August 5, 2020

VIA UPS TRACKING: 1ZT17J271328128871

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 April 1, 2020 to June 30, 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

August 5, 2020

VIA UPS TRACKING: 1ZT17J271332996050

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 April 1, 2020 to June 30, 2020.

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Respectfully yours,

MPLX, G&P

Jeffrey Randolph

Regional Operations Manager

August 5, 2020

VIA UPS TRACKING: 1ZT17J271300001611

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 April 1, 2020 to June 30, 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

August 5, 2020

VIA UPS TRACKING: 1ZT17J271332480080

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 April 1, 2020 to June 30, 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

August 5, 2020

VIA UPS TRACKING: 1ZT17J271328588866

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 April 1, 2020 to June 30, 2020.

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

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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

August 5, 2020

VIA UPS TRACKING: 1ZT17J271330186492

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 April 1, 2020 to June 30, 2020.

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

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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

August 5, 2020

VIA UPS TRACKING: 1ZT17J27130016422

Bruce J. Augustine
Environmental Scientist
Enforcement & Compliance Assurance Division
Air Section
USEPA Region III
1650 Arch Street
Mailcode: 3ED21
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 April 1, 2020 to June 30, 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

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

MarkWest Liberty Midstream & Resources, LLC/ Harmon Creek Gas Processing Plant

TRINITY CONSULTANTS
4525 Wasatch Blvd.
Suite 200
Salt Lake City, Utah
801-272-3000

July 2020

Project 194501.0083

Trinity Consultants

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1.0 INTRODUCTION

This second quarter (April through June) 2020 report, prepared for MarkWest by Trinity Consultants (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

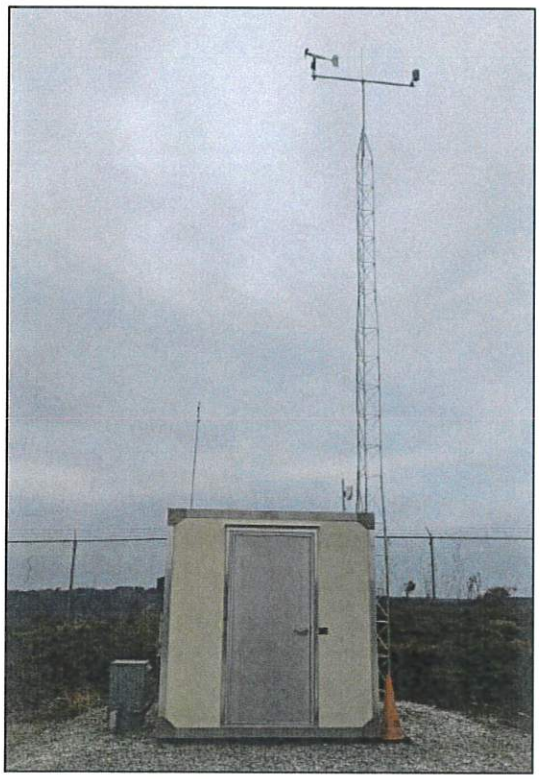


Table 1-2 Air Toxic and Meteorological Instrumentation at MarkWest's Harmon Creek Monitoring Stations

Parameter	Equipment Manufacturer	Model Number	Serial Number
Downwind #1			
Air Toxics	AirmOzone AirmoVOC C2-C6 AirmOzone AirmoVOC C6-C12	A12000 A23022	26561019 56531019
Data Acquisition	Campbell Scientific Inc.	CR300	6596
Downwind #2			
Air Toxics	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
Barometric 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 April through June 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 second quarter (April through June) 2020. Hourly data by month are tabulated in the appendices. These appendix tables display the hourly average of 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	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	8.65	9.64	4.48	7.07	4/23/2020 06:00	159.37	4/23/2020 01:00	68.66
Ethylene	0.60	0.93	0.29	0.50	5/02/2020 06:00	3.02	5/03/2020 08:00	2.86
Propane	2.23	2.17	2.48	2.32	4/17/2020 04:00	12.45	4/12/2020 03:00	12.03
Propene	0.07	0.00	0.13	0.09	4/18/2020 07:00	0.91	4/16/2020 18:00	0.89
i-Butane	0.29	0.03	0.37	0.31	6/22/2020 10:00	4.69	4/07/2020 12:00	2.19
n-Butane	0.99	0.55	1.06	0.99	6/22/2020 10:00	25.34	4/27/2020 21:00	10.74
Acetylene	0.62	0.22	0.61	0.59	6/20/2020 09:00	1.40	6/30/2020 07:00	1.34
Trans-2-Butene	0.01	0.10	0.03	0.03	4/20/2020 02:00	2.86	5/02/2020 00:00	2.60
1-Butene	0.01	0.01	0.01	0.01	4/16/2020 15:00	1.23	4/19/2020 20:00	0.75
Cis-2-Butene	0.00	0.01	0.01	0.01	6/22/2020 10:00	1.25	5/03/2020 04:00	0.31
Cyclopentane	0.01	0.03	0.02	0.01	5/02/2020 05:00	0.84	5/03/2020 03:00	0.34
i-Pentane	0.88	1.02	1.11	0.98	6/22/2020 10:00	39.08	6/16/2020 22:00	8.01
n-Pentane	1.04	1.17	0.78	0.95	4/26/2020 18:00	24.51	6/22/2020 10:00	20.96
1, 3-Butadiene	0.06	0.10	0.01	0.04	4/18/2020 09:00	17.47	4/16/2020 05:00	10.65
Trans-2-Pentene	0.04	0.17	0.05	0.05	4/18/2020 19:00	18.21	5/03/2020 17:00	11.19
1-Pentene	0.02	0.01	0.01	0.02	4/23/2020 22:00	6.82	4/17/2020 02:00	6.23
Cis-2-Pentene	0.01	0.01	0.04	0.02	6/22/2020 10:00	2.06	4/30/2020 03:00	0.88
2, 3- Dimethylbutane	0.05	0.07	0.07	0.06	4/18/2020 20:00	5.32	6/22/2020 10:00	2.65
3- Methyl-Pentane	0.01	0.00	0.00	0.01	4/04/2020 07:00	0.20	4/07/2020 04:00	0.20
n-Hexane	0.55	1.06	0.11	0.41	4/24/2020 01:00	11.26	4/29/2020 14:00	10.28
Isoprene	0.02	0.00	0.52	0.22	4/18/2020 10:00	15.52	6/20/2020 21:00	3.30
1-Hexene	0.01	0.03	0.02	0.02	4/20/2020 00:00	2.34	4/30/2020 17:00	2.30

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
2, 4- Dimethylpentane	0.00	0.02	0.00	0.01	4/20/2020 04:00	2.42	5/01/2020 13:00	0.90
2, 3- Dimethylpentane	0.00	0.01	0.04	0.02	5/01/2020 02:00	0.89	6/22/2020 03:00	0.67
2, 2- Dimethylbutane	0.01	0.02	0.01	0.01	6/22/2020 10:00	0.74	4/07/2020 04:00	0.31
2-Methyl-Pentane	0.08	0.12	0.17	0.12	6/22/2020 10:00	5.09	4/16/2020 19:00	2.65
Methyl-Cyclopentane	0.04	0.03	0.03	0.03	4/16/2020 19:00	2.77	6/22/2020 10:00	1.57
Benzene	0.13	0.14	0.00	0.08	4/07/2020 05:00	1.69	4/08/2020 10:00	1.29
Tetrachloromethane	0.12	0.14	0.12	0.12	4/04/2020 15:00	7.46	4/03/2020 10:00	4.86
Cyclohexane	0.02	0.02	0.00	0.01	4/01/2020 01:00	0.45	4/06/2020 20:00	0.36
2-Methyl-Hexane	0.02	0.02	0.00	0.01	4/01/2020 07:00	0.33	4/02/2020 12:00	0.33
3-Methyl-Hexane	0.04	0.05	0.00	0.02	5/02/2020 21:00	1.03	4/04/2020 07:00	0.35
2,2,4- Trimethylpentane	0.02	0.03	0.00	0.01	5/02/2020 21:00	0.59	4/06/2020 02:00	0.40
n-Heptane	0.04	0.05	0.00	0.02	4/23/2020 12:00	0.99	4/03/2020 15:00	0.55
Methyl-Cyclohexane	0.02	0.04	0.00	0.02	4/02/2020 15:00	0.33	5/02/2020 21:00	0.30
2,3,4- Trimethylpentane	0.01	0.02	0.09	0.04	4/23/2020 07:00	0.50	4/23/2020 12:00	0.49
Toluene	0.07	0.10	0.01	0.05	6/22/2020 10:00	1.54	4/23/2020 12:00	0.96
2-Methyl-Heptane	0.01	0.02	0.00	0.01	6/24/2020 19:00	0.74	4/04/2020 15:00	0.33
3-Methyl-Heptane	0.01	0.02	0.04	0.02	4/23/2020 12:00	0.44	4/23/2020 07:00	0.32
n-Octane	0.01	0.01	0.00	0.01	4/23/2020 12:00	0.90	4/23/2020 07:00	0.16
Tetrachloroethene	0.03	0.04	0.01	0.02	4/23/2020 07:00	1.34	4/05/2020 10:00	0.83
Ethylbenzene	0.01	0.03	0.01	0.01	4/27/2020 02:00	0.29	4/30/2020 07:00	0.19
m/p-Xylenes	0.03	0.05	0.02	0.03	6/22/2020 10:00	0.60	6/30/2020 00:00	0.31
Styrene	0.02	0.03	0.02	0.02	4/23/2020 15:00	0.31	4/30/2020 13:00	0.18
o-Xylene	0.02	0.02	0.01	0.01	4/23/2020 15:00	0.44	6/22/2020 10:00	0.19

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.01	0.02	0.01	0.01	4/23/2020 15:00	0.28	5/02/2020 21:00	0.22
i-Propylbenzene	0.01	0.01	0.01	0.01	6/12/2020 00:00	0.86	6/11/2020 07:00	0.70
a-Pinene	0.01	0.03	0.08	0.04	6/30/2020 06:00	0.95	6/30/2020 07:00	0.87
n-Propylbenzene	0.01	0.01	0.02	0.01	4/23/2020 10:00	1.26	6/22/2020 05:00	0.91
m-Ethyltoluene	0.01	0.01	0.01	0.01	6/27/2020 01:00	0.89	4/23/2020 08:00	0.28
p-Ethyltoluene	0.01	0.01	0.01	0.01	6/11/2020 23:00	3.87	4/23/2020 08:00	1.79
1,3,5- Trimethylbenzene	0.01	0.02	0.01	0.01	6/23/2020 03:00	1.34	4/23/2020 10:00	1.18
o-Ethyltoluene	0.00	0.01	0.01	0.01	4/23/2020 08:00	0.43	6/27/2020 04:00	0.32
b-Pinene	0.01	0.01	0.01	0.01	6/11/2020 13:00	0.42	4/23/2020 01:00	0.24
1,2,4- Trimethylbenzene	0.00	0.01	0.01	0.01	6/23/2020 02:00	0.90	6/11/2020 22:00	0.88
n-Decane	0.02	0.02	0.02	0.02	4/23/2020 11:00	3.02	4/23/2020 01:00	1.96
1,2,3- Trimethylbenzene	0.01	0.01	0.01	0.01	4/23/2020 11:00	0.96	4/23/2020 01:00	0.58
m-Diethylbenzene	0.01	0.01	0.01	0.01	4/23/2020 01:00	1.28	4/23/2020 11:00	0.71
p-Diethylbenzene	0.01	0.01	0.00	0.00	4/23/2020 11:00	2.04	4/23/2020 10:00	0.21
n-Undecane	0.01	0.01	0.01	0.01	4/09/2020 14:00	0.30	4/20/2020 19:00	0.23
n-Dodecane	0.01	0.01	0.01	0.01	6/11/2020 15:00	0.28	6/28/2020 08:00	0.25
Total Hydrocarbons	17.07	18.57	13.05	15.58	4/23/2020 06:00	172.22	6/22/2020 10:00	136.61

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	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	7.23	8.94	7.94	8.14	5/29/2020 06:00	194.05	5/29/2020 08:00	163.12
Ethylene	0.33	0.28	0.28	0.29	5/07/2020 06:00	1.72	5/07/2020 05:00	1.68
Propane	2.31	2.21	3.30	2.64	6/29/2020 08:00	39.63	6/10/2020 02:00	17.08
Propene	0.18	0.18	0.19	0.18	5/24/2020 01:00	0.76	5/24/2020 03:00	0.71
i-Butane	0.34	0.29	0.44	0.36	6/29/2020 08:00	4.20	4/05/2020 02:00	3.36
n-Butane	0.85	0.74	1.10	0.90	6/29/2020 08:00	11.68	4/05/2020 02:00	10.30
Acetylene	2.05	1.70	1.65	1.77	6/13/2020 18:00	2.82	4/26/2020 20:00	2.70
Trans-2-Butene	0.05	0.06	0.09	0.07	6/01/2020 04:00	0.28	6/01/2020 03:00	0.26
1-Butene	0.01	0.02	0.01	0.02	6/13/2020 12:00	0.12	5/24/2020 01:00	0.11
Cis-2-Butene	0.07	0.09	0.12	0.09	6/19/2020 00:00	0.26	5/31/2020 04:00	0.22
Cyclopentane	0.02	0.02	0.03	0.02	5/28/2020 06:00	0.76	6/16/2020 08:00	0.30
i-Pentane	0.27	0.28	0.43	0.34	6/29/2020 08:00	2.74	4/05/2020 02:00	2.66
n-Pentane	0.25	0.25	0.39	0.30	4/05/2020 02:00	3.60	6/29/2020 08:00	3.54
1, 3-Butadiene	0.00	0.01	0.01	0.01	6/30/2020 13:00	0.11	6/16/2020 09:00	0.10
Trans-2-Pentene	0.00	0.01	0.00	0.00	6/03/2020 04:00	0.13	5/28/2020 11:00	0.10
1-Pentene	0.01	0.01	0.01	0.01	6/15/2020 13:00	0.27	5/29/2020 10:00	0.24
Cis-2-Pentene	0.00	0.00	0.00	0.00	6/01/2020 09:00	0.25	6/29/2020 07:00	0.22
2, 3- Dimethylbutane	0.01	0.01	0.01	0.01	6/30/2020 00:00	0.12	6/09/2020 07:00	0.11
3- Methyl-Pentane	0.04	0.03	0.06	0.04	4/05/2020 02:00	0.79	6/29/2020 08:00	0.76
n-Hexane	0.07	0.07	0.12	0.09	6/09/2020 06:00	1.31	6/09/2020 07:00	1.19
Isoprene	0.00	0.01	0.01	0.01	6/10/2020 18:00	1.03	6/10/2020 19:00	0.60
1-Hexene	0.00	0.01	0.01	0.01	6/29/2020 06:00	0.81	6/03/2020 11:00	0.68

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
2, 4- Dimethylpentane	0.00	0.00	0.02	0.01	6/09/2020 22:00	0.64	6/21/2020 07:00	0.27
2, 3- Dimethylpentane	0.01	0.01	0.03	0.01	6/09/2020 06:00	2.95	6/09/2020 07:00	2.54
2, 2- Dimethylbutane	0.00	0.01	0.01	0.01	6/21/2020 23:00	0.92	5/15/2020 18:00	0.53
2-Methyl-Pentane	0.05	0.07	0.19	0.11	6/29/2020 08:00	1.18	6/09/2020 06:00	0.96
Methyl-Cyclopentane	0.01	0.01	0.02	0.01	6/28/2020 11:00	0.74	6/09/2020 06:00	0.49
Benzene	0.11	0.10	0.09	0.10	5/07/2020 06:00	1.68	5/07/2020 05:00	1.48
Tetrachloromethane	0.00	0.01	0.03	0.02	6/30/2020 10:00	11.82	5/14/2020 17:00	5.35
Cyclohexane	0.00	0.01	0.02	0.01	6/09/2020 06:00	0.75	6/09/2020 07:00	0.65
2-Methyl-Hexane	0.00	0.00	0.01	0.01	6/09/2020 08:00	0.59	6/08/2020 23:00	0.48
3-Methyl-Hexane	0.02	0.03	0.05	0.03	6/09/2020 06:00	1.29	6/09/2020 07:00	1.10
2,2,4- Trimethylpentane	0.00	0.01	0.01	0.01	6/09/2020 06:00	0.25	6/09/2020 07:00	0.22
n-Heptane	0.02	0.03	0.10	0.05	6/29/2020 06:00	10.49	6/11/2020 10:00	5.25
Methyl-Cyclohexane	0.01	0.01	0.06	0.03	6/29/2020 06:00	7.26	6/09/2020 06:00	3.40
2,3,4- Trimethylpentane	0.00	0.00	0.00	0.00	6/29/2020 06:00	1.27	5/31/2020 01:00	0.15
Toluene	0.06	0.07	0.12	0.09	6/11/2020 10:00	9.38	6/29/2020 06:00	8.33
2-Methyl-Heptane	0.00	0.00	0.02	0.01	6/20/2020 12:00	4.86	6/29/2020 06:00	4.53
3-Methyl-Heptane	0.00	0.00	0.02	0.01	6/29/2020 06:00	3.57	6/09/2020 06:00	0.93
n-Octane	0.01	0.01	0.05	0.03	6/29/2020 06:00	13.87	6/09/2020 06:00	2.18
Tetrachloroethene	0.00	0.00	0.05	0.02	6/29/2020 06:00	27.20	6/09/2020 06:00	0.63
Ethylbenzene	0.01	0.01	0.01	0.01	6/29/2020 06:00	2.80	4/06/2020 16:00	2.19
m/p-Xylenes	0.04	0.04	0.04	0.04	6/29/2020 06:00	2.50	4/01/2020 15:00	2.20
Styrene	0.01	0.01	0.01	0.01	6/29/2020 06:00	1.57	4/27/2020 20:00	1.04
o-Xylene	0.01	0.00	0.01	0.01	6/29/2020 06:00	3.18	4/24/2020 15:00	0.50

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.02	0.01	0.02	0.01	6/29/2020 06:00	2.57	4/06/2020 15:00	1.47
i-Propylbenzene	0.00	0.01	0.00	0.00	5/21/2020 18:00	1.71	6/04/2020 16:00	0.72
a-Pinene	0.00	0.01	0.03	0.02	6/29/2020 06:00	0.86	6/30/2020 06:00	0.84
n-Propylbenzene	0.00	0.01	0.01	0.01	4/17/2020 14:00	0.97	6/25/2020 15:00	0.46
m-Ethyltoluene	0.00	0.00	0.00	0.00	5/24/2020 03:00	0.17	5/24/2020 04:00	0.13
p-Ethyltoluene	0.00	0.00	0.00	0.00	5/24/2020 03:00	0.25	6/09/2020 07:00	0.12
1,3,5- Trimethylbenzene	0.00	0.00	0.00	0.00	5/24/2020 03:00	0.23	5/24/2020 04:00	0.15
o-Ethyltoluene	0.00	0.01	0.01	0.01	5/23/2020 16:00	0.45	6/07/2020 20:00	0.32
b-Pinene	0.00	0.01	0.01	0.01	4/27/2020 11:00	0.51	5/24/2020 03:00	0.34
1,2,4- Trimethylbenzene	0.01	0.00	0.00	0.00	4/20/2020 17:00	1.07	4/24/2020 16:00	0.63
n-Decane	0.01	0.01	0.01	0.01	4/17/2020 11:00	0.53	5/01/2020 11:00	0.53
1,2,3- Trimethylbenzene	0.00	0.00	0.00	0.00	5/15/2020 15:00	0.40	6/30/2020 11:00	0.17
m-Diethylbenzene	0.00	0.00	0.00	0.00	6/02/2020 15:00	0.42	5/30/2020 15:00	0.24
p-Diethylbenzene	0.00	0.00	0.00	0.00	6/10/2020 14:00	0.38	5/06/2020 09:00	0.18
n-Undecane	0.00	0.00	0.01	0.00	6/16/2020 17:00	0.41	6/26/2020 13:00	0.22
n-Dodecane	0.00	0.00	0.00	0.00	5/02/2020 15:00	0.43	4/28/2020 16:00	0.08
Total Hydrocarbons	14.57	15.73	17.30	16.02	5/29/2020 06:00	224.46	5/29/2020 08:00	185.18

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
Ethane	7.35	6.27	9.31	7.94	6/29/2020 10:00	88.91	6/29/2020 09:00	83.73
Ethylene	0.31	0.29	0.60	0.41	6/25/2020 07:00	15.72	6/25/2020 06:00	8.03
Propane	2.54	2.35	3.33	2.80	6/29/2020 10:00	33.56	6/29/2020 09:00	31.70
Propene	0.23	0.18	0.18	0.21	6/25/2020 07:00	11.07	6/25/2020 06:00	5.03
i-Butane	0.30	0.28	0.43	0.34	6/29/2020 10:00	3.21	6/29/2020 09:00	2.99
n-Butane	0.78	0.72	1.06	0.87	6/29/2020 10:00	9.13	6/29/2020 09:00	8.46
Acetylene	0.69	0.63	0.13	0.49	4/04/2020 02:00	1.96	4/07/2020 01:00	1.70
Trans-2-Butene	0.10	0.10	0.00	0.07	4/01/2020 02:00	0.14	4/01/2020 05:00	0.13
1-Butene	0.00	0.00	0.08	0.03	6/25/2020 07:00	0.34	6/25/2020 06:00	0.24
Cis-2-Butene	0.02	0.02	0.15	0.07	6/25/2020 07:00	1.23	6/25/2020 06:00	0.54
Cyclopentane	0.27	0.29	0.01	0.18	4/01/2020 03:00	1.72	4/07/2020 06:00	1.61
i-Pentane	0.25	0.25	1.06	0.53	6/16/2020 07:00	2.87	6/29/2020 09:00	2.49
n-Pentane	0.00	0.00	1.78	0.62	6/29/2020 09:00	4.04	6/29/2020 10:00	4.02
1, 3-Butadiene	0.02	0.02	0.02	0.02	6/25/2020 07:00	0.73	6/25/2020 06:00	0.36
Trans-2-Pentene	0.05	0.04	0.03	0.04	4/04/2020 10:00	0.68	4/12/2020 14:00	0.59
1-Pentene	0.00	0.00	0.01	0.01	6/25/2020 07:00	0.59	6/25/2020 06:00	0.29
Cis-2-Pentene	0.00	0.00	0.00	0.00	6/25/2020 07:00	0.21	6/25/2020 06:00	0.10
2, 3- Dimethylbutane	0.04	0.03	0.03	0.04	4/01/2020 03:00	0.44	4/07/2020 06:00	0.38
3- Methyl-Pentane	0.00	0.00	0.05	0.02	6/25/2020 07:00	0.52	6/25/2020 06:00	0.33
n-Hexane	0.09	0.07	0.13	0.10	4/21/2020 13:00	3.20	4/21/2020 12:00	2.75
Isoprene	0.00	0.00	0.42	0.15	6/29/2020 21:00	3.33	6/29/2020 20:00	3.28
1-Hexene	0.00	0.00	0.02	0.01	6/25/2020 07:00	0.54	6/20/2020 06:00	0.32

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

Parameter	April Average (ppb)	May Average (ppb)	June 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	0.05	0.02	6/16/2020 23:00	0.70	6/16/2020 06:00	0.62
2, 3- Dimethylpentane	0.01	0.01	0.02	0.01	6/28/2020 20:00	0.27	6/21/2020 20:00	0.21
2, 2- Dimethylbutane	0.00	0.00	0.00	0.00	6/18/2020 07:00	0.37	6/12/2020 12:00	0.34
2-Methyl-Pentane	0.01	0.02	0.29	0.11	6/13/2020 19:00	2.44	4/26/2020 02:00	1.82
Methyl-Cyclopentane	0.00	0.00	0.02	0.01	6/19/2020 11:00	3.29	4/21/2020 05:00	1.32
Benzene	1.68	0.30	0.16	1.03	4/04/2020 13:00	36.34	4/14/2020 17:00	29.94
Tetrachloromethane	0.00	0.00	0.02	0.01	6/25/2020 20:00	2.38	6/28/2020 19:00	2.28
Cyclohexane	0.00	0.00	0.03	0.01	6/16/2020 06:00	0.50	6/20/2020 04:00	0.50
2-Methyl-Hexane	0.00	0.00	0.04	0.01	6/20/2020 06:00	0.73	6/21/2020 23:00	0.67
3-Methyl-Hexane	0.01	0.06	0.07	0.04	5/03/2020 02:00	3.36	4/23/2020 18:00	2.51
2,2,4- Trimethylpentane	0.00	0.00	0.02	0.01	6/13/2020 19:00	0.32	6/20/2020 04:00	0.28
n-Heptane	0.01	0.01	0.19	0.07	6/21/2020 23:00	2.33	6/20/2020 04:00	2.16
Methyl-Cyclohexane	0.00	0.01	0.21	0.07	6/25/2020 11:00	4.25	6/21/2020 23:00	2.84
2,3,4- Trimethylpentane	0.00	0.00	0.09	0.03	6/15/2020 23:00	9.61	6/24/2020 13:00	6.69
Toluene	0.89	1.15	0.31	0.71	4/13/2020 23:00	20.73	4/13/2020 12:00	20.67
2-Methyl-Heptane	0.00	0.00	0.12	0.04	6/24/2020 13:00	19.33	6/13/2020 00:00	3.57
3-Methyl-Heptane	0.03	0.02	0.09	0.05	4/07/2020 16:00	13.94	6/13/2020 00:00	7.59
n-Octane	0.02	0.01	0.19	0.08	6/24/2020 13:00	9.53	4/03/2020 20:00	7.81
Tetrachloroethene	0.00	0.15	0.10	0.05	5/02/2020 07:00	16.66	6/15/2020 21:00	8.56
Ethylbenzene	0.00	0.00	0.02	0.01	6/13/2020 00:00	1.63	6/13/2020 05:00	1.58
m/p-Xylenes	0.28	0.79	0.13	0.27	5/01/2020 15:00	14.53	5/04/2020 23:00	11.91
Styrene	0.01	0.00	0.02	0.01	4/22/2020 23:00	3.50	6/24/2020 13:00	2.14
o-Xylene	0.05	0.03	0.01	0.04	4/28/2020 22:00	8.67	4/28/2020 20:00	8.56

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

Parameter	April Average (ppb)	May Average (ppb)	June Average (ppb)	Quarterly Average (ppb)	Quarterly Max Date	Quarterly Maximum (ppb)	Quarterly Second High Date	Quarterly Second High (ppb)
n-Nonane	0.02	0.00	0.07	0.03	6/24/2020 13:00	5.15	4/27/2020 17:00	4.78
i-Propylbenzene	0.00	0.01	0.01	0.01	6/24/2020 13:00	3.58	5/01/2020 23:00	0.62
a-Pinene	0.03	0.09	0.11	0.06	6/24/2020 13:00	5.90	4/07/2020 14:00	5.60
n-Propylbenzene	0.00	0.03	0.00	0.01	4/27/2020 22:00	1.78	5/01/2020 22:00	1.76
m-Ethyltoluene	0.00	0.00	0.04	0.01	6/24/2020 13:00	4.49	4/01/2020 07:00	0.82
p-Ethyltoluene	0.00	0.00	0.03	0.01	6/13/2020 13:00	8.24	6/22/2020 12:00	3.66
1,3,5- Trimethylbenzene	0.00	0.00	0.01	0.00	6/13/2020 13:00	2.26	6/24/2020 13:00	0.40
o-Ethyltoluene	0.01	0.00	0.01	0.01	4/27/2020 23:00	7.12	6/13/2020 13:00	1.60
b-Pinene	0.00	0.00	0.04	0.01	6/13/2020 13:00	2.48	6/20/2020 22:00	0.48
1,2,4- Trimethylbenzene	0.01	0.00	0.02	0.02	4/12/2020 09:00	2.46	4/08/2020 10:00	1.97
n-Decane	0.02	0.02	0.02	0.02	4/16/2020 03:00	4.33	4/19/2020 04:00	3.05
1,2,3- Trimethylbenzene	0.00	0.08	0.02	0.02	5/03/2020 07:00	8.36	6/13/2020 09:00	2.69
m-Diethylbenzene	0.02	0.02	0.01	0.02	4/19/2020 01:00	4.81	4/30/2020 03:00	3.41
p-Diethylbenzene	0.00	0.00	0.01	0.00	6/13/2020 13:00	1.74	6/14/2020 02:00	0.38
n-Undecane	0.02	0.10	0.01	0.02	5/03/2020 21:00	3.82	5/03/2020 09:00	3.75
n-Dodecane	0.00	0.00	0.02	0.01	6/13/2020 03:00	2.28	6/13/2020 11:00	1.30
Total Hydrocarbons	16.19	14.46	21.48	17.89	6/29/2020 10:00	145.90	6/29/2020 09:00	138.77

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 Direction and Horizontal Wind Speed

The most frequent (and predominant) winds during April through June 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 2.4 percent calm winds during April through June 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 April through June. There were 0.1 percent of wind records showing greater than 10.8 mps during April through June. The sector with the highest average wind speed was west at 4.9 mps. The maximum wind gust during April through June was 28.2 mps (63.1 mph) which occurred on June 10 at 21:00.

Figures 2.1 and 2.2 provide diagrams of the joint frequency of occurrence distributions (wind rose) of the vector wind speed and wind direction by month for April through June 2020. Figure 2.3 presents the combined wind rose for April through June 2020. Summary tables of hourly average wind direction and wind speed by month for April through June are presented in Appendix C.

Figure 2.1 Wind Rose April 2020.

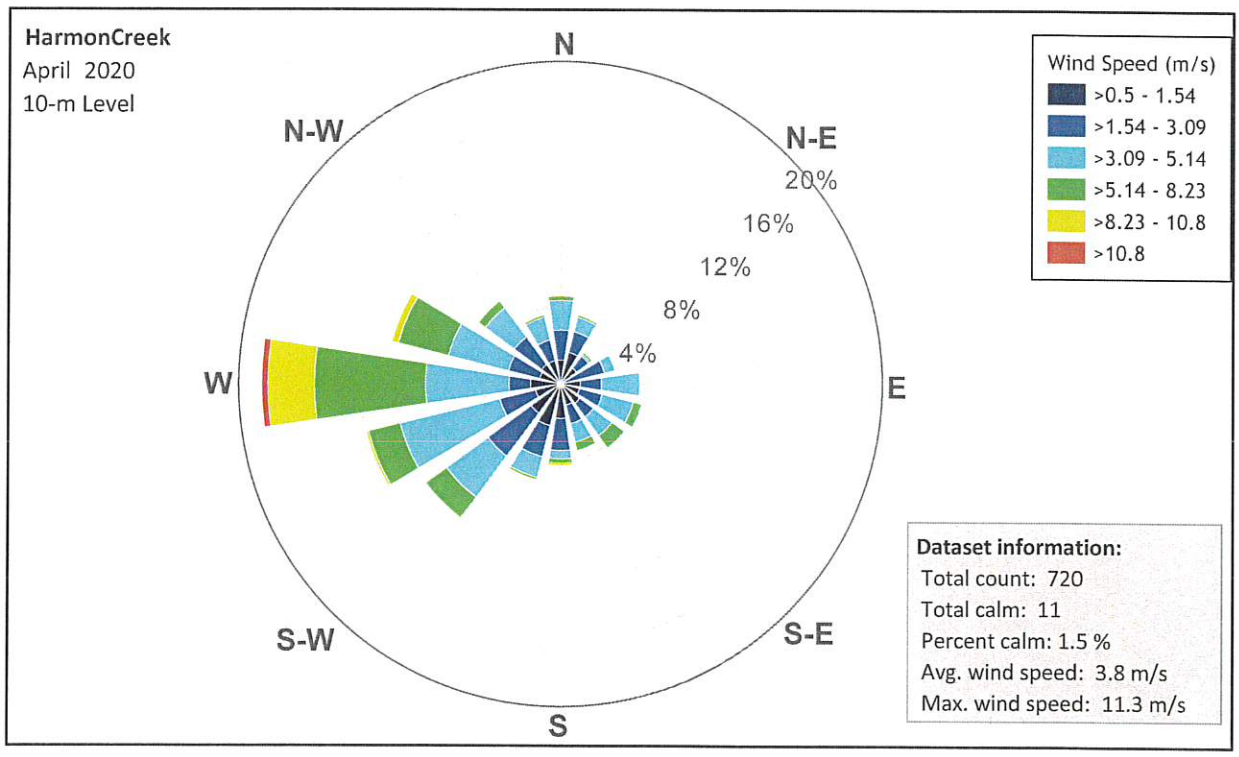


Figure 2.2 Wind Rose May 2020.

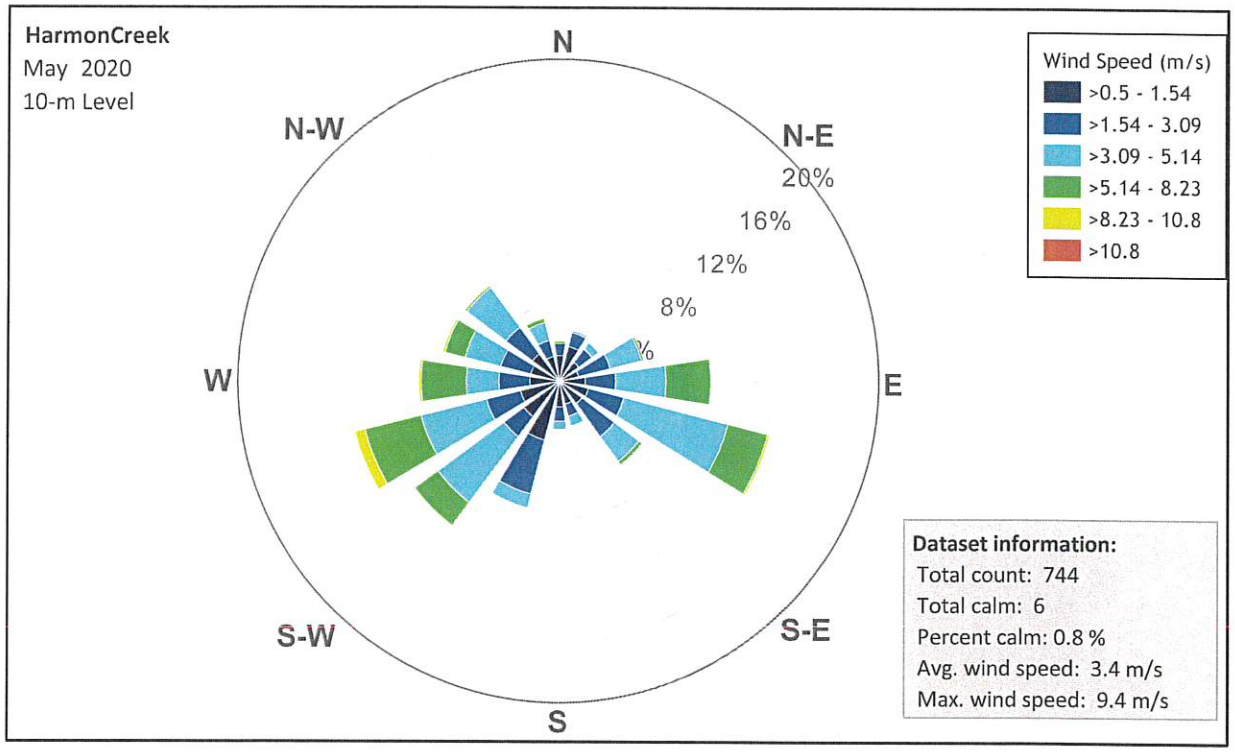


Figure 2.3 Wind Rose June 2020.

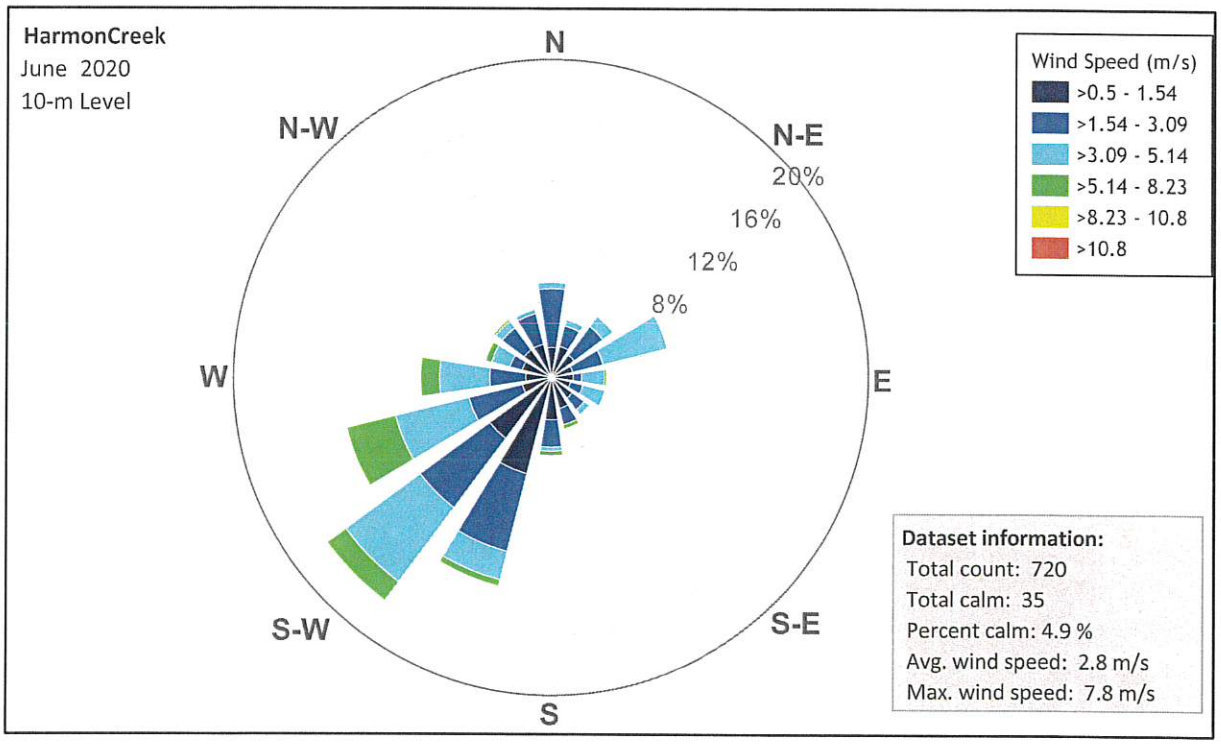
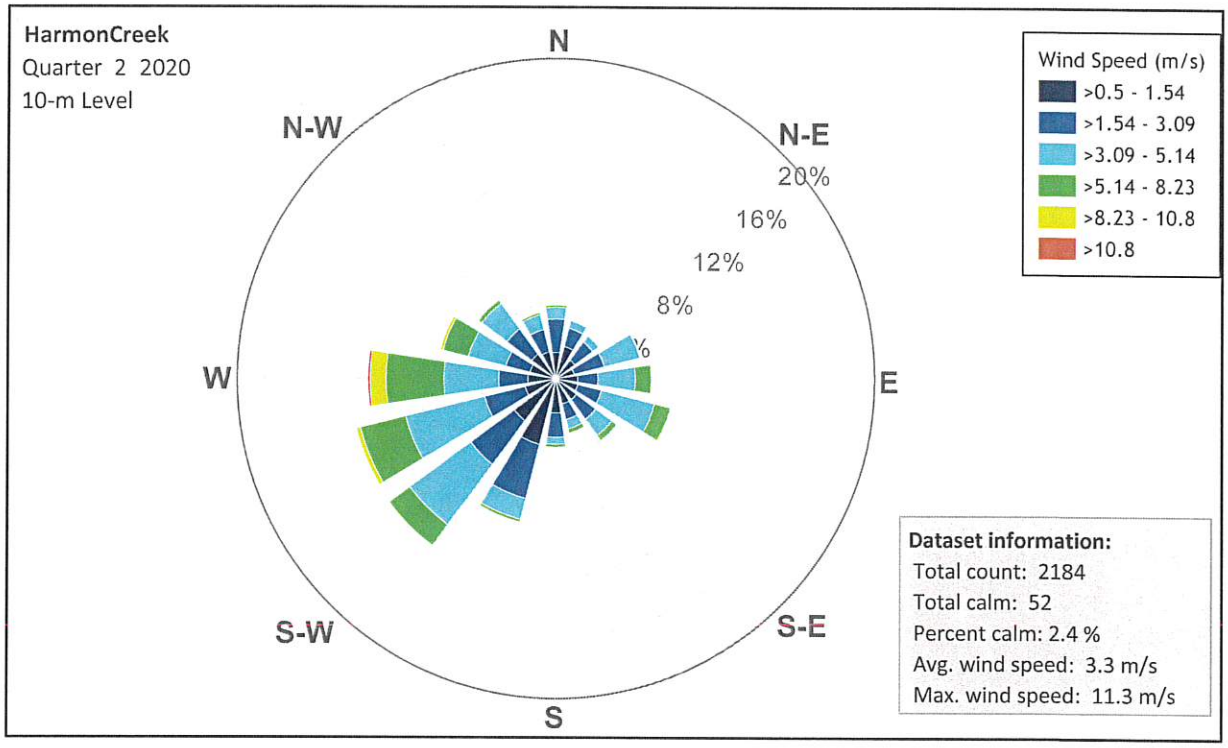


Figure 2.4 Wind Rose Second Quarter 2020.



2.3.2 Temperature

The monthly maximum and minimum daily mean and hourly temperatures for April through June 2020 are summarized in Table 2-4. Second quarter data are presented in Appendix D.

Table 2-4 Summary of Temperature in Degrees Centigrade (°C) for April through June 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
April	8.5	17.4	1.7	23.7	-2.9
May	14.5	24.8	1.7	30.7	-2.1
June	20.5	26.1	13	31.2	3.0

2.3.3 Relative Humidity

Table 2-5 presents the monthly means, maximum, and minimum relative humidity information for April through June 2020. Relative humidity data are presented in Appendix E.

Table 2-5 Summary of Relative Humidity in Percent for April through June 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
April	63	92	41	98	17
May	66	87	36	100	24
June	72	92	59	100	28

2.3.4 Barometric Pressure

Barometric pressure data for April through June are presented in Table 2-6 and in Appendix E.

Table 2-6 Barometric Pressure Data in Millibars (mb) for April through June 2020

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
April	971	981	959	984	953
May	976	983	969	986	965
June	975	986	966	987	964

2.4 Data Recovery

Data recoveries in percent possible for April through June 2020 for the air toxic monitoring stations, and meteorological monitoring station are provided in Table 2-7. Meteorological measurement data recovery for the second quarter is presented in Table 2-8.

Table 2-7 Data Recovery for Air Toxics Data for April through June 2020

Month	Air Toxics Upwind (%)	Air Toxics Downwind #1 (%)	Air Toxics Downwind #2 (%)
April	91.8	64.9	95.1
May	9.0	95.3	14.7
June	65.1	95.1	59.3

Table 2-8 Meteorological Data Recovery for April through June 2020

Month	Wind Speed (%)	Wind Direction (%)	Temp. (%)	Relative Humidity (%)	Barometric Pressure (%)
April	100	100	100	100	100
May	100	100	100	100	100
June	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 loggers 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.

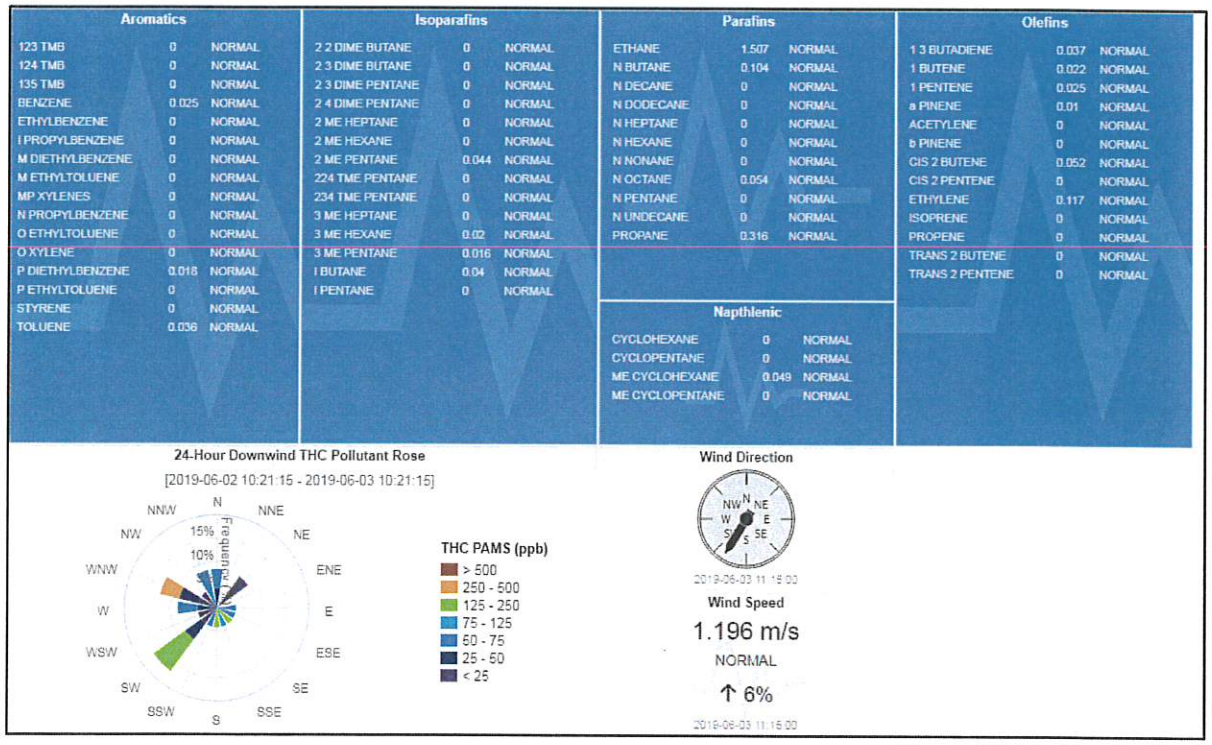
Once data are downloaded via modem, they are subjected to a series of quality control checks by a software package. The software package performs extensive quality control checks of the data, generates a data summary report which lists means, maximums, minimums, time of occurrence, data values which 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 April through June 2020 and corresponding times are presented in Appendix G.

3.5 Summary of Facility Activities

During April through June, the following issues were noted that led to air toxic data loss. The air toxics data at the Upwind site from April 1 to May 4 was manually recalculated to correct for the instruments measured bias.

Upwind Station – C2-C6	**Issue**
4/08/20 00:00 – 4/08/20 01:00	System reset
4/14/20 18:00 – 4/15/20 15:00	Water sensor alarm
4/16/20 15:00 – 4/16/20 17:00	System reset
4/25/20 07:00 – 4/25/20 08:00	System reset
5/03/20 22:00 – 5/03/20 23:00	System reset
5/4/20 09:00 – 5/22/20 10:00	FID nozzle damage likely caused by power outage
5/22/20 11:00 – 6/9/20 10:00 & 6/10/20 08:00	Blown fuse and internal power supply failure.
6/17/20 19:00 – 6/17/20 20:00	System reset
6/26/20 10:00 – 6/26/20 11:00	System reset
Upwind Station – C6-C12	
4/08/20 00:00 – 4/08/20 01:00	System reset
4/14/20 17:00 – 4/15/20 11:00	Water sensor alarm
4/16/20 15:00 – 4/16/20 17:00	System reset
4/25/20 07:00 – 4/25/20 08:00	System reset
5/03/20 22:00 – 5/03/20 23:00	System reset
6/09/20 07:00 – 6/09/20 10:00	System maintenance. Replacement of damaged FID nozzle and electrometer board likely damaged by a power outage.
6/17/20 19:00 – 6/17/20 20:00	System reset
6/26/20 10:00 – 6/26/20 11:00	System reset
Downwind #1 Station – C2-C6	
4/08/20 04:00 – 4/16/20 12:00	FID Ignitor damaged by power outage
4/19/20 02:00 – 4/19/20 03:00	System reset
5/10/20 22:00 – 5/10/20 23:00	System reset
5/21/20 20:00 – 5/21/20 21:00	System reset
6/02/20 02:00	System reset
6/13/20 04:00 – 6/13/20 05:00	System reset
6/24/20 05:00 – 6/24/20 06:00	System reset
Downwind #1 Station – C6-C12	
4/19/20 02:00 – 4/19/20 03:00	System reset
5/10/20 22:00 – 5/10/20 23:00	System reset
5/21/20 20:00 – 5/21/20 21:00	System reset
6/02/20 02:00	System reset
6/13/20 04:00 – 6/13/20 05:00	System reset
6/24/20 05:00 – 6/24/20 06:00	System reset

Note: Issues between 5/4 and 6/9 were delayed due to the instrumentation specialist's inability to travel during the COVID-19 lockdown. All other offline hours are due to equipment calibrations.

Downwind #2 Station- C2-C6	**Issue**
4/14/20 18:00 – 4/14/20 19:00	System reset
4/27/20 11:00 – 4/27/20 12:00	System reset
5/05/20 09:00 – 5/05/20 12:00	Power outage
5/05/20 23:00 – 6/12/20 07:00	Damaged phase trap due to power outage
6/22/20 18:00 – 6/22/20 19:00	System reset

Downwind #2 Station- C6-C12	
4/14/20 18:00 – 4/14/20 19:00	System reset
4/27/20 11:00 – 4/27/20 12:00	System reset
5/05/20 09:00 – 5/05/20 12:00	Power outage
5/05/20 23:00 – 6/12/20 07:00	Damaged FID due to power outage
6/22/20 18:00 – 6/22/20 19:00	System reset

Note: Issues between 5/4 and 6/9 were delayed due to the instrumentation specialist's inability to travel during the COVID-19 lockdown. All other offline hours are due to equipment calibrations.

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, Hexane, Benzene, and for C_6-C_{12} compounds of Hexane, Benzene, and 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:

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

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 monitoring stations for April through June 2020 are presented in Tables 3-1 through 3-3.

Table 3-1 April through June 2020 Precision and Bias Statistics – Upwind Station

Statistics	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
Mean Percent Difference	-11.32	-11.10	-1.72	-5.74	-26.42
Standard Deviation	11.70	7.59	5.66	3.73	3.65
Upper 95% Probability	11.61	3.78	9.37	1.58	-19.27
Lower 95% Probability	-34.26	-25.97	-12.82	-13.06	-33.58
CV	13.17	8.54	6.37	4.20	4.11
AB	12.36	11.10	4.45	5.75	26.42
AS	10.58	7.59	3.87	3.72	3.65
Bias Estimate	14.47	12.61	5.22	6.49	27.15

Table 3-2 April through June 2020 Precision and Bias Statistics – Downwind #1 Station

Statistics	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
Mean Percent Difference	-2.32	-17.33	9.89	-0.28	1.78
Standard Deviation	1.99	3.51	1.57	1.62	1.57
Upper 95% Probability	1.59	-10.44	12.96	2.89	4.85
Lower 95% Probability	-6.22	-24.21	6.82	-3.44	-1.29
CV	2.22	3.92	1.75	1.80	1.75
AB	2.46	17.33	9.89	1.46	1.94
AS	1.81	3.51	1.57	0.72	1.36
Bias Estimate	2.80	17.98	10.18	1.60	2.20

Table 3-3 April through June 2020 Precision and Bias Statistics – Downwind #2 Station

Statistics	C_2-C_6		C_6-C_{12}		
	n-Butane	n-Hexane	n-Hexane	Benzene	n-Decane
Mean Percent Difference	-11.32	-11.10	-1.72	-5.74	-26.42
Standard Deviation	11.70	7.59	5.66	3.73	3.65
Upper 95% Probability	11.61	3.78	9.37	1.58	-19.27
Lower 95% Probability	-34.26	-25.97	-12.82	-13.06	-33.58
CV	13.17	8.54	6.37	4.20	4.11
AB	12.36	11.10	4.45	5.75	26.42
AS	10.58	7.59	3.87	3.72	3.65
Bias Estimate	14.47	12.61	5.22	6.49	27.15

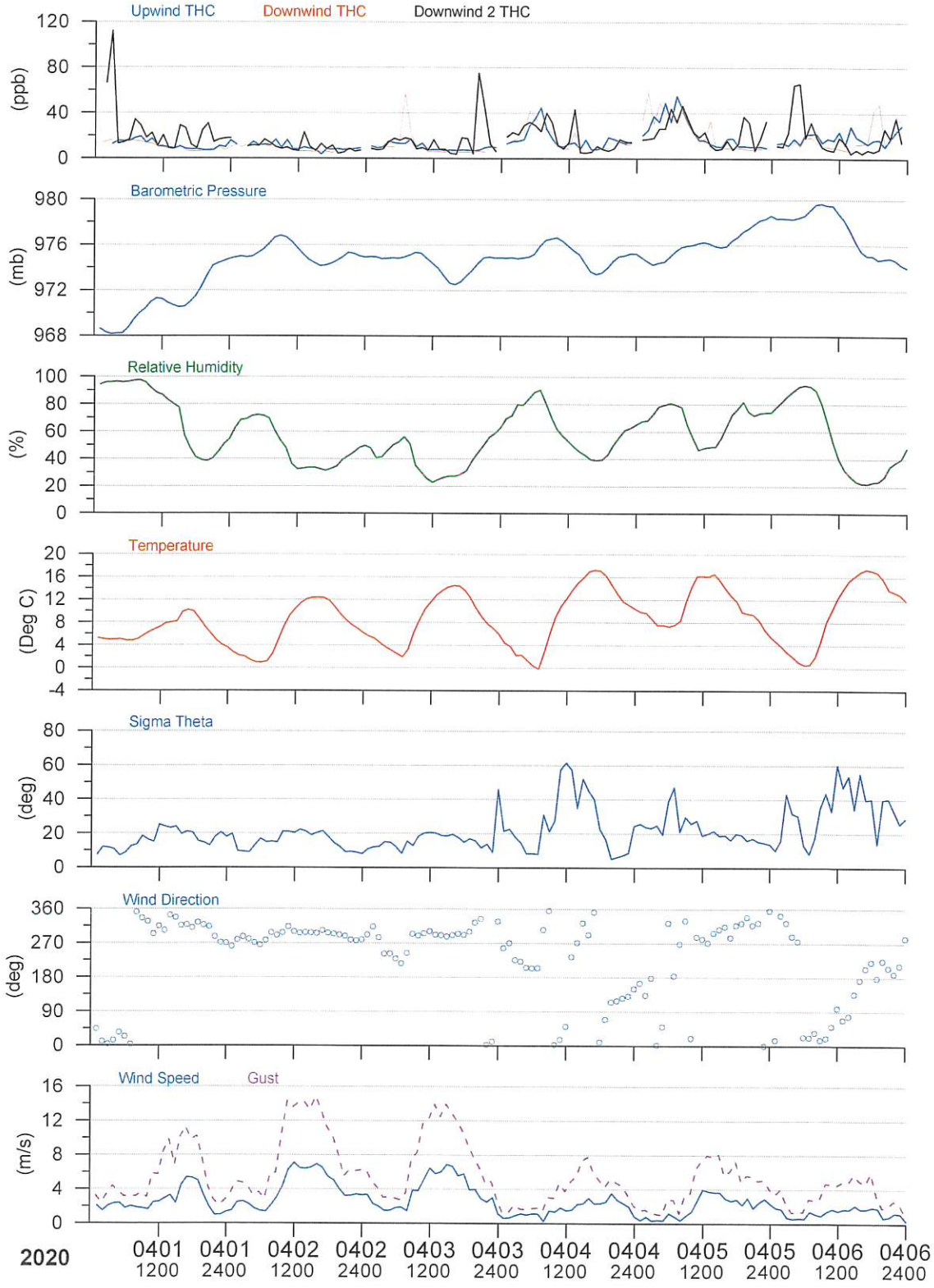
4.0 QUALITY ASSURANCE

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.

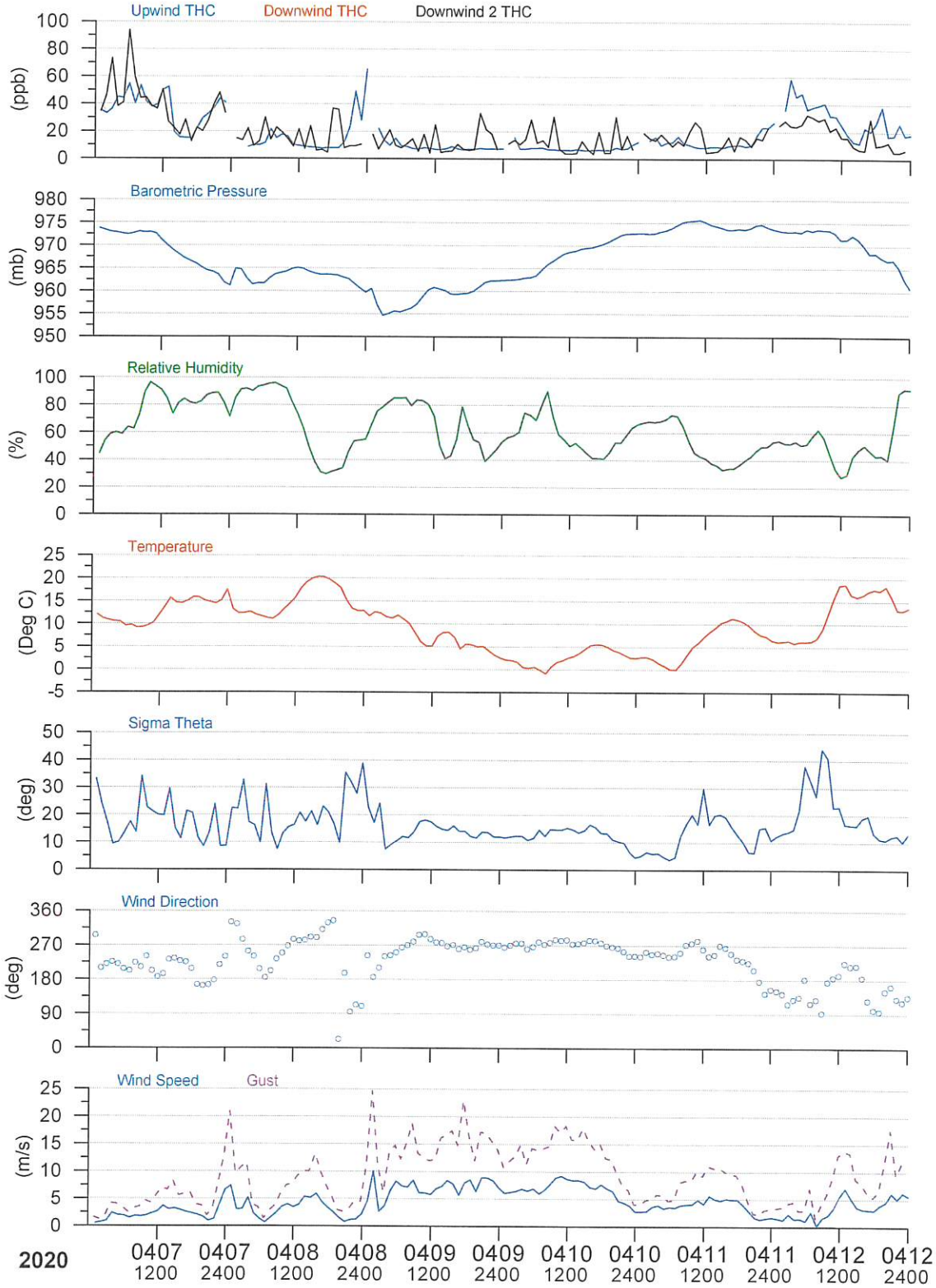
A performance audit of the air toxics and meteorological monitoring equipment was scheduled for the end of March 2020 but has been rescheduled for a later date due to the global COVID-19 pandemic. Per the Quality Assurance Project Plan (QAPP) that was developed for this project, a performance audit needs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

APPENDIX A. STACKED PARAMETER PLOTS FOR APRIL THROUGH JUNE 2020

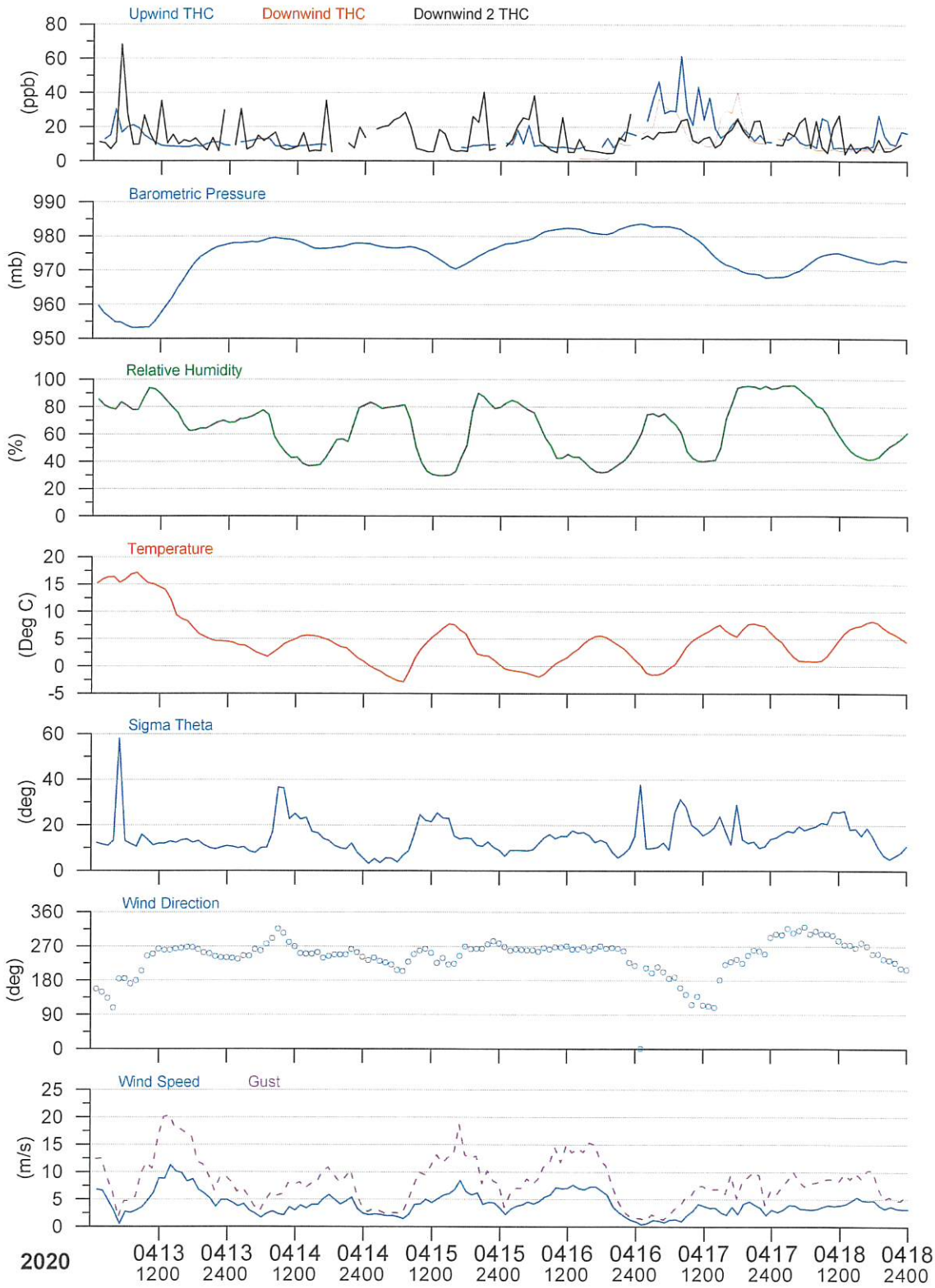
MarkWest HarmonCreek Plots



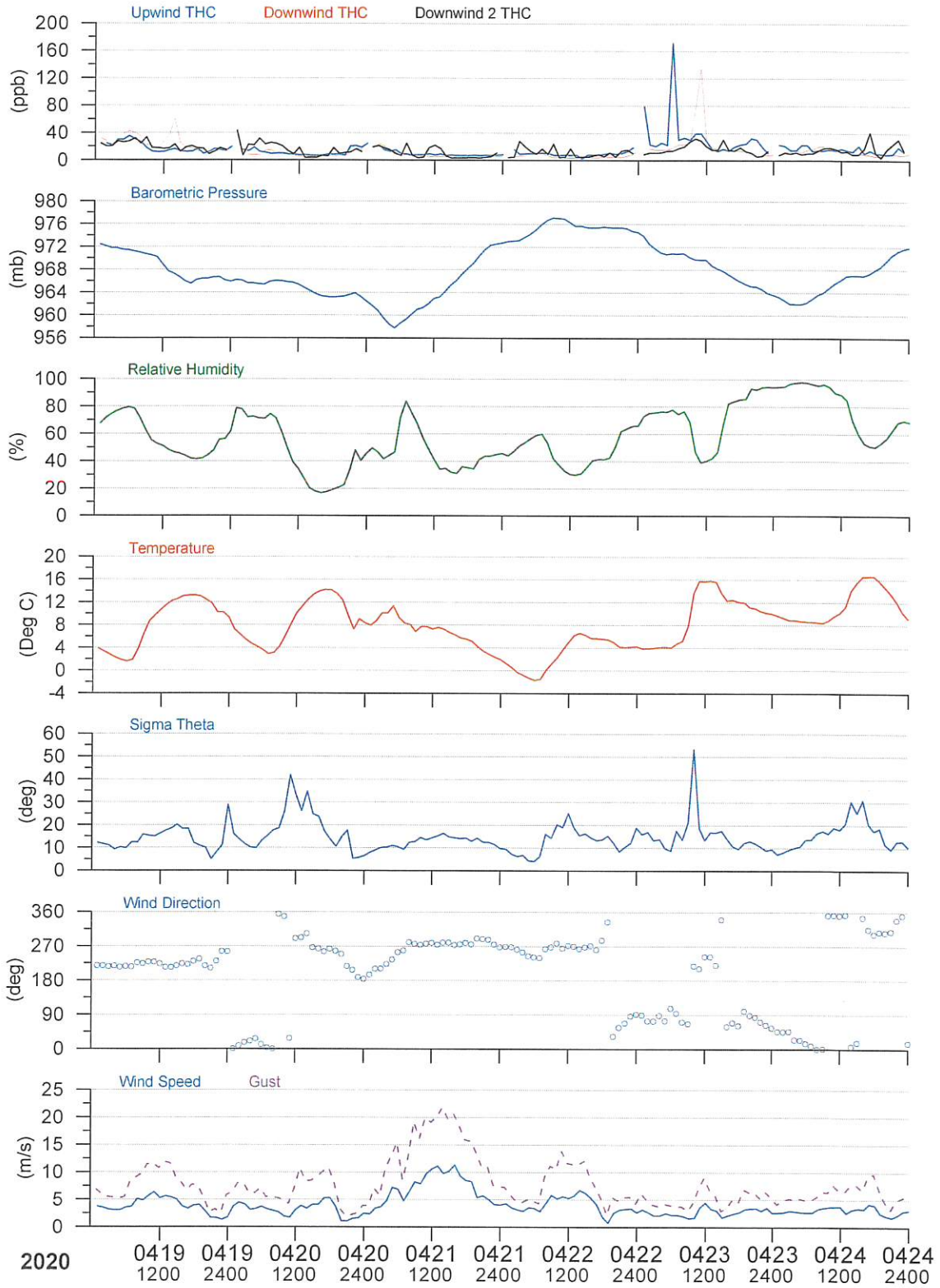
MarkWest HarmonCreek Plots



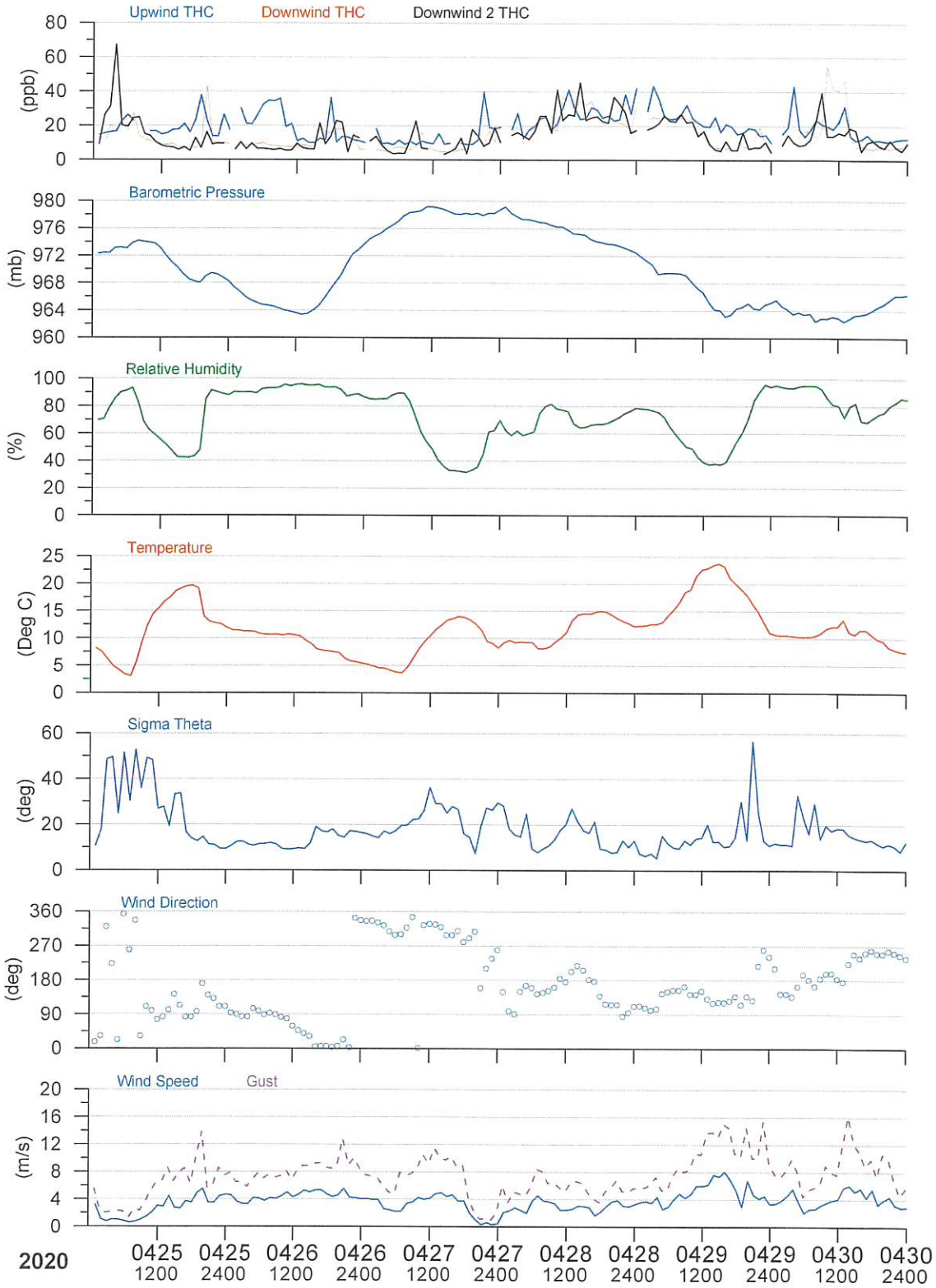
MarkWest HarmonCreek Plots



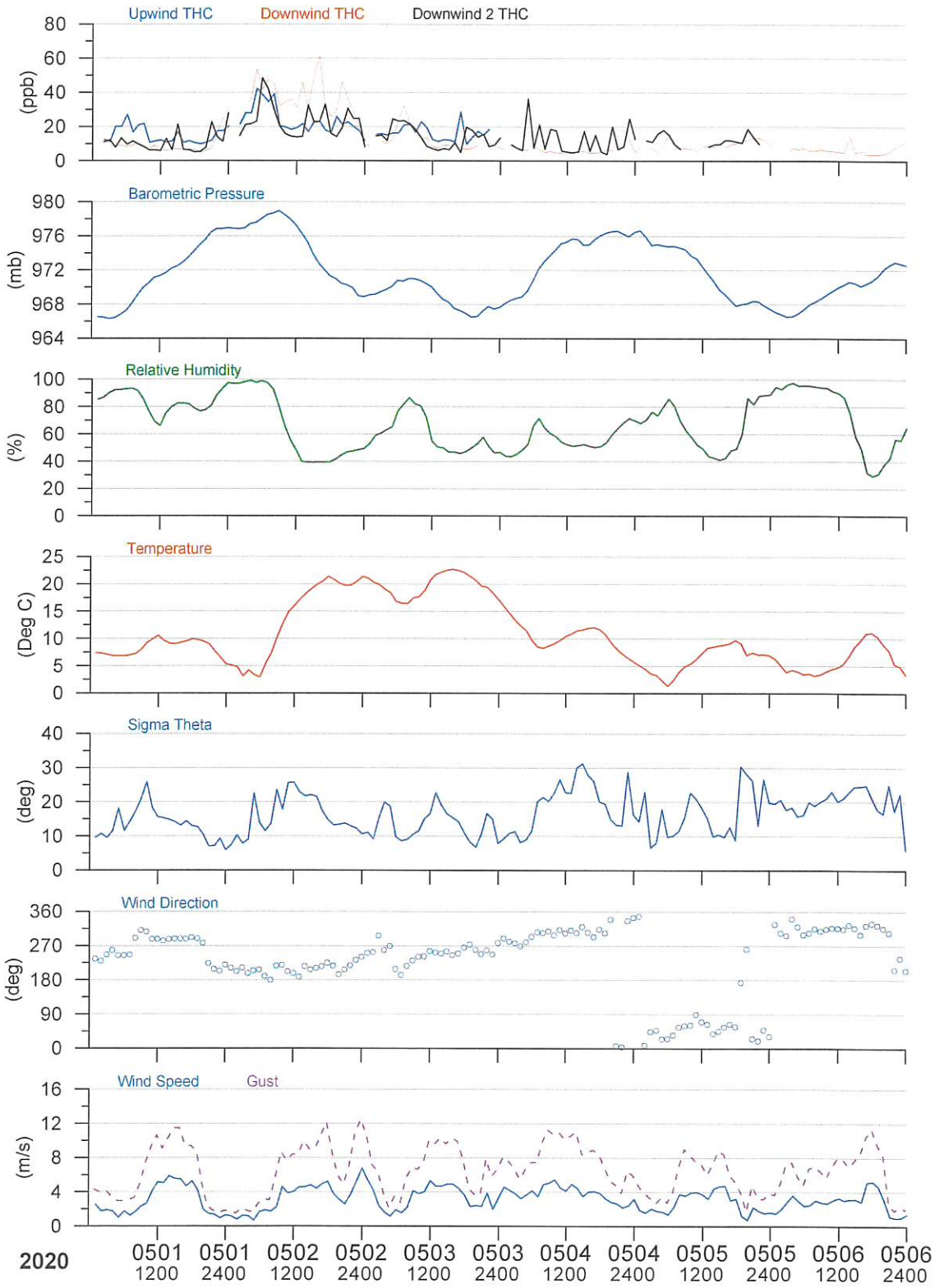
MarkWest HarmonCreek Plots



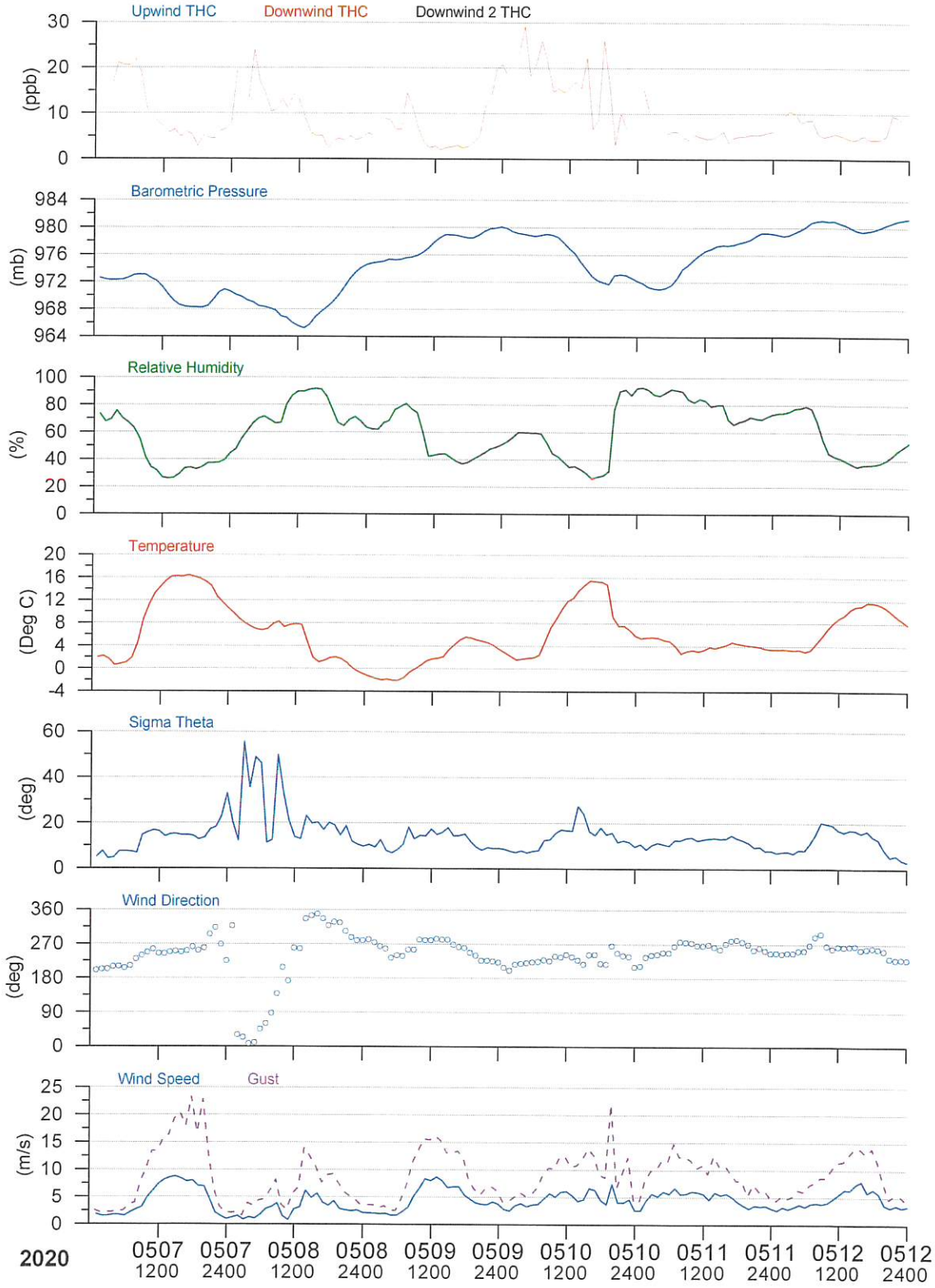
MarkWest HarmonCreek Plots



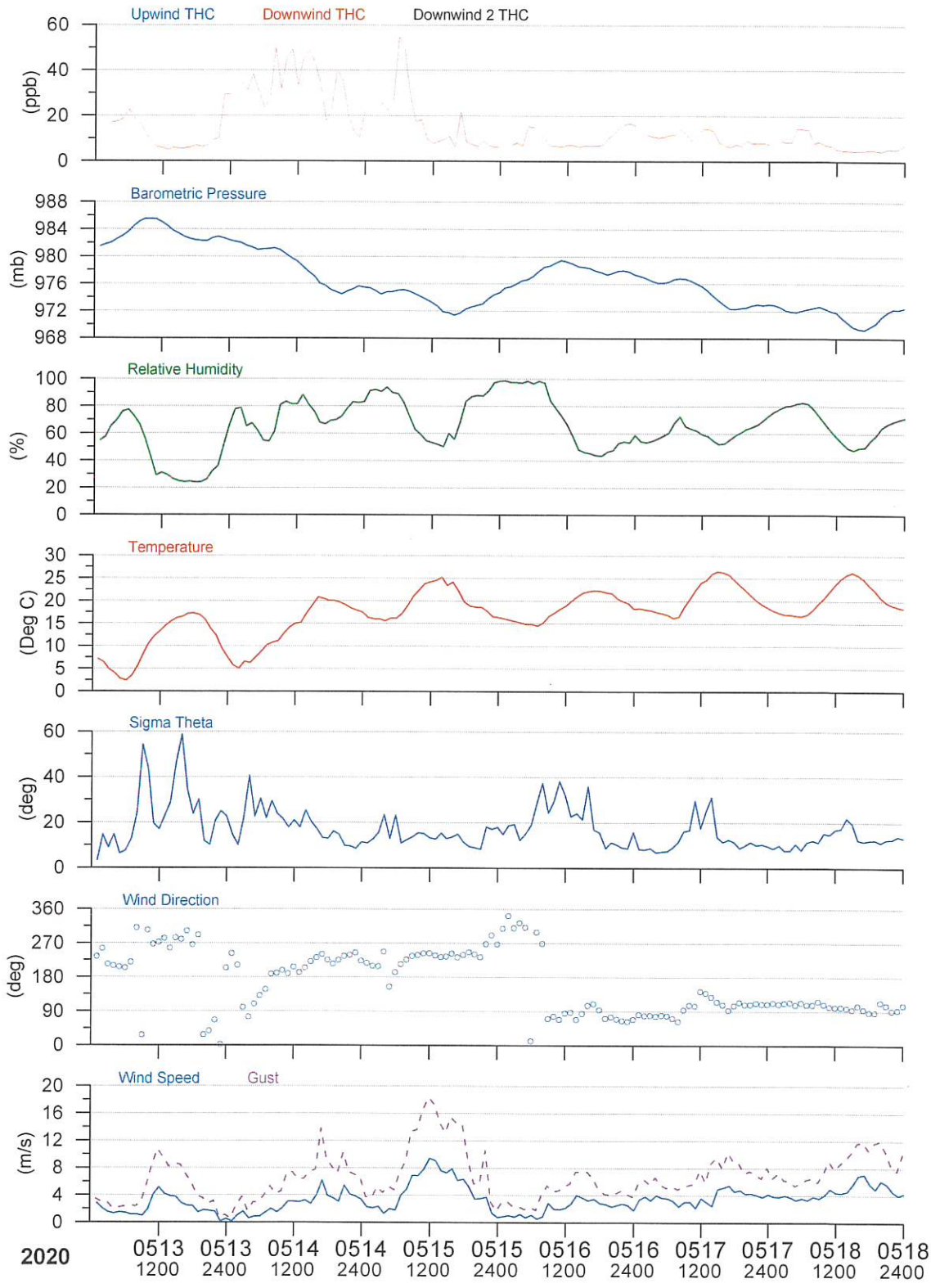
MarkWest HarmonCreek Plots



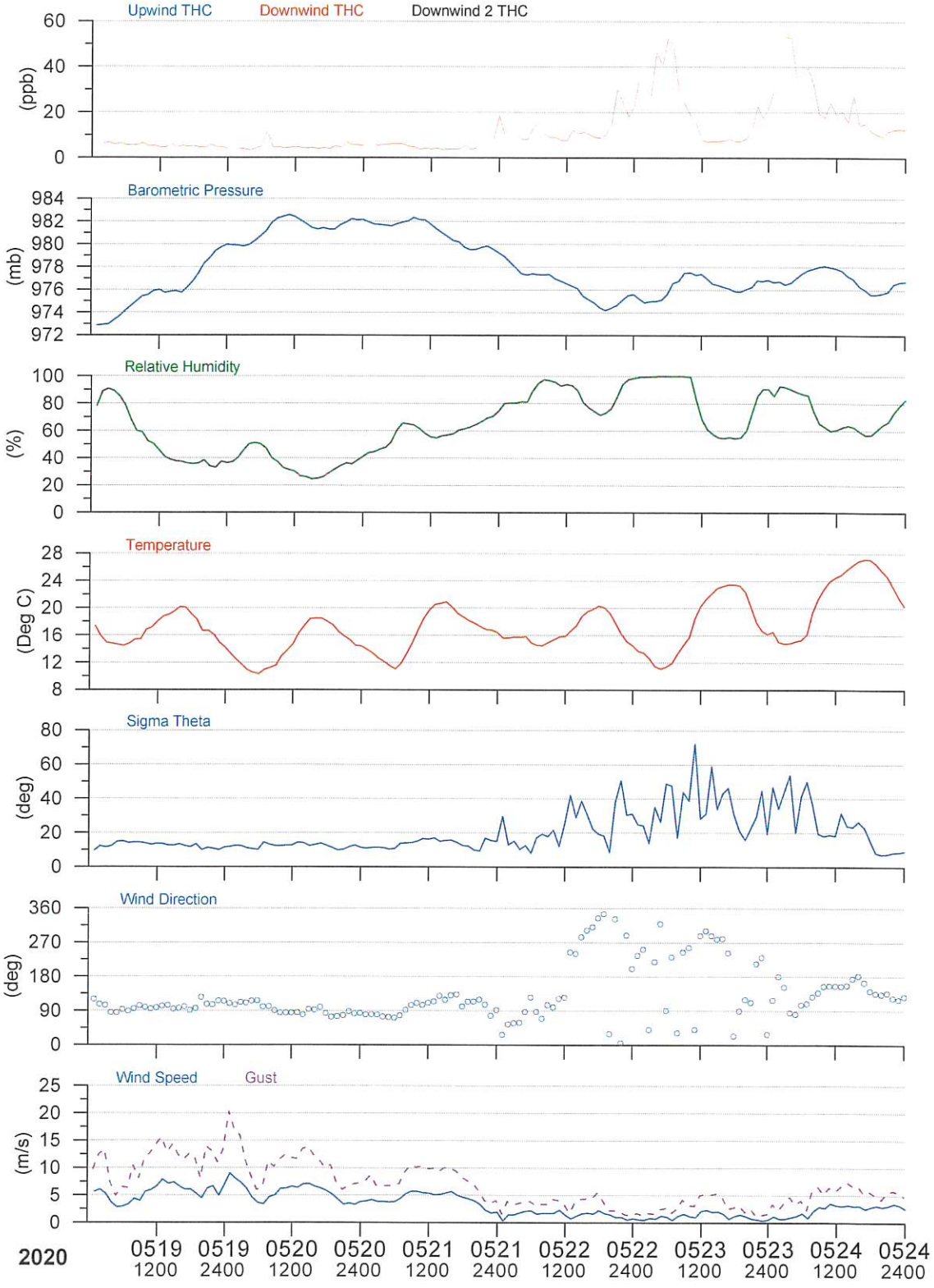
MarkWest HarmonCreek Plots



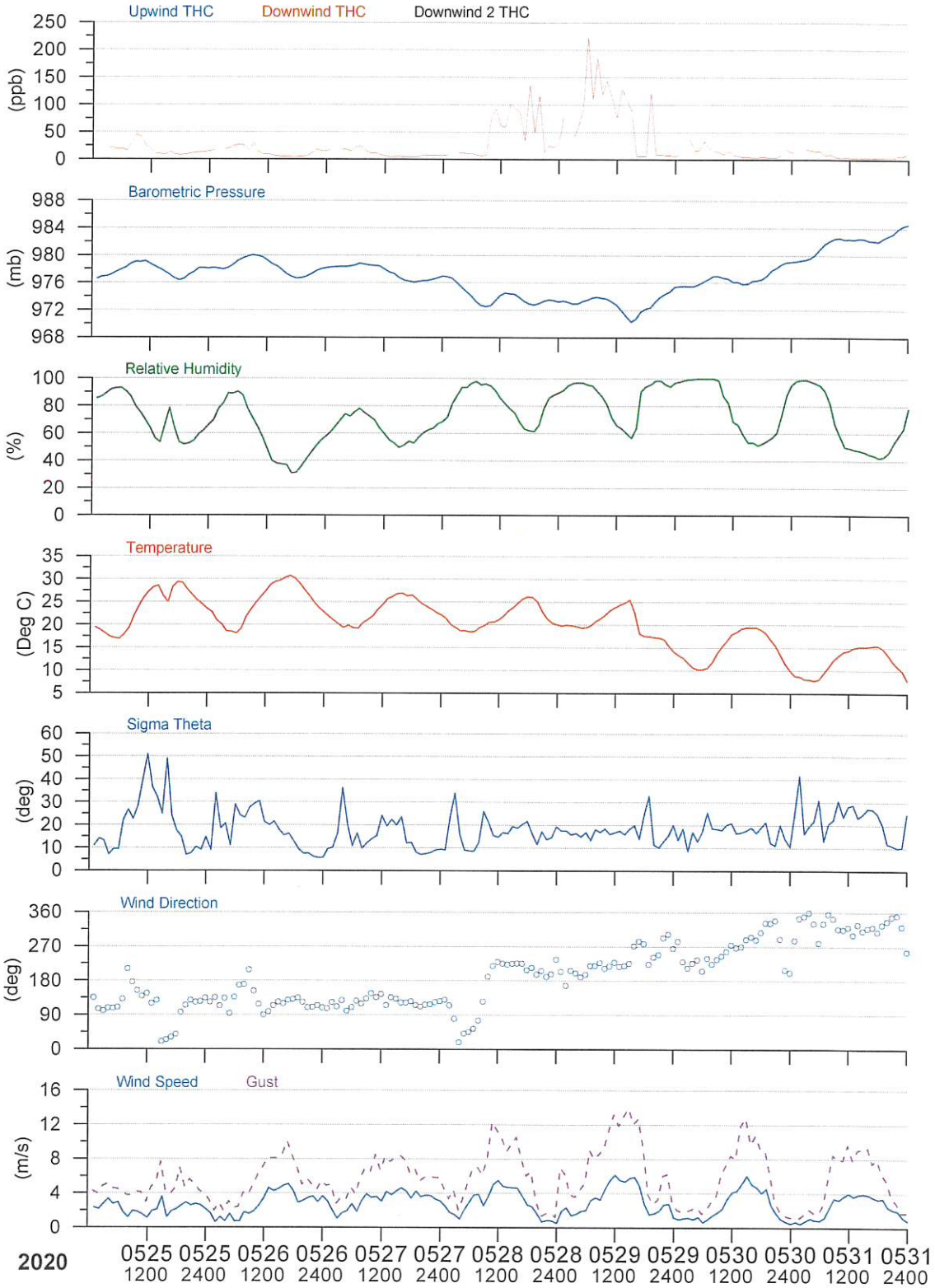
MarkWest HarmonCreek Plots



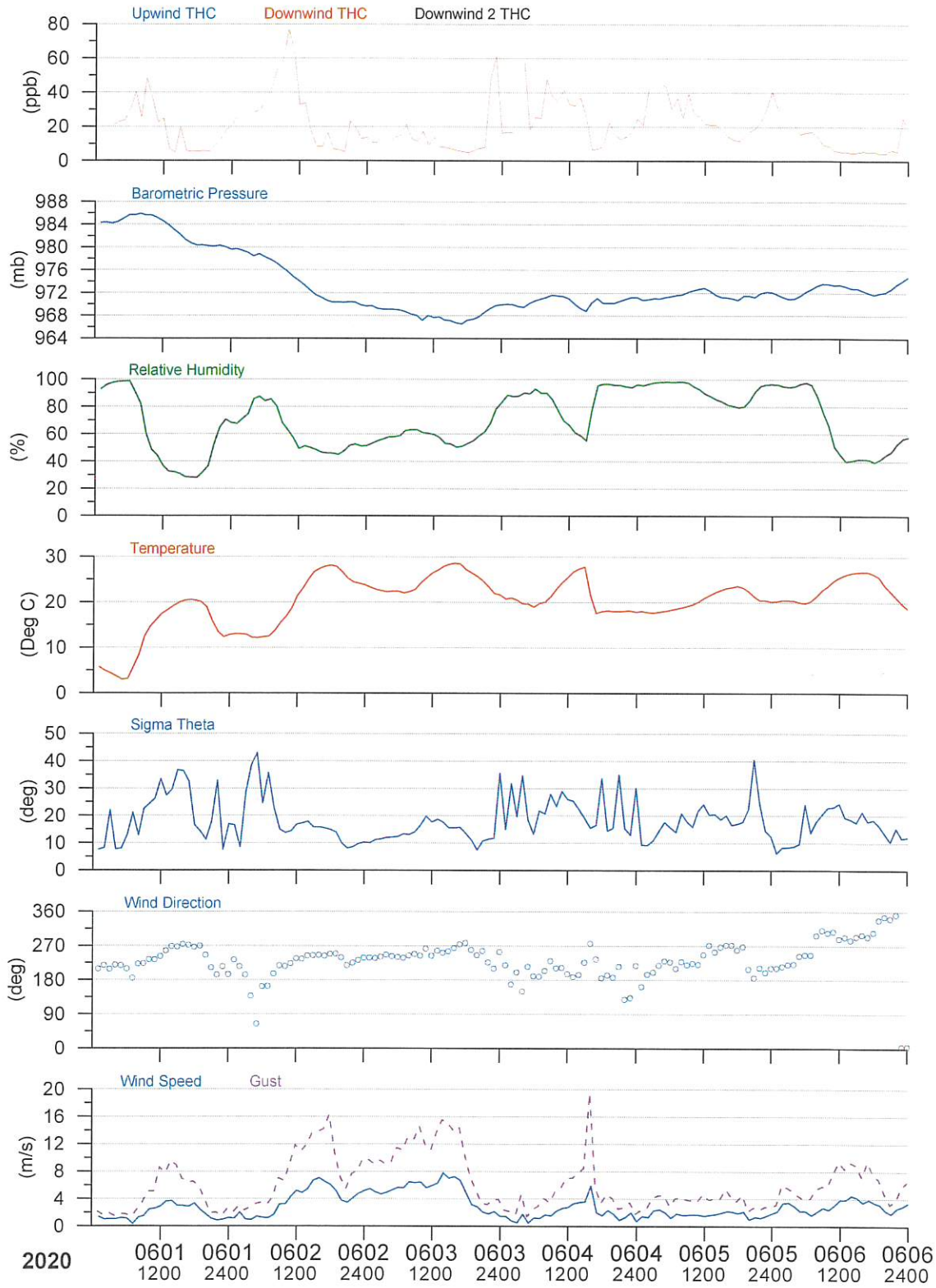
MarkWest HarmonCreek Plots



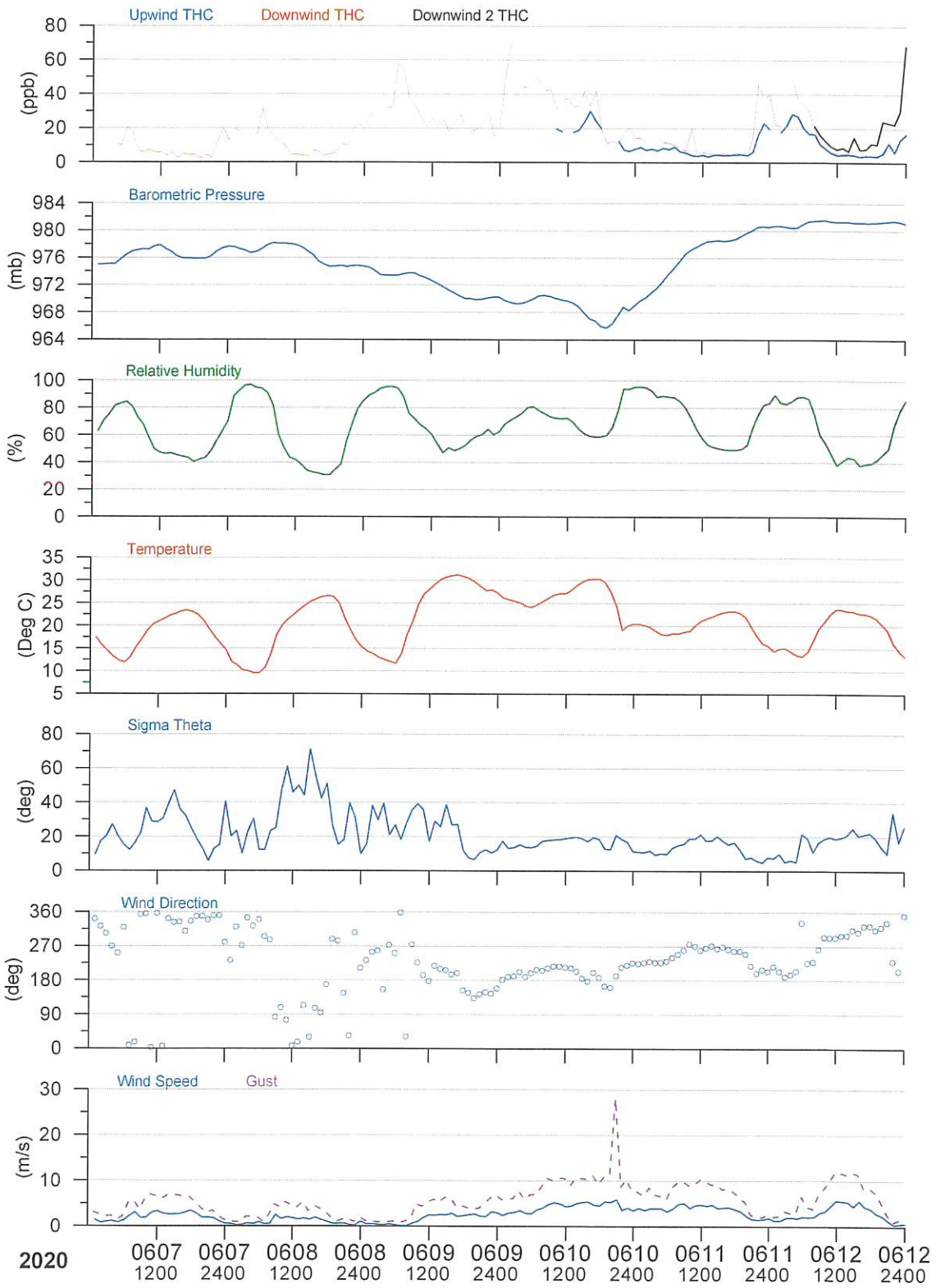
MarkWest HarmonCreek Plots



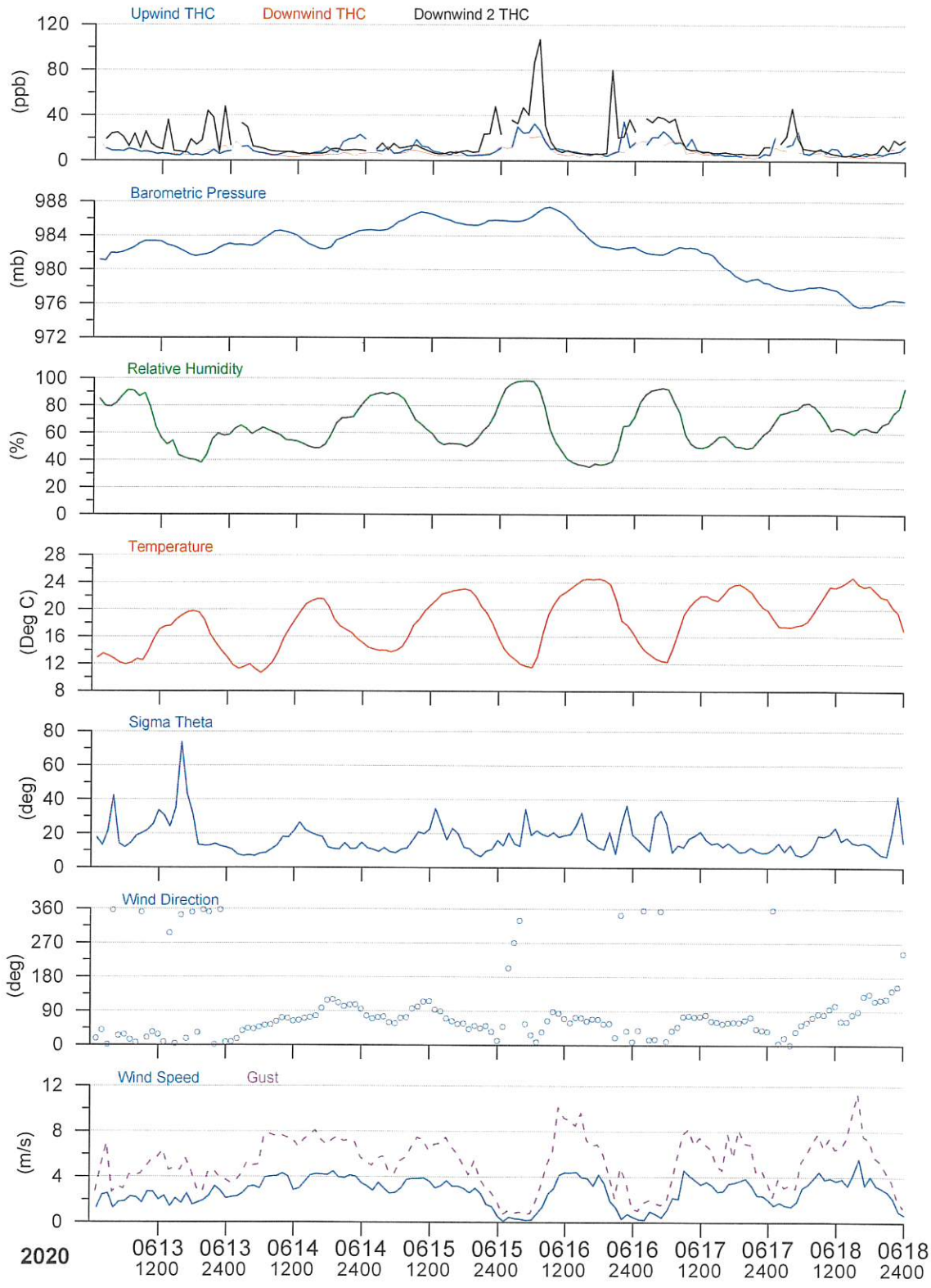
MarkWest HarmonCreek Plots



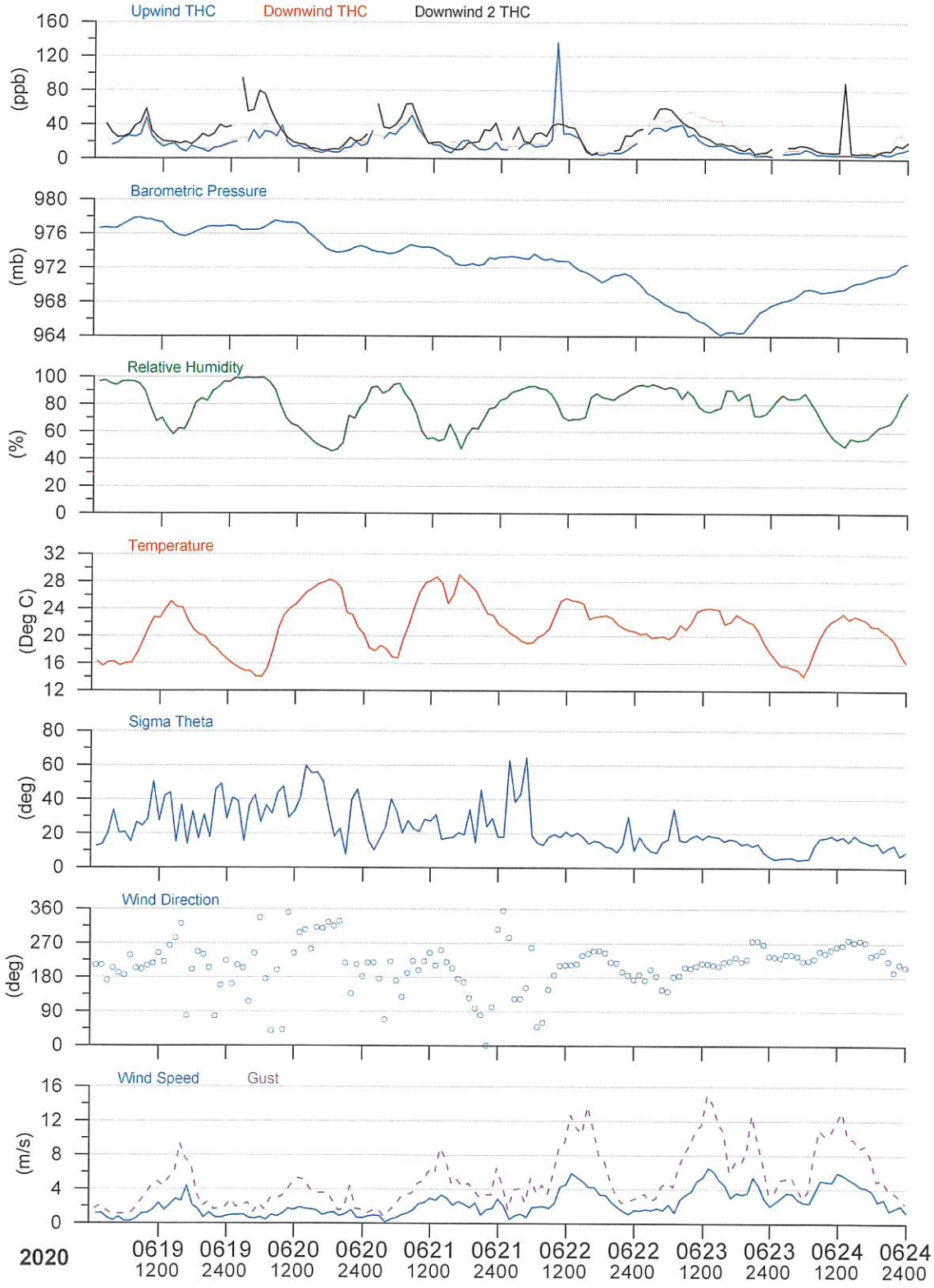
MarkWest HarmonCreek Plots



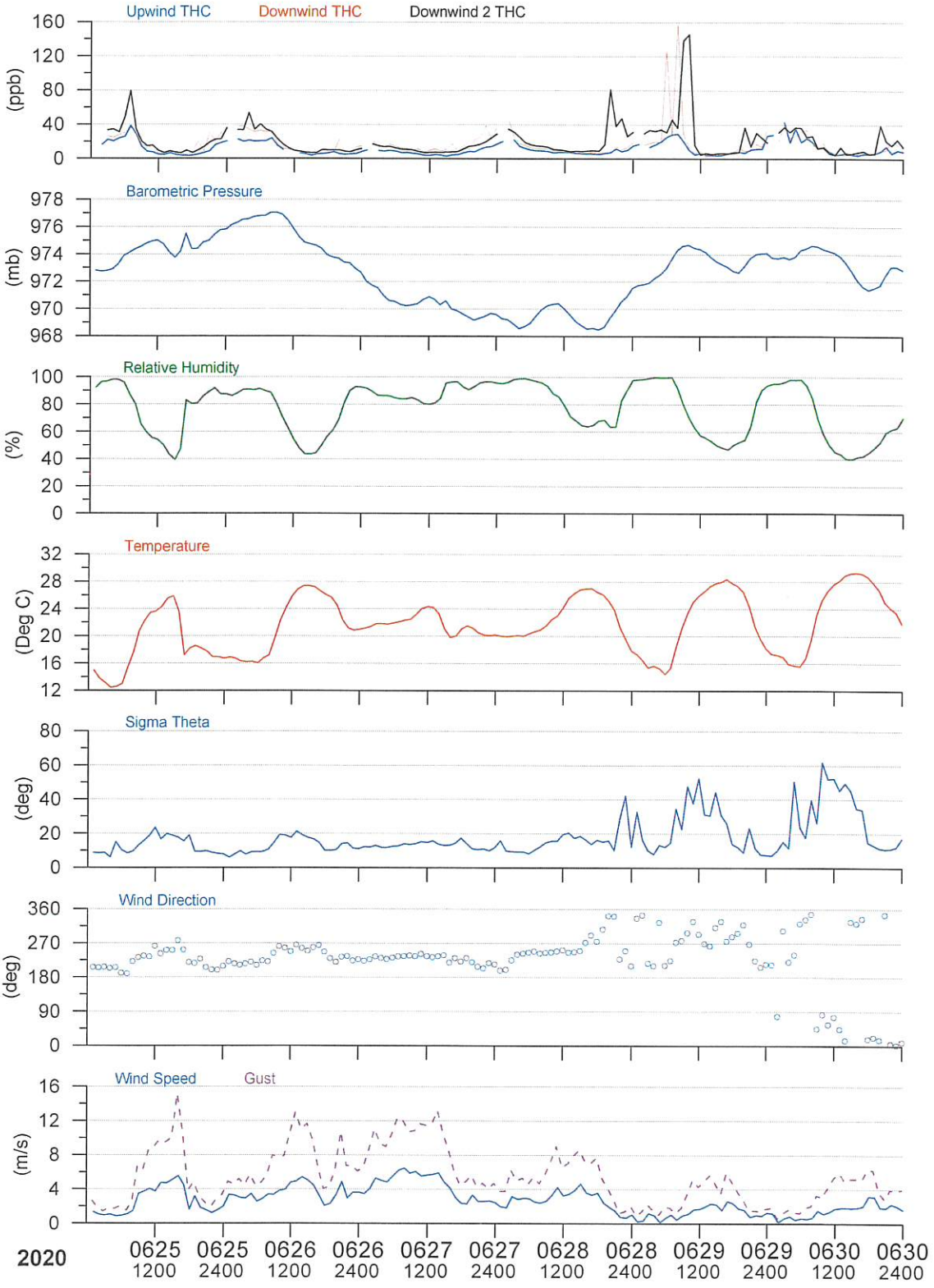
MarkWest HarmonCreek Plots



MarkWest HarmonCreek Plots



MarkWest HarmonCreek Plots



APPENDIX B. HOURLY AIR TOXIC DATA FOR APRIL THROUGH JUNE 2020

HarmonCreek

UPWIND PROPANE in ppb for APRIL, 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	1.8	---	1.9	2.4	2.5	2.3	2.0	2.3	2.3	2.1	1.4	1.3	1.1	1.1	1.3	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.9	1.7	**1.4**	**2.5**	**0.6**
2	2.2	---	1.5	1.9	1.7	1.7	1.8	1.7	1.2	1.2	0.8	0.7	0.7	0.6	0.6	0.8	0.6	0.6	0.7	0.8	0.9	0.9	1.1	---	**1.1**	**2.2**	**0.6**
3	1.0	1.0	1.1	1.8	1.5	1.5	1.8	2.0	1.1	1.0	0.7	0.6	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.7	0.9	0.9	1.0	---	**1.0**	**2.0**	**0.5**
4	1.3	2.3	2.2	2.9	5.5	6.8	8.8	4.4	1.8	1.4	1.3	1.0	0.7	0.7	0.5	0.4	0.8	0.9	1.9	2.7	1.3	1.4	1.3	---	**2.3**	**8.8**	**0.4**
5	2.5	4.0	8.9	6.7	9.2	6.6	7.4	7.5	5.1	3.4	2.7	2.7	1.9	1.1	1.2	1.3	1.4	1.3	1.0	1.1	0.9	1.0	1.0	---	**3.5**	**9.2**	**0.9**
6	1.7	1.6	1.8	1.5	1.8	4.1	3.4	2.0	1.7	1.8	1.1	2.1	1.0	1.0	1.4	1.4	1.2	1.2	1.3	1.6	3.2	3.8	6.2	---	**2.1**	**6.2**	**1.0**
7	7.6	6.6	6.6	9.4	8.5	11.7	8.8	11.9	10.5	8.6	8.6	9.7	9.6	2.9	2.8	2.7	2.3	3.4	4.2	6.2	7.4	9.8	8.2	---	**7.3**	**11.9**	**2.3**
8	---	---	1.5	1.0	1.1	1.6	2.8	2.7	3.2	2.1	1.5	1.4	1.2	1.1	0.9	0.7	0.8	0.8	0.7	1.3	2.0	6.3	3.7	7.7	**2.1**	**7.7**	**0.7**
9	---	1.3	1.4	1.4	1.9	1.2	1.4	0.9	0.7	1.0	0.8	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.9	0.7	0.7	0.7	0.8	**0.9**	**1.9**	**0.6**
10	---	0.9	0.9	0.9	1.0	1.0	0.9	0.7	0.7	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	1.0	**0.7**	**1.0**	**0.4**
11	---	1.7	1.4	1.3	1.4	1.7	1.9	1.5	1.2	0.8	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.9	1.0	1.1	1.6	4.4	4.4	5.0	**1.6**	**5.0**	**0.7**
12	---	6.6	12.0	6.3	10.7	7.1	7.7	6.5	7.5	4.1	3.7	3.1	3.4	1.9	1.3	1.2	2.0	3.8	5.0	1.6	0.8	5.3	3.1	1.4	**4.6**	**12.0**	**0.8**
13	---	1.3	2.5	2.9	2.2	3.4	2.5	2.1	2.3	2.2	1.3	1.1	1.1	1.1	0.9	0.9	0.8	0.8	0.7	0.7	0.8	0.9	1.0	0.9	**1.5**	**3.4**	**0.7**
14	---	1.0	1.1	1.2	1.5	1.7	1.9	0.7	0.7	0.8	0.6	0.6	0.7	0.8	1.0	0.8	0.8	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.9	0.8	0.8	1.1	1.2	1.1	1.2	---	**---**	**---**	**---**
16	1.4	1.1	1.4	1.2	1.2	1.1	0.9	1.0	0.9	0.7	0.8	0.8	0.7	0.8	0.7	---	---	0.6	0.6	0.7	1.5	1.2	3.0	2.1	**1.1**	**3.0**	**0.6**
17	---	3.1	8.5	12.5	6.0	7.0	6.5	6.1	3.8	2.1	1.8	2.1	2.1	2.0	1.7	2.8	3.9	4.9	3.9	2.1	1.4	1.5	1.5	1.8	**3.9**	**12.5**	**1.4**
18	---	2.1	1.9	1.8	1.4	1.2	0.8	0.6	0.5	0.5	0.7	0.7	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.9	0.9	1.0	1.6	3.3	**1.1**	**3.3**	**0.5**
19	---	5.5	4.4	6.8	7.0	8.2	7.0	6.2	4.1	2.5	2.4	2.4	2.7	3.0	2.5	2.2	1.9	2.0	1.3	1.5	1.7	1.9	2.3	2.7	**3.6**	**8.2**	**1.3**
20	---	1.3	1.7	2.2	1.4	1.3	0.8	1.1	1.0	1.0	0.8	0.4	0.6	0.5	0.3	0.3	0.6	0.6	0.6	0.6	1.6	3.8	3.6	4.8	**1.3**	**4.8**	**0.3**
21	---	4.6	2.7	2.3	1.5	0.8	1.1	0.6	0.4	0.6	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	0.6	**0.9**	**4.6**	**0.4**
22	---	0.8	0.8	0.9	1.2	1.1	1.5	1.1	0.7	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.8	1.3	0.9	0.9	1.7	3.2	---	**1.0**	**3.2**	**0.6**
23	1.9	3.6	3.2	4.7	4.1	3.7	4.0	4.7	5.6	6.4	6.6	4.1	2.9	2.3	2.8	2.6	3.7	2.2	4.5	6.0	5.3	1.7	1.1	---	**3.8**	**6.6**	**1.1**
24	1.1	1.5	1.8	1.8	1.7	1.7	1.9	2.4	2.2	1.9	1.8	1.6	1.5	1.5	1.3	1.0	0.9	0.6	0.5	0.5	0.7	1.8	1.6	---	**1.4**	**2.4**	**0.5**
25	2.0	1.2	2.5	2.4	4.8	3.9	4.1	---	---	2.1	2.4	1.5	1.8	1.9	1.6	1.6	2.5	3.0	5.3	1.7	1.7	1.7	2.7	2.9	**2.5**	**5.3**	**1.2**
26	---	5.8	3.8	3.9	4.1	5.0	6.5	6.0	6.1	3.6	2.6	0.8	1.0	0.8	0.8	1.3	1.1	1.0	0.9	1.1	1.2	1.0	1.0	0.8	**2.6**	**6.5**	**0.8**
27	---	0.7	0.5	0.5	0.4	0.4	0.4	0.5	0.6	1.0	0.4	0.4	0.4	0.3	0.4	---	0.5	0.3	0.4	0.8	1.1	2.9	2.8	3.7	**0.9**	**3.7**	**0.3**
28	---	3.2	5.0	1.7	2.9	2.7	3.8	3.8	3.0	2.4	4.5	5.7	5.7	5.1	5.1	6.1	5.8	4.9	5.3	4.2	4.1	7.2	4.7	7.7	**4.5**	**7.7**	**1.7**
29	---	4.8	6.9	4.9	3.5	3.3	3.7	3.7	3.6	3.8	2.7	2.2	3.1	1.9	3.0	2.2	3.9	2.4	1.7	2.8	1.8	1.4	1.3	0.5	**3.0**	**6.9**	**0.5**
30	---	1.6	2.1	10.2	2.9	1.4	1.8	2.3	2.2	2.2	2.4	3.1	3.2	1.2	0.8	0.7	0.8	0.7	0.8	0.8	0.7	0.7	0.8	1.0	**1.9**	**10.2**	**0.7**
MEAN	**---**	**2.7**	**3.2**	**3.4**	**3.3**	**3.3**	**3.4**	**3.1**	**2.7**	**2.1**	**1.9**	**1.8**	**1.8**	**1.3**	**1.3**	**1.3**	**1.4**	**1.4**	**1.6**	**1.6**	**1.7**	**2.3**	**2.3**	**---**	**2.2**		
MAX	**7.6**	**6.6**	**12.0**	**12.5**	**10.7**	**11.7**	**8.8**	**11.9**	**10.5**	**8.6**	**8.6**	**9.7**	**9.6**	**5.1**	**5.1**	**6.1**	**5.8**	**4.9**	**5.3**	**6.2**	**7.4**	**9.8**	**8.2**	**7.7**		**12.5**	
MIN	**1.0**	**0.7**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**			**0.3**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 2.2 ppb

MAXIMUM UPWIND PROPANE = 12.5 ppb DATE OF OCCURRENCE = 4/17 AT 0400 MAXIMUM DAILY MEAN = 7.3 ppb DATE OF OCCURRENCE = 4/7

MINIMUM UPWIND PROPANE = 0.3 ppb DATE OF OCCURRENCE = 4/20 AT 1500 MINUMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

UPWIND PROPANE in ppb for MAY, 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	1.1	1.5	1.4	0.9	1.1	1.2	1.2	0.8	1.2	0.7	0.5	0.6	0.7	0.6	0.4	0.6	0.5	0.6	0.6	1.1	2.0	1.9	**1.0**	**2.0**	**0.4**
2	---	3.3	6.2	5.4	10.1	9.2	7.4	8.5	4.3	3.3	2.1	2.1	2.2	2.8	4.7	4.5	3.6	3.0	2.6	3.0	2.9	3.2	3.1	1.2	**4.3**	**10.1**	**1.2**
3	---	0.7	1.3	1.5	1.3	1.7	2.3	4.0	2.2	1.2	0.9	0.5	0.4	0.5	0.9	0.9	0.7	0.2	0.3	1.2	1.4	0.9	---	---	**1.2**	**4.0**	**0.2**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**3.3**	**6.2**	**5.4**	**10.1**	**9.2**	**7.4**	**8.5**	**4.3**	**3.3**	**2.1**	**2.1**	**2.2**	**2.8**	**4.7**	**4.5**	**3.6**	**3.0**	**2.6**	**3.0**	**2.9**	**3.2**	**3.1**	**1.9**		**10.1**	
MIN	---	**0.7**	**1.1**	**1.5**	**1.3**	**0.9**	**1.1**	**1.2**	**1.2**	**0.8**	**0.9**	**0.5**	**0.4**	**0.5**	**0.7**	**0.6**	**0.4**	**0.2**	**0.3**	**0.6**	**0.6**	**0.9**	**2.0**	**1.2**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 2.2 ppb

MAXIMUM UPWIND PROPANE = 10.1 ppb DATE OF OCCURRENCE = 5/2 AT 0500 MAXIMUM DAILY MEAN = 4.3 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND PROPANE = 0.2 ppb DATE OF OCCURRENCE = 5/3 AT 1800 MINUMUM DAILY MEAN = 1.0 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

UPWIND PROPANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	3.7	3.7	---	3.6	2.5	2.7	2.9	2.7	2.1	---	---	0.9	0.5	1.1	1.4	---	---	---
11	1.7	1.4	1.7	1.3	1.8	1.6	1.7	1.2	0.9	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	3.3	4.5	4.5	**1.3**	**4.5**	**0.3**
12	---	4.0	5.4	7.5	7.2	4.9	3.2	3.3	1.9	1.3	0.7	0.5	0.4	0.5	0.3	0.2	0.3	0.3	0.2	0.4	2.0	0.8	2.7	3.2	**2.2**	**7.5**	**0.2**
13	---	1.5	1.2	1.4	1.3	1.3	1.2	1.1	1.0	1.1	0.7	0.8	0.6	0.5	0.5	0.9	0.5	0.6	0.5	0.7	2.2	0.5	1.3	1.2	**1.0**	**2.2**	**0.5**
14	---	1.7	1.5	1.2	0.8	0.7	0.4	0.4	0.6	0.9	0.9	0.7	0.5	0.6	1.2	1.0	2.0	1.4	0.9	2.6	3.6	3.5	3.7	3.8	**1.5**	**3.8**	**0.4**
15	---	1.6	1.3	2.4	0.9	0.9	1.4	1.5	3.2	2.1	2.0	1.2	1.0	0.7	0.7	1.1	0.9	0.5	0.4	0.5	0.6	0.7	1.0	1.6	**1.2**	**3.2**	**0.4**
16	---	2.8	8.3	6.1	5.5	7.1	5.4	3.0	1.7	2.0	1.7	1.3	1.2	1.1	0.6	0.5	0.9	0.6	0.4	0.6	0.7	2.3	2.2	2.2	**2.5**	**8.3**	**0.4**
17	---	2.6	3.1	3.3	4.9	4.0	2.8	3.0	2.4	4.3	1.7	1.4	1.3	0.6	0.6	0.5	0.7	0.4	0.4	---	---	0.3	0.4	0.6	**1.9**	**4.9**	**0.3**
18	4.6	---	1.4	3.6	5.3	1.2	0.7	1.6	1.8	1.0	1.9	1.6	0.6	0.7	1.3	0.8	0.6	0.9	0.9	0.5	1.1	1.0	1.8	3.2	**1.7**	**5.3**	**0.5**
19	4.6	---	3.9	4.6	6.3	7.3	6.3	6.6	10.4	5.8	3.5	3.4	3.7	3.4	2.1	1.5	2.6	2.8	2.2	1.5	1.5	3.3	4.0	4.8	**4.2**	**10.4**	**1.5**
20	4.5	---	4.6	8.1	5.8	8.8	7.4	6.3	7.5	4.1	3.0	2.7	1.6	1.0	0.7	0.8	1.0	1.2	1.0	2.5	1.8	3.7	2.8	2.5	**3.6**	**8.8**	**0.7**
21	8.1	---	4.8	7.5	7.3	9.9	10.3	10.6	9.5	5.2	2.9	3.5	3.2	1.5	1.3	1.1	1.1	2.4	3.5	1.9	2.3	2.8	3.9	2.3	**4.6**	**10.6**	**1.1**
22	2.5	---	2.2	4.6	4.3	2.9	2.8	3.3	4.5	7.3	5.8	5.9	6.3	4.4	1.3	0.7	0.8	1.0	1.3	1.2	1.3	2.2	3.7	4.9	**3.3**	**7.3**	**0.7**
23	---	7.5	10.8	10.3	10.3	10.8	10.0	7.6	7.2	7.0	5.4	4.6	3.6	3.6	3.2	3.0	2.7	1.6	1.1	1.7	0.5	0.5	0.5	0.3	**4.9**	**10.8**	**0.3**
24	---	0.8	1.0	1.3	1.0	2.2	2.0	0.9	0.8	0.7	0.7	0.5	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1.3	2.3	2.5	**1.0**	**2.5**	**0.4**
25	---	4.2	6.2	6.3	7.0	7.3	8.4	8.2	3.4	2.0	1.2	0.5	0.5	1.1	0.4	0.4	0.4	0.3	0.5	0.8	1.9	4.2	5.2	5.6	**3.3**	**8.4**	**0.3**
26	---	6.4	5.8	5.5	5.6	5.6	5.7	6.6	3.7	2.0	---	---	0.8	0.5	0.5	0.5	0.7	0.7	0.6	0.8	0.8	0.7	1.2	1.7	**2.7**	**6.6**	**0.5**
27	2.2	---	2.0	1.5	2.2	2.0	1.7	1.5	1.2	0.9	0.7	0.7	0.7	0.6	0.6	0.9	1.2	1.4	2.5	2.3	3.2	4.1	4.2	4.7	**1.9**	**4.7**	**0.6**
28	6.1	---	6.3	4.1	3.1	2.4	2.0	1.9	1.9	1.5	1.7	1.0	1.1	0.7	0.7	0.7	0.8	0.1	0.9	1.1	2.3	1.3	2.0	3.5	**2.0**	**6.3**	**0.1**
29	4.1	---	3.1	3.7	5.1	7.2	7.7	7.0	4.3	1.6	0.7	0.6	0.3	0.3	0.3	0.5	0.7	0.5	0.7	0.7	2.1	1.4	2.0	4.5	**2.6**	**7.7**	**0.3**
30	6.0	---	6.8	3.6	7.2	3.8	5.1	3.4	2.3	1.7	0.7	0.6	0.3	0.8	0.4	0.5	0.4	0.4	0.6	0.6	3.0	0.5	2.2	1.7	**2.3**	**7.2**	**0.3**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**8.1**	**7.5**	**10.8**	**10.3**	**10.3**	**10.8**	**10.3**	**10.6**	**10.4**	**7.3**	**5.8**	**5.9**	**6.3**	**4.4**	**3.2**	**3.0**	**2.7**	**2.8**	**3.5**	**2.6**	**3.6**	**4.2**	**5.2**	**5.6**		**10.8**	
MIN	**1.7**	**0.8**	**1.0**	**1.2**	**0.8**	**0.7**	**0.4**	**0.4**	**0.6**	**0.4**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.1**	**0.2**	**0.4**	**0.5**	**0.3**	**0.4**	**0.3**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 2.5 ppb

MAXIMUM UPWIND PROPANE = 10.8 ppb DATE OF OCCURRENCE = 6/23 AT 0600 MAXIMUM DAILY MEAN = 4.9 ppb DATE OF OCCURRENCE = 6/23

MINIMUM UPWIND PROPANE = 0.1 ppb DATE OF OCCURRENCE = 6/28 AT 1800 MINUMUM DAILY MEAN = 1.0 ppb DATE OF OCCURRENCE = 6/24

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

HarmonCreek

UPWIND BUTANE in ppb for APRIL, 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	0.8	---	0.8	0.8	0.9	0.9	0.6	0.7	0.8	0.7	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5	**0.5**	**0.9**	**0.2**
2	0.7	---	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	---	**0.4**	**0.7**	**0.2**
3	0.3	0.3	0.4	0.6	0.5	0.6	1.0	0.9	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	**0.4**	**1.0**	**0.2**
4	0.7	1.1	1.0	1.4	2.4	2.8	4.5	2.0	0.6	0.4	0.6	1.2	1.2	0.6	0.5	0.1	0.3	0.3	0.6	1.2	0.7	0.7	0.6	---	**1.1**	**4.5**	**0.1**
5	1.3	2.2	5.0	2.9	3.3	3.2	3.1	3.2	2.8	1.6	1.0	1.1	0.7	0.4	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	---	**1.6**	**5.0**	**0.3**
6	0.5	0.5	0.6	0.5	0.7	1.2	0.8	0.6	1.1	1.0	0.9	3.2	0.5	0.9	2.2	1.4	1.4	0.8	1.0	0.7	1.4	1.9	2.6	---	**1.1**	**3.2**	**0.5**
7	3.0	2.9	3.6	4.2	3.8	5.5	4.0	5.3	4.9	3.9	4.7	8.1	7.6	2.2	1.2	1.1	1.6	3.3	4.9	2.7	2.4	2.9	2.9	---	**3.8**	**8.1**	**1.1**
8	---	---	0.3	0.6	0.4	1.4	1.3	1.5	1.4	0.8	0.6	0.5	0.5	0.4	0.3	0.2	0.3	0.3	0.3	0.5	0.9	1.9	1.6	2.8	**0.8**	**2.8**	**0.2**
9	---	5.8	2.5	0.6	0.8	0.5	0.6	0.3	0.2	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	**0.6**	**5.8**	**0.2**
10	---	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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	**0.2**	**0.3**	**0.1**
11	---	0.6	0.5	0.4	0.5	0.6	0.6	0.5	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.6	2.3	1.8	2.0	**0.6**	**2.3**	**0.2**
12	---	4.0	5.4	2.9	3.3	4.1	2.6	3.8	2.5	4.8	5.0	4.5	1.8	1.0	1.0	5.7	0.9	1.1	1.5	2.9	3.3	1.9	1.0	0.9	**2.9**	**5.7**	**0.9**
13	---	1.2	1.2	0.8	1.4	2.5	4.7	4.0	1.5	0.9	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	**1.0**	**4.7**	**0.2**
14	---	0.4	0.4	0.4	0.5	0.5	0.6	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.2	0.3	0.4	0.4	0.3	0.4	---	**---**	**---**	**---**
16	0.4	0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	---	---	0.2	0.1	0.2	0.8	0.4	1.1	1.0	**0.4**	**1.1**	**0.1**
17	---	1.0	2.7	3.8	2.3	2.6	2.6	2.6	2.4	0.8	1.0	0.6	0.5	0.6	1.3	1.0	1.3	2.0	1.5	0.8	0.5	0.5	0.5	0.6	**1.5**	**3.8**	**0.5**
18	---	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.6	1.3	**0.3**	**1.3**	**0.1**
19	---	2.7	2.0	2.9	2.8	3.4	2.5	2.3	1.7	1.0	0.9	1.1	1.7	2.1	1.3	1.1	1.4	0.9	0.4	0.6	0.6	0.8	1.0	1.0	**1.6**	**3.4**	**0.4**
20	---	0.6	0.5	0.8	0.4	0.4	0.2	0.3	0.3	0.4	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	4.4	1.9	1.7	2.2	**0.7**	**4.4**	**0.1**
21	---	2.0	1.2	0.9	0.6	0.3	0.4	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	0.0	0.1	0.2	**0.3**	**2.0**	**0.0**
22	---	0.3	0.2	0.2	0.4	0.3	0.5	0.4	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.5	0.8	---	**0.3**	**0.8**	**0.1**
23	0.7	1.2	1.0	1.4	1.2	1.3	1.3	1.6	1.7	3.2	3.8	1.6	1.0	1.2	1.1	0.9	1.0	0.8	1.5	1.3	1.2	0.5	0.5	---	**1.3**	**3.8**	**0.5**
24	0.5	0.6	0.9	0.8	0.6	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.2	0.3	0.7	0.6	---	**0.5**	**0.9**	**0.1**
25	0.7	0.4	1.0	0.9	1.3	1.2	1.4	---	---	1.3	1.5	0.2	0.5	0.2	1.6	0.3	0.3	0.5	0.9	4.3	0.6	0.3	0.4	0.5	**0.9**	**4.3**	**0.2**
26	---	0.7	0.5	1.0	1.2	1.3	1.4	1.4	1.3	0.9	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.2	0.3	0.1	0.0	0.0	0.0	**0.5**	**1.4**	**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	10.7	0.7	0.6	0.9	**0.6**	**10.7**	**0.0**
28	---	0.5	0.8	0.2	0.4	1.3	0.2	0.5	0.4	2.5	3.3	6.2	4.5	2.7	2.7	4.3	4.0	1.8	1.6	1.4	1.3	1.8	1.5	2.2	**2.0**	**6.2**	**0.2**
29	---	1.5	1.7	1.4	2.4	1.9	1.3	2.0	5.6	1.3	2.2	2.4	1.2	0.6	0.9	0.7	1.0	1.2	1.1	1.7	0.6	0.7	0.3	0.0	**1.5**	**5.6**	**0.0**
30	---	1.2	0.8	2.4	1.5	0.5	0.7	0.5	2.9	2.8	2.0	3.4	6.5	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**1.1**	**6.5**	**0.0**
MEAN	**---**	**1.3**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**	**1.3**	**1.3**	**1.1**	**1.1**	**1.3**	**1.1**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**	**0.8**	**1.1**	**0.8**	**0.8**	**---**	**1.0**		
MAX	**3.0**	**5.8**	**5.4**	**4.2**	**3.8**	**5.5**	**4.7**	**5.3**	**5.6**	**4.8**	**5.0**	**8.1**	**7.6**	**2.7**	**2.7**	**5.7**	**4.0**	**3.3**	**4.9**	**4.3**	**10.7**	**2.9**	**2.9**	**2.8**		**10.7**	
MIN	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 1.0 ppb

MAXIMUM UPWIND BUTANE = 10.7 ppb DATE OF OCCURRENCE = 4/27 AT 2100 MAXIMUM DAILY MEAN = 3.8 ppb DATE OF OCCURRENCE = 4/7

MINIMUM UPWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 4/26 AT 1600 MINUMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

UPWIND BUTANE in ppb for MAY, 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	0.1	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	0.3	0.2	**0.0**	**0.3**	**0.0**
2	---	0.7	1.4	1.3	2.4	2.1	2.8	4.0	1.3	1.3	1.9	2.2	2.8	0.7	1.6	1.9	0.8	0.5	0.2	1.4	0.6	0.3	0.4	0.0	**1.4**	**4.0**	**0.0**
3	---	0.0	0.0	0.1	0.2	0.2	1.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.2	0.3	0.0	---	---	**0.2**	**1.3**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.7**	**1.4**	**1.3**	**2.4**	**2.1**	**2.8**	**4.0**	**1.3**	**1.3**	**1.9**	**2.2**	**2.8**	**0.7**	**1.6**	**1.9**	**0.8**	**0.5**	**0.2**	**1.4**	**0.6**	**0.3**	**0.4**	**0.2**		**4.0**	
MIN	---	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.3**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 0.5 ppb

MAXIMUM UPWIND BUTANE = 4.0 ppb DATE OF OCCURRENCE = 5/2 AT 0800 MAXIMUM DAILY MEAN = 1.4 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0600 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

UPWIND BUTANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	1.8	1.7	---	1.6	2.0	3.1	3.9	2.9	2.5	---	---	1.3	0.9	0.6	0.7	---	---	---
11	0.8	0.6	0.6	0.5	0.6	0.6	0.6	0.4	0.4	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	1.2	1.7	1.7	**0.5**	**1.7**	**0.1**
12	---	1.8	2.2	2.8	2.8	1.9	1.2	1.3	0.8	0.5	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.7	0.3	1.0	1.0	**0.9**	**2.8**	**0.1**
13	---	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.4	0.3	0.3	0.3	0.4	0.8	0.3	0.4	0.4	**0.4**	**0.8**	**0.2**
14	---	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.5	0.4	0.4	0.7	0.8	0.8	0.8	0.9	**0.4**	**0.9**	**0.2**
15	---	0.4	0.4	0.7	0.4	0.3	0.4	0.5	0.8	0.6	0.8	0.5	0.4	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.6	**0.4**	**0.8**	**0.2**
16	---	0.9	2.7	1.9	1.7	2.0	1.6	1.2	0.8	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.3	4.6	0.7	0.7	**1.0**	**4.6**	**0.2**
17	---	0.8	1.0	0.9	1.4	1.1	0.9	1.1	0.7	1.8	0.5	0.6	0.7	0.3	0.3	0.2	0.3	0.2	0.2	---	---	0.2	0.2	0.3	**0.6**	**1.8**	**0.2**
18	1.5	---	0.5	1.2	3.3	0.5	0.4	0.5	0.9	0.4	0.5	0.6	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.4	0.4	0.6	1.1	**0.7**	**3.3**	**0.2**
19	1.6	---	1.5	1.8	2.3	2.6	2.3	2.4	4.8	2.2	1.8	1.1	1.6	1.9	0.7	0.4	0.7	0.9	0.7	0.5	1.4	1.0	0.0	1.4	**1.6**	**4.8**	**0.0**
20	1.7	---	1.8	2.7	2.0	3.0	2.6	2.1	3.2	1.3	0.9	1.3	1.2	1.0	0.8	0.4	0.9	0.5	0.4	0.8	0.8	1.4	1.0	1.3	**1.4**	**3.2**	**0.4**
21	3.0	---	2.1	2.7	2.4	3.5	4.0	5.3	3.6	3.0	1.8	1.4	1.7	0.6	0.5	1.3	2.7	2.8	1.5	0.6	0.1	0.9	1.2	0.8	**2.1**	**5.3**	**0.1**
22	1.0	---	0.9	1.5	1.6	1.2	1.1	1.2	2.0	25.3	2.6	3.1	2.9	2.7	0.6	0.3	0.3	0.3	0.3	0.4	0.5	0.9	1.5	2.0	**2.4**	**25.3**	**0.3**
23	---	2.7	3.7	3.3	3.1	2.8	2.9	4.6	2.2	2.9	2.3	1.7	1.7	1.7	2.0	1.3	0.9	0.6	0.5	0.8	0.2	0.3	0.3	0.0	**1.8**	**4.6**	**0.0**
24	---	0.4	0.5	0.5	0.4	1.0	0.7	0.4	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.8	1.1	**0.4**	**1.1**	**0.2**
25	---	1.7	2.4	2.5	2.7	3.1	5.0	3.3	1.4	0.8	0.6	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.4	0.8	1.7	2.2	2.3	**1.4**	**5.0**	**0.1**
26	---	2.7	2.4	2.2	2.4	2.3	2.3	2.7	1.4	0.8	---	---	0.3	0.1	0.3	0.2	0.0	0.4	0.3	0.4	0.4	0.3	0.5	0.8	**1.1**	**2.7**	**0.0**
27	1.0	---	0.8	0.5	0.8	0.7	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.5	0.4	0.5	0.6	0.0	1.0	1.3	1.8	1.9	2.2	**0.7**	**2.2**	**0.0**
28	2.6	---	2.8	1.6	1.1	0.9	0.7	0.7	0.9	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.5	0.8	0.6	0.8	1.4	**0.8**	**2.8**	**0.3**
29	1.6	---	1.3	1.6	2.0	2.5	2.8	2.5	1.7	0.5	0.2	0.6	0.2	0.1	0.1	0.2	0.4	0.3	0.4	0.4	0.0	0.7	0.7	3.4	**1.1**	**3.4**	**0.0**
30	3.7	---	3.0	2.0	3.1	1.5	0.2	1.4	0.9	1.5	0.7	0.7	0.6	1.1	0.2	0.3	0.2	0.2	0.2	0.3	0.9	1.1	0.7	0.5	**1.1**	**3.7**	**0.2**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**3.7**	**2.7**	**3.7**	**3.3**	**3.3**	**3.5**	**5.0**	**5.3**	**4.8**	**25.3**	**2.6**	**3.1**	**2.9**	**2.7**	**3.1**	**3.9**	**2.9**	**2.8**	**1.5**	**1.0**	**1.4**	**4.6**	**2.2**	**3.4**		**25.3**	
MIN	**0.8**	**0.4**	**0.4**	**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**	**0.0**	**0.1**	**0.0**	**0.2**	**0.0**	**0.2**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 1.1 ppb

MAXIMUM UPWIND BUTANE = 25.3 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 2.4 ppb DATE OF OCCURRENCE = 6/22

MINIMUM UPWIND BUTANE = 0.0 ppb DATE OF OCCURRENCE = 6/19 AT 2300 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 6/13

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

HarmonCreek

UPWIND PENTANE in ppb for APRIL, 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	---	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.9	**0.9**	**1.1**	**0.7**
2	0.9	---	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.6	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	---	**0.8**	**0.9**	**0.6**
3	0.7	0.8	0.8	0.9	0.8	0.9	1.1	1.0	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.9	---	**0.8**	**1.1**	**0.6**
4	1.0	1.1	1.1	1.2	1.6	1.8	2.1	1.4	0.9	0.8	0.9	1.2	1.1	0.9	1.0	0.9	1.0	1.1	1.1	1.3	1.0	1.0	1.0	---	**1.1**	**2.1**	**0.8**
5	1.2	1.6	2.6	1.8	2.0	1.9	1.8	1.9	1.6	1.3	1.0	1.1	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	---	**1.3**	**2.6**	**0.8**
6	0.9	1.0	0.9	0.9	1.0	1.1	1.1	1.0	1.1	1.0	1.1	1.7	1.1	1.2	1.7	1.4	1.4	1.2	1.2	1.0	1.2	1.4	1.6	---	**1.2**	**1.7**	**0.9**
7	1.8	1.7	2.0	2.2	2.0	2.4	2.0	2.5	2.2	1.9	2.1	3.2	3.0	1.4	1.0	1.0	1.1	1.7	2.2	1.5	1.5	1.6	1.7	---	**1.9**	**3.2**	**1.0**
8	---	---	0.9	0.8	0.8	1.1	1.2	1.2	1.1	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	1.0	0.9	0.9	1.1	1.4	1.3	1.7	**1.0**	**1.7**	**0.8**
9	---	3.0	1.6	0.8	0.9	0.7	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.6	0.5	0.7	0.6	0.5	0.6	**0.8**	**3.0**	**0.5**
10	---	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	**0.6**	**0.7**	**0.5**
11	---	0.7	0.7	0.6	0.7	0.8	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.3	1.3	1.3	**0.7**	**1.3**	**0.5**
12	---	1.7	1.9	1.5	1.7	1.8	1.5	1.8	1.5	2.2	2.2	2.3	1.5	1.0	1.0	2.4	1.1	1.1	1.2	1.7	1.9	1.5	1.3	1.2	**1.6**	**2.4**	**1.0**
13	---	1.5	1.4	1.0	1.2	1.5	2.2	2.0	1.2	1.0	0.7	0.7	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	**0.9**	**2.2**	**0.5**
14	---	0.6	0.6	0.6	0.7	0.7	0.8	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	0.5	0.5	0.6	0.6	0.7	0.6	---	**---**	**---**	**---**
16	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.5	---	---	0.5	0.7	0.5	1.1	0.7	1.0	1.2	**0.7**	**1.2**	**0.5**
17	---	1.1	1.6	2.0	1.4	1.5	1.5	1.6	1.4	0.9	1.1	1.0	0.9	0.9	1.1	0.9	1.0	1.2	1.0	0.8	0.6	0.6	1.1	0.8	**1.1**	**2.0**	**0.6**
18	---	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.7	1.1	**0.7**	**1.1**	**0.5**
19	---	1.5	1.3	1.6	1.6	1.8	1.4	1.3	1.0	0.9	0.9	0.9	1.1	1.2	0.9	0.9	1.1	0.9	0.7	0.7	0.8	0.8	0.9	1.3	**1.1**	**1.8**	**0.7**
20	---	1.0	0.9	0.9	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.7	0.6	0.6	1.0	0.7	0.6	0.7	2.0	1.4	1.3	1.5	**0.9**	**2.0**	**0.6**
21	---	1.4	1.0	0.9	0.7	0.6	0.6	0.6	0.6	1.0	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	**0.6**	**1.4**	**0.5**
22	---	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.8	0.7	0.8	0.9	---	**0.6**	**0.9**	**0.5**
23	0.9	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.5	1.7	1.0	0.8	0.9	0.9	0.9	1.0	0.9	1.1	1.0	1.0	0.8	0.8	---	**1.1**	**1.7**	**0.8**
24	0.8	0.9	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.8	0.9	9.9	0.8	0.8	0.7	0.7	0.7	0.7	0.9	0.9	---	**1.3**	**9.9**	**0.7**
25	0.9	0.8	0.9	1.0	1.1	1.0	1.1	---	---	1.2	1.4	1.0	1.1	1.0	1.6	1.1	1.0	1.0	1.1	2.5	0.9	0.9	0.9	1.0	**1.1**	**2.5**	**0.8**
26	---	1.1	0.9	1.0	1.0	1.0	1.1	1.1	1.0	1.0	0.9	0.8	0.9	0.9	0.9	1.0	0.9	24.5	0.8	0.9	1.0	0.9	0.8	0.8	**2.0**	**24.5**	**0.8**
27	---	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.7	0.7	0.7	---	0.7	0.6	0.6	0.7	4.5	1.2	1.1	1.3	**0.9**	**4.5**	**0.6**
28	---	1.0	1.2	0.9	1.0	1.4	1.1	1.1	1.0	1.5	1.7	2.6	2.1	1.5	1.4	2.0	1.9	1.2	1.1	1.1	1.0	1.2	1.1	1.4	**1.4**	**2.6**	**0.9**
29	---	1.2	1.2	1.2	1.4	1.4	1.3	1.5	2.6	1.3	1.9	2.0	1.4	1.3	1.5	1.4	1.5	1.3	1.1	1.5	1.0	0.9	0.8	0.5	**1.4**	**2.6**	**0.5**
30	---	1.2	1.1	1.6	1.3	0.9	1.0	0.9	1.8	1.8	1.4	1.9	3.1	1.1	0.6	0.7	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.6	**1.1**	**3.1**	**0.5**
MEAN	**---**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.0**	**1.0**	**1.0**	**1.1**	**1.0**	**0.9**	**1.2**	**0.9**	**0.9**	**1.6**	**0.8**	**0.9**	**1.0**	**0.9**	**0.9**	**---**	**1.0**		
MAX	**1.8**	**3.0**	**2.6**	**2.2**	**2.0**	**2.4**	**2.2**	**2.5**	**2.6**	**2.2**	**2.2**	**3.2**	**3.1**	**1.5**	**9.9**	**2.4**	**1.9**	**24.5**	**2.2**	**2.5**	**4.5**	**1.6**	**1.7**	**1.7**		**24.5**	
MIN	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**	**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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**			**0.5**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 1.0 ppb

MAXIMUM UPWIND PENTANE = 24.5 ppb DATE OF OCCURRENCE = 4/26 AT 1800 MAXIMUM DAILY MEAN = 2.0 ppb DATE OF OCCURRENCE = 4/26

MINIMUM UPWIND PENTANE = 0.5 ppb DATE OF OCCURRENCE = 4/21 AT 2000 MINUMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

UPWIND PENTANE in ppb for MAY, 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	0.7	0.7	2.1	12.5	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.8	1.0	0.9	**1.2**	**12.5**	**0.5**
2	---	1.1	1.4	1.4	1.8	1.8	2.0	2.4	1.4	1.3	1.6	1.7	2.0	1.1	1.6	1.6	1.2	1.1	0.8	1.4	1.3	1.0	1.0	0.6	**1.4**	**2.4**	**0.6**
3	---	0.6	0.9	0.9	1.1	1.0	1.7	1.2	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	1.0	0.7	0.7	0.7	---	---	**0.8**	**1.7**	**0.6**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**1.1**	**1.4**	**1.4**	**2.1**	**12.5**	**2.0**	**2.4**	**1.4**	**1.3**	**1.6**	**1.7**	**2.0**	**1.1**	**1.6**	**1.6**	**1.2**	**1.1**	**1.0**	**1.4**	**1.3**	**1.0**	**1.0**	**0.9**		**12.5**	
MIN	---	**0.6**	**0.7**	**0.7**	**1.1**	**1.0**	**0.7**	**0.8**	**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.6**	**0.5**	**0.6**	**0.6**	**0.7**	**1.0**	**0.6**			**0.5**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 1.2 ppb

MAXIMUM UPWIND PENTANE = 12.5 ppb DATE OF OCCURRENCE = 5/1 AT 0600 MAXIMUM DAILY MEAN = 1.4 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND PENTANE = 0.5 ppb DATE OF OCCURRENCE = 5/1 AT 1500 MINUMUM DAILY MEAN = 0.8 ppb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

UPWIND PENTANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	1.2	1.2	---	1.2	1.8	3.0	3.8	2.7	2.5	---	---	1.6	1.1	0.6	0.5	---	---	---
11	0.7	0.5	0.5	0.5	0.5	0.6	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.9	0.9	**0.5**	**0.9**	**0.3**
12	---	1.0	1.1	1.3	1.3	1.0	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.8	0.7	**0.6**	**1.3**	**0.4**
13	---	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5	**0.5**	**0.6**	**0.4**
14	---	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	**0.5**	**0.6**	**0.4**
15	---	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.5	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	**0.5**	**0.7**	**0.4**
16	---	0.6	1.2	0.9	0.9	1.0	0.9	0.9	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.5	4.5	0.6	0.6	**0.8**	**4.5**	**0.4**
17	---	0.6	0.6	0.6	0.8	0.7	1.0	1.3	0.6	1.0	0.5	0.6	0.7	0.5	0.5	0.4	0.5	0.4	0.4	---	---	0.4	0.4	0.4	**0.6**	**1.3**	**0.4**
18	0.8	---	0.5	0.7	3.0	0.5	0.5	0.5	0.7	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	0.7	**0.6**	**3.0**	**0.4**
19	0.8	---	0.8	0.9	1.1	1.2	1.2	1.3	2.8	1.4	1.4	0.6	1.1	1.4	0.5	0.4	0.6	0.6	0.5	0.4	1.3	0.6	0.7	0.8	**1.0**	**2.8**	**0.4**
20	0.9	---	1.0	1.6	1.0	1.3	1.4	1.1	2.1	0.8	0.6	1.1	1.2	1.2	1.0	0.5	0.9	0.5	0.4	0.5	0.6	0.9	0.7	0.9	**1.0**	**2.1**	**0.4**
21	1.4	---	1.2	1.3	1.2	1.7	2.1	3.4	1.7	2.2	1.4	0.8	1.3	0.5	0.5	1.5	3.1	2.8	1.2	0.6	0.6	0.6	0.8	0.6	**1.4**	**3.4**	**0.5**
22	0.6	---	0.6	0.9	0.9	0.7	0.7	0.9	1.4	21.0	1.8	2.0	1.6	1.8	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.8	1.1	**1.8**	**21.0**	**0.4**
23	---	1.3	1.5	1.3	1.3	1.1	1.3	2.8	0.9	1.6	1.3	0.9	1.1	1.1	1.4	0.8	0.6	0.4	0.4	0.6	0.3	0.4	0.4	0.3	**1.0**	**2.8**	**0.3**
24	---	0.4	0.4	0.4	0.4	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.7	**0.4**	**0.7**	**0.3**
25	---	0.9	1.2	1.2	1.3	1.5	2.7	1.4	0.7	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.9	1.0	1.1	**0.8**	**2.7**	**0.3**
26	---	1.2	1.0	1.0	1.0	1.0	1.0	1.1	0.7	0.5	---	---	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.5	**0.6**	**1.2**	**0.3**
27	0.5	---	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.0	**0.5**	**1.0**	**0.3**
28	1.2	---	1.2	0.8	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.8	**0.5**	**1.2**	**0.3**
29	0.9	---	0.8	0.9	1.1	1.3	1.3	1.3	1.3	0.6	0.4	0.7	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.6	1.7	**0.7**	**1.7**	**0.3**
30	1.8	---	1.4	1.2	1.6	1.0	1.1	1.1	0.8	1.3	0.7	0.7	0.8	0.8	0.4	0.3	0.4	0.4	0.4	0.3	0.6	0.5	0.6	0.5	**0.8**	**1.8**	**0.3**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**1.8**	**1.3**	**1.5**	**1.6**	**3.0**	**1.7**	**2.7**	**3.4**	**2.8**	**21.0**	**1.8**	**2.0**	**1.6**	**1.8**	**3.0**	**3.8**	**3.1**	**2.8**	**1.2**	**0.6**	**1.6**	**4.5**	**1.0**	**1.7**		**21.0**	
MIN	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**			**0.3**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.8 ppb

MAXIMUM UPWIND PENTANE = 21.0 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 1.8 ppb DATE OF OCCURRENCE = 6/22

MINIMUM UPWIND PENTANE = 0.3 ppb DATE OF OCCURRENCE = 6/25 AT 1700 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 6/24

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

HarmonCreek

UPWIND HEXANE in ppb for APRIL, 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	3.9	---	0.1	0.1	0.1	0.0	5.3	5.7	0.0	4.8	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	4.1	**1.0**	**5.7**	**0.0**
2	0.0	---	0.1	0.0	0.0	0.1	0.1	5.4	0.0	6.2	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	---	**0.5**	**6.2**	**0.0**
3	0.0	0.0	0.0	3.9	0.0	2.3	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	---	**0.3**	**3.9**	**0.0**
4	0.1	0.1	0.1	0.1	0.3	0.3	0.4	0.2	6.0	0.0	0.0	2.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.0	1.4	---	**0.7**	**6.0**	**0.0**
5	0.2	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	6.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.7**	**6.4**	**0.0**
6	0.1	1.9	0.0	5.8	0.0	0.1	0.1	6.4	0.1	0.1	4.2	0.2	0.0	4.2	0.1	0.1	0.1	6.2	5.8	0.0	0.1	0.2	0.3	---	**1.6**	**6.4**	**0.0**
7	0.3	0.3	0.4	0.4	0.3	0.5	0.3	0.5	0.4	0.3	0.3	0.5	0.4	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.3	---	**0.3**	**0.5**	**0.1**
8	---	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.2	0.1	0.3	**0.4**	**7.3**	**0.0**
9	---	0.3	0.1	0.0	4.6	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	**0.2**	**4.6**	**0.0**
10	---	8.1	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	**0.4**	**8.1**	**0.0**
11	---	0.1	4.1	0.0	0.0	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	4.2	0.2	0.1	0.2	**0.5**	**4.2**	**0.0**
12	---	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.3	6.0	0.1	0.1	0.1	0.1	0.2	0.1	5.7	**0.7**	**6.0**	**0.0**
13	---	0.1	0.1	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
14	---	1.2	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	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
16	0.1	0.0	7.7	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	0.3	6.7	0.1	0.1	**0.7**	**7.7**	**0.0**
17	---	0.2	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	4.0	0.0	3.6	0.0	0.0	**0.4**	**4.0**	**0.0**
18	---	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	6.5	0.1	**0.3**	**6.5**	**0.0**
19	---	0.3	0.2	0.3	0.3	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	5.5	0.0	0.0	3.7	2.2	0.1	0.1	**0.6**	**5.5**	**0.0**
20	---	0.0	1.0	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	0.2	0.2	0.2	0.3	**0.1**	**1.0**	**0.0**
21	---	0.2	0.1	0.1	4.2	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	**0.2**	**4.2**	**0.0**
22	---	7.3	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	0.1	---	**0.3**	**7.3**	**0.0**
23	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.0	0.1	7.9	0.1	0.1	0.1	0.0	0.0	---	**0.4**	**7.9**	**0.0**
24	11.3	7.9	0.1	0.0	9.1	8.7	0.0	0.1	0.0	2.5	0.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	---	**2.2**	**11.3**	**0.0**
25	0.1	3.8	0.1	0.1	0.1	0.1	0.1	---	---	0.1	0.1	2.8	0.0	1.4	0.1	6.7	0.0	3.6	0.1	0.3	0.0	0.0	7.5	0.1	**1.2**	**7.5**	**0.0**
26	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.7	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	**0.3**	**6.7**	**0.0**
27	---	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	0.7	0.2	0.2	0.2	**0.4**	**7.0**	**0.0**
28	---	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.2**	**0.4**	**0.1**
29	---	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.1	10.3	0.1	5.4	0.1	0.1	0.1	0.1	3.1	0.0	2.2	0.0	**1.0**	**10.3**	**0.0**
30	---	0.1	0.0	0.2	0.2	0.0	0.1	6.5	0.2	0.2	0.1	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.4**	**6.5**	**0.0**
MEAN	**---**	**1.5**	**0.5**	**0.4**	**0.7**	**0.5**	**0.4**	**0.9**	**0.3**	**0.6**	**0.4**	**0.4**	**0.1**	**0.6**	**0.0**	**0.7**	**0.4**	**0.8**	**0.2**	**0.2**	**0.7**	**0.7**	**0.7**	**---**	**0.6**		
MAX	**11.3**	**8.1**	**7.7**	**5.8**	**9.1**	**8.7**	**5.3**	**6.5**	**6.0**	**6.2**	**6.7**	**4.5**	**2.6**	**10.3**	**0.2**	**6.7**	**6.0**	**7.9**	**5.8**	**4.0**	**7.3**	**6.7**	**7.5**	**5.7**		**11.3**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 0.6 ppb

MAXIMUM UPWIND HEXANE = 11.3 ppb DATE OF OCCURRENCE = 4/24 AT 0100 MAXIMUM DAILY MEAN = 2.2 ppb DATE OF OCCURRENCE = 4/24

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/13

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

HarmonCreek

UPWIND HEXANE in ppb for MAY, 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	0.0	8.2	3.2	0.0	3.4	8.5	8.7	0.0	0.1	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**1.6**	**8.7**	**0.0**
2	---	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	7.1	0.2	0.1	0.2	0.1	0.1	**0.5**	**7.1**	**0.1**
3	---	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	9.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.7	0.0	5.6	---	---	**1.1**	**9.0**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.2**	**0.3**	**8.2**	**3.2**	**0.3**	**3.4**	**8.5**	**8.7**	**9.0**	**5.1**	**0.2**	**0.2**	**0.1**	**3.7**	**0.2**	**0.1**	**0.1**	**7.1**	**2.7**	**0.1**	**5.6**	**0.1**	**0.1**		**9.0**	
MIN	---	**0.0**	**0.0**	**0.1**	**0.1**	**0.0**	**0.2**	**0.2**	**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**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 1.1 ppb

MAXIMUM UPWIND HEXANE = 9.0 ppb DATE OF OCCURRENCE = 5/3 AT 1000 MAXIMUM DAILY MEAN = 1.6 ppb DATE OF OCCURRENCE = 5/1

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0300 MINUMUM DAILY MEAN = 0.5 ppb DATE OF OCCURRENCE = 5/2

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

HarmonCreek

UPWIND HEXANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	0.2	0.2	---	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	0.1	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	0.1	0.2	0.2	**0.0**	**0.2**	**0.0**
12	---	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	**0.1**	**0.3**	**0.0**
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	0.0	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**
14	---	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	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
15	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.4	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	**0.1**	**0.4**	**0.0**
16	---	0.1	0.3	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	0.0	0.7	0.1	0.1	**0.1**	**0.7**	**0.0**
17	---	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	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
18	0.1	---	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
19	0.2	---	0.2	0.2	0.3	0.3	0.3	0.3	0.5	0.2	0.2	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.1	0.2	**0.2**	**0.5**	**0.0**
20	0.2	---	0.2	0.3	0.2	0.3	0.3	0.3	0.4	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.1**	**0.4**	**0.0**
21	0.3	---	0.3	0.3	0.3	0.4	0.5	0.7	0.4	0.4	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.2**	**0.7**	**0.0**
22	0.0	---	0.1	0.2	0.2	0.1	0.1	0.1	0.3	3.2	0.3	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	**0.2**	**3.2**	**0.0**
23	---	0.3	0.4	0.3	0.3	0.3	0.3	0.5	0.2	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	0.1	0.0	**0.1**	**0.5**	**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	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
25	---	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2	0.2	0.3	**0.2**	**0.5**	**0.0**
26	---	0.3	0.3	0.2	0.2	0.2	0.2	0.3	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	**0.1**	**0.3**	**0.0**
27	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	**0.0**	**0.1**	**0.0**
28	0.0	---	0.0	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	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.2**	**0.0**
29	0.2	---	0.2	0.2	0.3	0.3	0.3	0.5	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.7	**0.2**	**0.7**	**0.0**
30	0.6	---	0.6	0.6	0.6	0.8	0.9	0.4	0.2	0.2	0.1	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	**0.2**	**0.9**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.6**	**0.3**	**0.6**	**0.6**	**0.6**	**0.8**	**0.9**	**0.7**	**0.5**	**3.2**	**0.4**	**0.2**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.3**	**0.1**	**0.3**	**0.2**	**0.7**	**0.2**	**0.7**		**3.2**	
MIN	**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**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND HEXANE = 3.2 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 6/30

MINIMUM UPWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 6/10 AT 1300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/27

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

HarmonCreek

UPWIND BENZENE in ppb for APRIL, 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	0.1	0.1	0.1	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	0.5	0.1	**0.1**	**0.5**	**0.0**
2	0.1	---	0.1	0.4	0.2	0.1	0.1	0.1	0.1	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**	**0.4**	**0.0**
3	0.0	0.1	0.1	0.1	0.3	0.1	0.1	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.0**
4	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	0.1	0.2	0.3	0.3	0.3	---	**0.2**	**0.3**	**0.1**
5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.6	0.1	0.1	0.1	0.2	0.1	0.1	0.1	---	**0.3**	**0.6**	**0.1**
6	0.6	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	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.5	0.4	---	**0.2**	**0.6**	**0.1**
7	0.3	0.3	0.3	0.6	1.7	1.0	0.5	1.1	0.4	0.3	0.5	0.2	0.4	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.4**	**1.7**	**0.1**
8	---	---	0.0	0.3	0.3	0.1	0.1	0.1	0.6	1.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.2	**0.2**	**1.3**	**0.0**
9	---	0.1	0.1	0.1	0.1	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	0.1	0.0	0.1	0.1	**0.1**	**0.2**	**0.0**
10	---	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	0.1	0.1	0.1	0.1	0.1	0.2	1.1	**0.1**	**1.1**	**0.0**
11	---	0.8	0.3	0.1	0.1	0.2	0.8	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.3	**0.2**	**0.8**	**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	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
13	---	0.1	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	0.0	0.3	0.5	0.1	0.1	**0.1**	**0.5**	**0.0**
14	---	0.1	0.1	0.5	0.7	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.2	0.1	0.1	0.1	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	0.0	0.1	0.1	0.0	---	---	0.1	0.1	0.0	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
17	---	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	0.3	0.2	0.2	0.1	**0.1**	**0.3**	**0.1**
18	---	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	0.1	0.1	**0.1**	**0.2**	**0.1**
19	---	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	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.3	0.5	**0.1**	**0.5**	**0.0**
20	---	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	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.3	0.2	0.2	**0.1**	**0.3**	**0.0**
21	---	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
22	---	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.0**
23	0.2	0.3	0.5	0.8	0.4	0.5	0.8	0.5	0.4	0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1	---	**0.3**	**0.8**	**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	0.2	0.1	0.1	0.1	0.2	0.0	---	**0.1**	**0.2**	**0.0**
25	0.1	0.1	0.2	0.2	0.2	0.2	0.2	---	---	0.2	0.1	0.2	0.1	0.2	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**
26	---	0.1	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	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
27	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	---	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	**0.1**	**0.2**	**0.0**
28	---	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.0	**0.1**	**0.2**	**0.0**
29	---	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
30	---	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	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.2	0.1	**0.1**	**0.2**	**0.0**
MEAN	**---**	**0.2**	**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**	**0.1**	**0.2**	**0.2**	**---**	**0.1**		
MAX	**0.6**	**0.8**	**0.5**	**0.8**	**1.7**	**1.0**	**0.8**	**1.1**	**0.6**	**1.3**	**0.5**	**0.3**	**0.4**	**0.2**	**0.3**	**0.6**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.5**	**0.5**	**1.1**		**1.7**	
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**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND BENZENE = 1.7 ppb DATE OF OCCURRENCE = 4/7 AT 0500 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 4/7

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/21 AT 1400 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

UPWIND BENZENE in ppb for MAY, 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	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.3	0.3	**0.1**	**0.3**	**0.0**
2	---	0.4	0.4	0.4	0.4	0.3	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	**0.1**	**0.4**	**0.0**
3	---	0.4	0.0	0.1	0.1	0.7	0.4	0.2	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.0	0.3	0.1	0.1	---	---	**0.2**	**0.7**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.4**	**0.4**	**0.4**	**0.4**	**0.7**	**0.4**	**0.2**	**0.2**	**0.1**	**0.3**	**0.2**	**0.2**	**0.2**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.3**	**0.2**	**0.1**	**0.3**	**0.3**		**0.7**	
MIN	---	**0.1**	**0.0**	**0.1**	**0.0**	**0.3**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND BENZENE = 0.7 ppb DATE OF OCCURRENCE = 5/3 AT 0600 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 5/3

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 1600 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

UPWIND BENZENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	0.0	0.0	---	0.1	0.0	0.0	0.0	0.1	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	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
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	0.1	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
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
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
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	0.1	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	0.1	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	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
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
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	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND BENZENE = 0.1 ppb DATE OF OCCURRENCE = 6/28 AT 1300 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/28

MINIMUM UPWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/10 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/11

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

HarmonCreek

UPWIND TOLUENE in ppb for APRIL, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
2	0.0	---	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	0.1	0.0	0.0	0.1	0.0	0.1	---	**0.1**	**0.1**	**0.0**
3	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	0.3	---	**0.1**	**0.3**	**0.0**
4	0.2	0.1	0.2	0.1	0.2	0.3	0.1	0.2	0.1	0.1	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.2	0.1	0.2	0.3	0.2	0.2	---	**0.1**	**0.3**	**0.0**
5	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.2	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**	**0.4**	**0.1**
6	0.1	0.1	0.1	0.3	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.3	0.4	---	**0.1**	**0.4**	**0.0**
7	0.2	0.3	0.4	0.4	0.4	0.4	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	0.1	0.1	0.1	---	**0.2**	**0.4**	**0.1**
8	---	---	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.3	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	0.2	**0.1**	**0.3**	**0.0**
9	---	0.1	0.1	0.0	0.0	0.1	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**	**0.1**	**0.0**
10	---	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	0.2	**0.0**	**0.2**	**0.0**
11	---	0.2	0.1	0.0	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	0.1	0.2	0.1	0.2	**0.1**	**0.2**	**0.0**
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	0.0	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**
13	---	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
14	---	0.0	0.0	0.1	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	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
16	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.0	0.1	0.1	0.2	**0.0**	**0.2**	**0.0**
17	---	0.1	0.2	0.2	0.2	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	0.0	0.0	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
18	---	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	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
19	---	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	**0.1**	**0.3**	**0.0**
21	---	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	**0.0**	**0.1**	**0.0**
22	---	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	0.0	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
23	0.0	0.2	0.2	0.0	0.2	0.3	1.0	0.3	0.3	0.1	0.1	1.0	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.2	0.1	0.1	0.1	---	**0.2**	**1.0**	**0.0**
24	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	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
25	0.0	0.1	0.1	0.2	0.1	0.0	0.0	---	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.1	**0.1**	**0.2**	**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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
27	---	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	---	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.1	**0.1**	**0.4**	**0.0**
28	---	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	0.0	0.1	0.0	0.1	0.1	0.3	0.0	**0.1**	**0.3**	**0.0**
29	---	0.0	0.0	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
30	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	**0.1**	**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**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.2**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**1.0**	**0.3**	**0.3**	**0.3**	**0.2**	**1.0**	**0.4**	**0.1**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.2**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOLUENE = 1.0 ppb DATE OF OCCURRENCE = 4/23 AT 1200 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/23

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 4/4 AT 1600 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

UPWIND TOLUENE in ppb for MAY, 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	**0.1**	**0.3**	**0.0**
2	---	0.1	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	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**	**0.4**	**0.0**
3	---	0.1	0.1	0.1	0.2	0.2	0.2	0.2	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	0.1	---	---	**0.1**	**0.2**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.1**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.3**		**0.4**	
MIN	---	**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**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOLUENE = 0.4 ppb DATE OF OCCURRENCE = 5/2 AT 0300 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 1400 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

UPWIND TOLUENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	0.0	0.0	---	0.0	0.1	0.0	0.0	0.2	0.2	---	---	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**	**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**
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	0.1	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**
22	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**1.5**	**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	0.1	0.0	0.1	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**
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	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
28	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**
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	0.1	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	0.2	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**	**0.2**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1.5**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**	**0.2**	**0.2**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND TOLUENE = 1.5 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 6/22

MINIMUM UPWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 6/10 AT 1500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/11

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

HarmonCreek

UPWIND ETHYLBENZENE in ppb for APRIL, 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	0.1	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**
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	0.0	---	**0.0**	**0.1**	**0.0**
7	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	---	**0.0**	**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**
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	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.1	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**
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	0.1	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**	**0.1**	**0.0**
21	---	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**
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	0.1	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	0.0	0.0	0.0	0.0	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
25	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**
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	0.1	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
27	---	0.3	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	0.0	0.0	0.1	0.0	**0.0**	**0.3**	**0.0**
28	---	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	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
29	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
MEAN	**---**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**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**	**0.3**	**0.1**	**0.0**	**0.0**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.3 ppb DATE OF OCCURRENCE = 4/27 AT 0200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/29

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 1200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/18

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

HarmonCreek

UPWIND ETHYLBENZENE in ppb for MAY, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
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	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
3	---	0.2	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	0.0	---	---	**0.0**	**0.2**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.2**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.1**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**		**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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.2 ppb DATE OF OCCURRENCE = 5/3 AT 0200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

UPWIND ETHYLBENZENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---
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**	**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**
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	0.1	**0.0**	**0.1**	**0.0**
21	0.1	---	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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**	**0.2**	**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	0.1	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**
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	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
29	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	0.0	0.1	**0.0**	**0.1**	**0.0**
30	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	**0.0**	**0.1**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.1**	**0.0**	**0.1**	**0.1**	**0.1**	**0.0**	**0.1**	**0.1**	**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**	**0.1**	**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND ETHYLBENZENE = 0.2 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/29

MINIMUM UPWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/10 AT 2200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/13

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

HarmonCreek

UPWIND TOTAL XYLENES in ppb for APRIL, 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	0.1	**0.0**	**0.1**	**0.0**
2	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	0.0	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	0.1	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**	**0.1**	**0.0**
4	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	0.0	0.0	0.0	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	0.1	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	0.0	0.0	---	**0.1**	**0.1**	**0.0**
6	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	---	**0.1**	**0.2**	**0.0**
7	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.0**
8	---	---	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	0.1	0.1	0.1	0.2	**0.0**	**0.2**	**0.0**
9	---	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	0.0	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	0.1	**0.0**	**0.1**	**0.0**
11	---	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	0.1	0.1	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	0.1	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	0.0	**0.0**	**0.1**	**0.0**
13	---	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	0.0	**0.0**	**0.1**	**0.0**
14	---	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	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.1	---	**---**	**---**	**---**
16	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	0.1	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	0.0	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	0.1	**0.1**	**0.2**	**0.0**
18	---	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	0.1	**0.0**	**0.1**	**0.0**
19	---	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	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
20	---	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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
21	---	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
23	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	---	**0.1**	**0.5**	**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	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
25	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	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.1	0.0	**0.1**	**0.2**	**0.0**
26	---	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	**0.0**	**0.1**	**0.0**
27	---	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	---	0.1	0.1	0.0	0.3	0.1	0.2	0.1	0.0	**0.1**	**0.3**	**0.0**
28	---	0.1	0.1	0.1	0.1	0.2	0.1	0.0	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	0.1	0.0	**0.1**	**0.2**	**0.0**
29	---	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.1	**0.1**	**0.3**	**0.0**
30	---	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
MEAN	**---**	**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**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.1**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.3**	**0.1**	**0.5**	**0.1**	**0.1**	**0.2**	**0.1**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.5 ppb DATE OF OCCURRENCE = 4/23 AT 1500 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 4/7

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 1800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

UPWIND TOTAL XYLENES in ppb for MAY, 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	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
2	---	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.3**	**0.0**
3	---	0.2	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	---	---	**0.1**	**0.2**	**0.0**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**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**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**		**0.3**	
MIN	---	**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**	**0.0**	**0.1**	**0.1**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 0.1 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.3 ppb DATE OF OCCURRENCE = 5/2 AT 0300 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 5/3 AT 0900 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

UPWIND TOTAL XYLENES in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	0.1	0.0	---	0.0	0.1	0.1	0.1	0.1	0.1	---	---	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**	**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**
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	0.1	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**
19	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	0.0	**0.0**	**0.1**	**0.0**
20	0.1	---	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	**0.0**	**0.3**	**0.0**
21	0.0	---	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
22	0.1	---	0.1	0.0	0.2	0.0	0.0	0.1	0.2	0.8	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	0.1	**0.1**	**0.8**	**0.0**
23	---	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	0.0	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	0.1	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**
25	---	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	**0.0**	**0.1**	**0.0**
26	---	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	0.1	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	0.1	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	**0.0**	**0.1**	**0.0**
28	0.0	---	0.1	0.0	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	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
29	0.2	---	0.0	0.0	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	0.3	0.2	0.3	**0.1**	**0.3**	**0.0**
30	0.2	---	0.2	0.0	0.2	0.0	0.0	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	0.0	0.1	0.1	**0.1**	**0.2**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.2**	**0.1**	**0.2**	**0.0**	**0.2**	**0.1**	**0.2**	**0.1**	**0.2**	**0.8**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.3**	**0.2**	**0.3**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM UPWIND TOTAL XYLENES = 0.8 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 6/22

MINIMUM UPWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 6/10 AT 2200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/13

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

HarmonCreek

UPWIND THC PAMS in ppb for APRIL, 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	16.8	---	12.8	15.6	15.4	15.4	18.1	19.4	13.9	17.6	10.7	10.8	9.8	8.9	10.7	8.5	8.3	8.4	7.5	7.3	7.6	11.2	10.0	15.9	**12.2**	**19.4**	**7.3**
2	12.5	---	11.0	14.8	11.8	12.4	11.9	16.7	9.6	16.3	8.4	8.3	10.0	8.9	7.8	3.8	8.5	8.2	8.7	7.7	8.3	8.7	9.5	---	**10.2**	**16.7**	**3.8**
3	11.0	9.5	10.3	15.4	14.0	13.4	13.4	17.3	10.6	13.6	7.9	8.0	8.0	7.1	7.7	7.4	7.8	7.6	7.3	7.5	9.7	10.7	10.1	---	**10.2**	**17.3**	**7.1**
4	13.4	15.3	15.6	17.0	29.2	35.3	45.0	26.2	17.9	11.4	10.6	13.3	14.3	9.0	16.8	8.1	8.6	9.5	18.8	17.1	15.1	13.6	15.0	---	**17.2**	**45.0**	**8.1**
5	20.7	25.4	37.5	32.5	49.2	32.6	55.2	44.1	31.7	22.8	16.4	16.2	13.3	11.0	10.8	17.7	18.0	11.1	11.3	10.8	10.7	11.0	9.8	---	**22.6**	**55.2**	**9.8**
6	13.6	14.1	12.0	17.8	12.6	21.4	22.0	22.2	14.2	17.7	16.3	23.9	12.1	28.5	19.2	16.3	13.2	16.5	16.9	10.7	17.6	23.9	29.3	---	**17.9**	**29.3**	**10.7**
7	35.4	33.1	36.6	45.0	44.5	54.8	40.3	53.7	41.8	38.1	39.7	50.1	52.7	19.5	15.6	15.4	15.0	22.6	29.7	33.0	37.3	44.1	40.9	---	**36.5**	**54.8**	**15.0**
8	---	---	8.8	10.2	10.1	11.7	21.6	15.3	17.9	16.2	10.3	9.7	9.1	8.6	8.2	7.6	8.1	8.1	8.1	12.4	23.5	49.4	28.0	65.7	**16.7**	**65.7**	**7.6**
9	---	22.5	13.8	10.0	15.1	9.6	9.2	7.8	7.3	8.3	7.9	7.0	7.1	7.7	9.1	7.5	6.7	7.3	7.2	7.9	7.4	7.5	7.4	7.4	**9.1**	**22.5**	**6.7**
10	---	15.8	7.5	7.5	8.0	8.1	8.2	7.1	7.0	6.7	6.7	6.5	7.1	6.7	6.5	6.7	6.8	6.7	6.5	8.5	7.4	7.9	10.7	12.6	**8.0**	**15.8**	**6.5**
11	---	13.7	16.1	10.3	12.2	12.5	16.6	11.8	10.6	9.3	8.5	8.7	9.4	9.2	8.6	10.0	10.3	10.5	9.4	10.4	17.4	23.2	23.1	26.8	**13.0**	**26.8**	**8.5**
12	---	36.2	58.6	45.8	48.1	36.4	38.2	39.3	40.8	31.8	31.5	24.7	17.9	12.9	11.8	23.0	20.5	26.7	38.1	16.9	17.3	25.9	17.3	18.1	**29.5**	**58.6**	**11.8**
13	---	13.0	15.4	30.6	16.9	20.1	21.2	19.6	15.3	13.1	11.0	9.2	8.8	8.7	8.6	8.4	8.5	9.3	8.6	10.2	11.2	11.2	9.5	9.2	**12.9**	**30.6**	**8.4**
14	---	11.1	11.5	12.1	13.2	12.9	13.1	8.9	8.5	9.5	8.4	8.9	9.0	9.2	9.6	10.0	9.5	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	8.0	9.2	9.3	9.8	9.5	9.8	---	**---**	**---**	**---**
16	10.7	9.7	18.4	10.3	21.1	8.9	9.5	9.0	8.4	8.1	8.5	8.1	7.5	7.7	9.0	---	---	8.4	13.6	8.0	12.2	17.3	16.3	15.3	**11.2**	**21.1**	**7.5**
17	---	23.7	36.2	46.8	28.2	29.6	29.4	61.4	29.2	21.2	43.5	24.5	37.3	19.3	13.8	16.2	21.3	25.2	19.3	16.0	12.1	15.4	11.4	11.2	**25.8**	**61.4**	**11.2**
18	---	13.2	12.7	15.6	11.3	9.6	9.8	8.0	25.2	23.5	7.8	8.1	7.8	7.7	7.8	8.1	8.0	9.0	27.1	15.1	10.6	9.6	17.5	16.6	**12.6**	**27.1**	**7.7**
19	---	24.8	21.7	30.2	30.4	35.9	30.6	26.5	18.2	12.8	12.3	12.5	15.0	16.7	13.5	12.7	12.9	17.0	9.9	12.6	17.2	15.5	14.2	19.9	**18.8**	**35.9**	**9.9**
20	---	15.8	13.7	19.2	12.9	11.6	9.8	10.4	10.7	9.0	9.0	7.9	8.3	7.4	7.2	7.4	9.1	8.8	9.1	7.6	21.0	21.5	19.2	24.7	**12.2**	**24.7**	**7.2**
21	---	22.4	15.4	13.3	15.5	10.0	9.4	7.9	8.3	8.3	9.8	8.0	9.5	7.7	7.8	7.5	7.4	7.3	8.0	7.4	7.8	7.5	8.0	8.7	**9.7**	**22.4**	**7.3**
22	---	16.0	9.5	10.1	10.1	10.7	11.2	10.8	8.1	7.8	8.2	8.1	8.5	2.8	8.2	8.4	8.5	9.5	11.2	9.5	10.8	13.6	19.2	---	**10.0**	**19.2**	**2.8**
23	79.7	23.5	21.2	26.2	22.6	172.2	30.4	33.5	30.1	39.7	39.6	28.4	16.5	14.0	17.3	14.5	20.2	23.3	24.9	32.7	30.7	20.0	11.3	---	**33.6**	**172.2**	**11.3**
24	23.2	21.5	15.7	15.0	22.9	23.1	14.0	14.9	15.1	16.5	15.2	17.6	15.2	13.4	21.7	10.7	14.9	11.0	10.2	9.1	9.8	19.7	13.4	---	**15.8**	**23.2**	**9.1**
25	14.7	15.7	16.3	16.8	22.8	26.4	23.1	---	---	16.9	16.9	14.9	15.7	17.6	17.8	21.1	16.2	23.4	37.9	23.4	14.1	13.8	26.6	17.8	**19.5**	**37.9**	**13.8**
26	---	30.2	21.3	20.9	26.4	32.4	34.8	34.4	36.1	19.4	21.2	11.0	12.6	10.1	10.1	12.6	11.7	36.6	10.4	13.6	13.3	11.8	11.3	10.1	**19.7**	**36.6**	**10.1**
27	---	18.3	9.6	9.9	9.0	11.6	9.1	10.8	9.1	11.2	10.1	9.6	15.4	9.3	9.8	---	9.9	9.2	9.4	11.8	39.5	19.2	18.4	19.5	**13.2**	**39.5**	**9.0**
28	---	18.0	27.4	12.7	17.8	19.9	24.4	25.2	17.9	21.5	30.9	41.2	30.7	24.1	24.4	30.8	29.5	24.8	26.1	23.2	23.9	38.5	27.2	42.4	**26.2**	**42.4**	**12.7**
29	---	29.0	43.3	35.8	25.4	24.0	24.4	27.2	32.3	24.6	22.0	19.9	19.6	25.3	16.7	21.2	19.8	15.4	16.2	18.9	18.2	14.3	14.9	10.4	**22.6**	**43.3**	**10.4**
30	---	15.4	19.3	43.3	18.1	13.8	17.9	23.7	21.0	20.0	18.3	22.4	31.5	14.4	11.6	12.4	14.9	11.5	11.8	11.2	10.9	12.1	12.6	12.7	**17.4**	**43.3**	**10.9**
MEAN	**---**	**19.5**	**19.6**	**21.0**	**20.5**	**25.4**	**21.4**	**21.9**	**18.5**	**17.0**	**16.1**	**15.4**	**15.2**	**12.2**	**12.0**	**12.4**	**12.5**	**13.8**	**14.9**	**13.4**	**15.6**	**17.5**	**16.3**	**---**	**17.1**		
MAX	**79.7**	**36.2**	**58.6**	**46.8**	**49.2**	**172.2**	**55.2**	**61.4**	**41.8**	**39.7**	**43.5**	**50.1**	**52.7**	**28.5**	**24.4**	**30.8**	**29.5**	**36.6**	**38.1**	**33.0**	**39.5**	**49.4**	**40.9**	**65.7**		**172.2**	
MIN	**10.7**	**9.5**	**7.5**	**7.5**	**8.0**	**8.1**	**8.2**	**7.1**	**7.0**	**6.7**	**6.7**	**6.5**	**7.1**	**2.8**	**6.5**	**3.8**	**6.7**	**6.7**	**6.5**	**7.3**	**7.4**	**7.5**	**7.4**	**7.4**			**2.8**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 661 DATA RECOVERY RATE = 91.8%

MONTHLY MEAN = 17.1 ppb

MAXIMUM UPWIND THC PAMS = 172.2 ppb DATE OF OCCURRENCE = 4/23 AT 0600 MAXIMUM DAILY MEAN = 36.5 ppb DATE OF OCCURRENCE = 4/7

MINIMUM UPWIND THC PAMS = 2.8 ppb DATE OF OCCURRENCE = 4/22 AT 1400 MINUMUM DAILY MEAN = 8.0 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

UPWIND THC PAMS in ppb for MAY, 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	---	12.5	11.2	20.2	20.1	27.2	16.9	21.1	21.9	10.8	11.6	12.3	10.8	11.8	16.9	10.8	11.8	10.6	9.9	10.9	12.2	17.7	17.7	20.4	**15.1**	**27.2**	**9.9**
2	---	21.6	28.2	28.0	42.4	38.8	34.7	39.2	20.6	19.8	18.4	19.4	21.8	17.1	23.1	23.1	18.0	16.6	26.0	21.4	23.0	20.1	17.8	12.0	**24.0**	**42.4**	**12.0**
3	---	15.7	16.0	15.2	16.4	16.4	21.1	21.5	16.9	23.1	19.6	12.7	11.5	12.5	12.4	11.2	28.7	9.9	13.9	17.4	15.3	18.6	---	---	**16.5**	**28.7**	**9.9**
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**21.6**	**28.2**	**28.0**	**42.4**	**38.8**	**34.7**	**39.2**	**21.9**	**23.1**	**19.6**	**19.4**	**21.8**	**17.1**	**23.1**	**23.1**	**28.7**	**16.6**	**26.0**	**21.4**	**23.0**	**20.1**	**17.8**	**20.4**		**42.4**	
MIN	---	**12.5**	**11.2**	**15.2**	**16.4**	**16.4**	**16.9**	**21.1**	**16.9**	**10.8**	**11.6**	**12.3**	**10.8**	**11.8**	**12.4**	**10.8**	**11.8**	**9.9**	**9.9**	**10.9**	**12.2**	**17.7**	**17.7**	**12.0**			**9.9**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 67 DATA RECOVERY RATE = 9.0%

MONTHLY MEAN = 18.6 ppb

MAXIMUM UPWIND THC PAMS = 42.4 ppb DATE OF OCCURRENCE = 5/2 AT 0500 MAXIMUM DAILY MEAN = 24.0 ppb DATE OF OCCURRENCE = 5/2

MINIMUM UPWIND THC PAMS = 9.9 ppb DATE OF OCCURRENCE = 5/3 AT 1800 MINUMUM DAILY MEAN = 15.1 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

UPWIND THC PAMS in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	19.7	18.3	---	17.8	19.2	23.9	30.1	24.4	19.9	---	---	12.7	7.4	6.8	8.1	---	---	---
11	9.0	7.4	8.0	7.0	8.6	7.8	9.3	6.5	5.8	4.3	3.9	4.6	3.5	4.6	4.6	4.4	4.5	4.8	4.9	4.3	6.3	16.4	23.2	19.7	**7.6**	**23.2**	**3.5**
12	---	17.8	21.8	28.5	27.1	20.6	16.9	16.7	10.8	8.2	5.7	4.5	4.7	4.8	4.6	3.7	4.2	4.1	3.7	5.7	11.5	6.0	13.7	16.5	**11.4**	**28.5**	**3.7**
13	---	10.8	8.9	9.1	8.5	10.7	9.6	7.8	8.0	7.5	6.2	6.6	6.2	5.2	4.8	8.4	5.1	5.5	4.9	6.3	9.9	5.9	8.0	8.7	**7.5**	**10.8**	**4.8**
14	---	12.3	13.0	8.5	7.2	6.6	5.3	4.9	6.1	7.6	8.3	6.2	5.2	5.6	7.4	7.9	12.1	9.1	7.5	16.7	19.2	19.8	23.2	19.3	**10.4**	**23.2**	**4.9**
15	---	9.0	8.6	12.3	6.6	7.1	9.5	10.2	18.9	12.9	12.2	8.6	7.6	6.5	5.5	8.4	7.4	4.8	4.7	5.1	5.4	6.0	8.3	11.8	**8.6**	**18.9**	**4.7**
16	---	12.8	30.1	24.8	25.1	32.9	27.2	16.9	10.6	11.1	10.3	8.6	8.5	7.7	6.2	5.1	7.0	6.3	4.6	7.3	8.7	34.9	12.2	16.7	**14.6**	**34.9**	**4.6**
17	---	14.6	21.2	21.1	26.6	22.1	16.0	16.7	12.9	19.7	9.3	8.9	8.7	5.6	6.4	5.0	5.1	5.2	4.5	---	---	3.6	6.8	5.6	**11.7**	**26.6**	**3.6**
18	21.3	---	13.3	15.2	26.2	7.1	6.1	8.9	11.3	7.1	11.7	10.9	5.1	5.5	7.8	6.5	5.6	7.1	6.8	6.1	8.0	8.6	9.5	13.5	**10.0**	**26.2**	**5.1**
19	18.2	---	16.4	18.5	24.4	27.0	25.9	28.7	48.1	26.7	19.1	13.9	16.7	18.0	11.1	8.3	14.8	12.7	10.8	7.8	12.9	13.5	16.1	18.7	**18.6**	**48.1**	**7.8**
20	20.1	---	19.9	33.5	23.4	32.3	31.0	26.1	38.8	18.7	13.8	15.1	11.8	11.2	8.4	6.9	9.3	7.7	7.3	12.3	13.2	19.8	15.0	17.4	**18.0**	**38.8**	**6.9**
21	32.9	---	23.8	30.5	28.4	36.2	41.2	50.9	36.6	27.5	18.8	16.4	16.0	9.3	7.4	13.4	20.9	22.0	16.9	11.7	10.8	12.7	19.9	11.2	**22.4**	**50.9**	**7.4**
22	11.0	---	11.9	17.9	18.6	14.3	15.3	15.8	22.9	136.6	29.7	30.1	27.1	23.7	8.3	5.7	6.1	4.8	7.4	7.0	6.9	9.8	14.6	19.1	**20.2**	**136.6**	**4.8**
23	---	29.9	36.9	37.0	33.2	37.7	39.0	40.4	26.6	29.4	21.5	17.6	15.5	16.1	16.3	13.1	10.3	8.0	7.5	8.0	3.9	4.2	4.2	3.2	**20.0**	**40.4**	**3.2**
24	---	6.4	6.5	7.4	7.6	11.4	9.2	5.6	5.6	5.0	5.0	5.0	4.9	4.8	4.5	4.1	4.3	4.0	7.3	5.6	5.6	8.7	9.9	12.0	**6.5**	**12.0**	**4.0**
25	---	16.8	22.2	20.6	24.1	26.1	38.6	29.0	14.3	8.6	7.8	5.1	5.0	6.9	4.8	4.1	3.5	4.1	5.2	7.0	9.3	16.3	18.7	20.6	**13.9**	**38.6**	**3.5**
26	---	22.7	20.3	21.5	20.3	20.8	21.0	24.3	15.4	10.7	---	---	6.7	5.9	3.9	5.7	6.0	6.6	8.2	5.9	5.3	5.8	6.1	8.4	**12.0**	**24.3**	**3.9**
27	10.5	---	9.7	9.0	9.9	9.1	7.3	7.6	6.6	5.8	4.4	4.2	5.1	4.6	3.2	4.8	5.1	7.3	8.8	8.6	11.6	13.9	14.6	17.6	**8.2**	**17.6**	**3.2**
28	20.5	---	22.3	14.7	12.4	10.5	9.7	9.6	9.0	7.3	7.9	8.1	7.6	6.7	6.5	6.3	6.1	5.5	6.7	7.6	11.9	8.7	10.4	15.5	**10.1**	**22.3**	**5.5**
29	17.3	---	13.9	16.8	20.2	25.8	28.6	29.2	20.5	10.3	5.2	6.7	4.8	4.9	4.3	4.8	6.5	6.9	8.2	7.4	11.2	11.7	12.1	27.2	**13.2**	**29.2**	**4.3**
30	28.3	---	43.1	19.4	36.0	19.7	24.4	19.9	12.1	14.2	8.7	5.2	5.7	7.1	5.4	4.5	6.2	6.0	6.8	9.1	14.8	6.8	10.3	8.8	**14.0**	**43.1**	**4.5**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**32.9**	**29.9**	**43.1**	**37.0**	**36.0**	**37.7**	**41.2**	**50.9**	**48.1**	**136.6**	**29.7**	**30.1**	**27.1**	**23.7**	**23.9**	**30.1**	**24.4**	**22.0**	**16.9**	**16.7**	**19.2**	**34.9**	**23.2**	**27.2**		**136.6**	
MIN	**9.0**	**6.4**	**6.5**	**7.0**	**6.6**	**6.6**	**5.3**	**4.9**	**5.6**	**4.3**	**3.9**	**4.2**	**3.5**	**4.6**	**3.2**	**3.7**	**3.5**	**4.0**	**3.7**	**4.3**	**3.9**	**3.6**	**4.2**	**3.2**			**3.2**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 469 DATA RECOVERY RATE = 65.1%

MONTHLY MEAN = 13.0 ppb

MAXIMUM UPWIND THC PAMS = 136.6 ppb DATE OF OCCURRENCE = 6/22 AT 1000 MAXIMUM DAILY MEAN = 22.4 ppb DATE OF OCCURRENCE = 6/21

MINIMUM UPWIND THC PAMS = 3.2 ppb DATE OF OCCURRENCE = 6/23 AT 2400 MINUMUM DAILY MEAN = 6.5 ppb DATE OF OCCURRENCE = 6/24

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

HarmonCreek

DOWNWIND PROPANE in ppb for APRIL, 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	2.4	2.6	---	---	2.7	2.5	2.6	2.3	2.2	1.8	1.5	1.3	1.4	1.5	0.9	0.8	0.8	0.7	0.7	1.5	1.5	1.0	2.0	**1.7**	**2.7**	**0.7**
2	2.4	1.6	2.2	---	---	1.9	1.9	2.3	1.6	1.4	0.9	0.9	0.9	0.8	0.8	0.8	0.8	1.0	0.9	1.2	1.2	0.9	1.1	---	**1.3**	**2.4**	**0.8**
3	1.6	1.8	1.2	1.8	1.7	1.8	2.3	2.4	1.3	1.3	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.7	1.2	2.7	---	**1.3**	**2.7**	**0.6**
4	1.4	2.8	2.2	2.2	3.2	5.4	5.5	5.1	3.9	1.8	1.4	1.3	1.6	0.8	0.6	0.6	1.2	1.1	1.3	3.1	2.3	1.5	1.5	---	**2.3**	**5.5**	**0.6**
5	6.8	16.9	5.7	12.7	12.0	7.1	6.9	8.2	6.3	3.9	2.9	3.0	2.2	1.2	1.5	1.4	1.7	1.5	1.2	1.0	1.1	1.1	1.5	---	**4.7**	**16.9**	**1.0**
6	1.3	1.7	1.3	2.5	1.8	3.6	3.9	2.3	1.8	1.5	1.3	1.1	1.0	0.9	0.9	1.0	1.5	1.7	2.3	1.9	2.8	3.9	5.8	---	**2.1**	**5.8**	**0.9**
7	7.5	6.4	5.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.2	0.2	0.2	0.2	0.2	0.8	1.4	1.5	1.8	---	**---**	**---**	**---**
17	4.0	3.3	4.3	9.7	8.5	7.5	5.5	4.6	2.7	1.2	1.7	1.2	1.2	1.2	2.4	3.3	4.6	7.8	4.3	2.3	1.6	1.6	1.7	---	**3.7**	**9.7**	**1.2**
18	2.3	2.4	2.2	2.3	1.5	1.1	1.2	0.7	0.7	0.7	0.8	0.9	0.7	0.8	0.7	0.8	0.8	0.8	0.9	1.0	1.1	1.1	1.9	---	**1.2**	**2.4**	**0.7**
19	7.0	5.7	---	---	9.2	10.1	8.4	7.6	5.4	3.5	2.9	3.3	6.3	8.2	4.3	3.1	3.1	2.3	1.5	1.7	1.9	2.4	2.5	3.2	**4.7**	**10.1**	**1.5**
20	---	2.0	1.0	0.9	0.9	1.4	2.3	1.3	1.4	1.3	1.0	0.5	0.7	0.6	0.4	0.5	0.7	0.7	0.7	0.7	1.7	2.5	2.7	4.4	**1.3**	**4.4**	**0.4**
21	---	4.5	3.3	2.5	1.7	1.0	1.2	0.7	0.5	0.7	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.7	0.7	0.6	0.6	0.7	**1.0**	**4.5**	**0.5**
22	---	0.9	1.1	1.0	1.3	1.3	1.7	1.2	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.9	0.9	1.0	1.0	1.3	1.4	2.5	**1.0**	**2.5**	**0.7**
23	---	2.7	2.4	2.1	3.0	2.8	3.9	3.9	4.5	8.8	12.3	4.5	3.2	3.1	2.7	2.5	2.6	2.3	2.2	1.3	1.0	1.2	1.1	1.0	**3.3**	**12.3**	**1.0**
24	---	2.1	2.0	1.8	1.7	1.8	2.2	3.1	3.6	2.8	3.1	2.0	1.9	1.5	1.5	1.4	1.2	0.8	0.9	1.6	1.5	1.1	1.0	1.6	**1.8**	**3.6**	**0.8**
25	---	1.2	3.5	2.9	4.0	4.1	5.6	2.5	2.0	1.7	1.9	1.2	1.0	1.0	0.8	0.8	0.8	0.8	1.2	7.2	1.6	1.4	1.4	1.4	**2.2**	**7.2**	**0.8**
26	---	1.1	1.1	1.1	1.4	1.5	1.2	1.1	1.1	1.0	0.9	0.8	1.1	1.0	0.9	3.0	2.1	1.9	2.7	2.3	1.0	2.5	0.7	0.7	**1.4**	**3.0**	**0.7**
27	---	0.6	0.5	0.5	0.9	1.1	0.9	0.6	0.9	2.5	0.7	0.7	0.4	0.4	0.5	0.6	0.7	0.5	0.9	2.0	1.0	2.9	2.2	3.5	**1.1**	**3.5**	**0.4**
28	---	3.0	3.8	1.5	3.1	3.2	4.1	3.9	2.6	2.7	6.2	7.4	7.2	8.0	7.7	7.9	7.0	4.7	4.7	5.3	4.7	4.6	3.8	7.0	**5.0**	**8.0**	**1.5**
29	---	5.1	5.4	4.9	5.4	4.5	4.0	5.0	4.1	3.6	2.5	2.1	1.2	0.9	0.8	0.9	0.9	1.5	1.0	0.9	1.2	2.1	1.2	0.6	**2.6**	**5.4**	**0.6**
30	---	---	---	1.7	2.1	2.4	3.1	1.9	3.8	9.8	7.7	7.2	9.2	2.2	0.9	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.9	1.1	**2.8**	**9.8**	**0.8**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**7.5**	**16.9**	**5.7**	**12.7**	**12.0**	**10.1**	**8.4**	**8.2**	**6.3**	**9.8**	**12.3**	**7.4**	**9.2**	**8.2**	**7.7**	**7.9**	**7.0**	**7.8**	**4.7**	**7.2**	**4.7**	**4.6**	**5.8**	**7.0**		**16.9**	
MIN	**1.3**	**0.6**	**0.5**	**0.5**	**0.9**	**1.0**	**0.9**	**0.6**	**0.5**	**0.7**	**0.5**	**0.5**	**0.4**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 2.3 ppb

MAXIMUM DOWNWIND PROPANE = 16.9 ppb DATE OF OCCURRENCE = 4/5 AT 0200 MAXIMUM DAILY MEAN = 5.0 ppb DATE OF OCCURRENCE = 4/28

MINIMUM DOWNWIND PROPANE = 0.2 ppb DATE OF OCCURRENCE = 4/16 AT 1700 MINUMUM DAILY MEAN = 1.0 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

DOWNWIND PROPANE in ppb for MAY, 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	---	1.3	1.5	1.5	1.1	1.3	1.8	1.4	1.0	1.4	0.9	0.7	0.8	0.9	0.8	0.9	0.8	0.8	0.7	0.8	1.2	2.1	3.4	**1.2**	**3.4**	**0.7**
2	3.0	---	7.3	6.0	11.2	8.5	9.4	10.2	6.1	5.8	6.2	5.1	7.9	5.5	9.7	11.5	6.5	5.0	4.3	8.2	6.6	5.0	3.3	1.4	**6.7**	**11.5**	**1.4**
3	1.2	---	1.9	1.6	2.0	2.2	2.5	5.2	2.7	1.9	1.4	0.9	1.0	1.2	1.0	1.0	0.8	0.8	1.0	1.2	1.5	1.2	1.3	1.1	**1.6**	**5.2**	**0.8**
4	0.8	---	0.6	0.8	0.7	1.6	0.9	0.6	0.8	0.5	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.7	0.9	0.7	1.8	2.5	1.5	0.5	**0.8**	**2.5**	**0.4**
5	0.8	---	1.3	0.6	1.7	4.4	1.2	0.9	1.1	0.9	0.8	1.0	1.0	1.3	1.3	0.9	1.1	1.2	1.2	1.7	1.7	1.4	1.7	1.7	**1.3**	**4.4**	**0.6**
6	1.8	---	0.9	0.8	0.8	1.1	0.7	0.8	0.9	0.7	0.7	0.6	0.5	3.5	0.4	0.6	0.3	0.3	0.3	0.4	0.7	0.7	1.5	2.1	**0.9**	**3.5**	**0.3**
7	3.6	---	1.8	3.3	2.5	2.5	3.2	4.2	1.7	1.2	1.3	0.7	0.6	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.8	1.1	**1.4**	**4.2**	**0.4**
8	3.3	---	2.7	5.6	2.3	2.7	1.5	1.6	2.4	2.0	2.4	2.1	1.5	0.7	0.5	0.5	0.4	0.3	0.3	0.3	0.5	0.4	0.5	0.8	**1.5**	**5.6**	**0.3**
9	0.7	---	1.5	1.5	1.2	1.1	1.9	1.6	1.2	0.7	0.4	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.7	1.1	2.4	2.5	**0.9**	**2.5**	**0.0**
10	2.9	---	4.4	6.4	3.3	3.5	6.0	4.2	2.3	2.3	1.6	1.5	2.6	2.1	3.5	0.8	0.9	3.5	1.7	0.4	0.7	0.6	---	---	**2.6**	**6.4**	**0.4**
11	2.9	1.8	---	0.8	0.6	0.7	0.7	0.4	0.3	0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.4	0.6	0.5	0.6	0.5	0.6	0.6	0.7	**0.7**	**2.9**	**0.3**
12	---	1.4	1.2	1.2	1.2	1.3	1.4	0.8	0.5	0.4	0.4	0.6	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.5	1.2	0.8	0.8	**0.8**	**1.4**	**0.4**
13	---	2.5	1.8	2.6	3.7	5.2	4.2	3.6	1.8	1.1	0.6	0.6	0.6	0.5	0.5	0.7	0.9	1.0	0.8	0.9	2.0	1.7	7.9	6.5	**2.2**	**7.9**	**0.5**
14	---	6.7	7.8	10.6	8.5	5.7	6.5	10.9	7.2	8.4	8.3	6.0	8.9	8.1	8.5	5.8	1.3	1.8	6.1	6.2	3.6	1.5	1.4	1.4	**6.1**	**10.9**	**1.3**
15	---	2.7	4.8	5.8	6.7	11.0	8.2	3.6	2.2	1.5	1.1	0.9	0.9	0.8	1.1	0.6	2.8	1.0	0.7	0.7	0.9	1.1	1.0	1.0	**2.6**	**11.0**	**0.6**
16	---	0.9	1.6	1.2	3.6	3.0	2.9	1.8	1.0	0.9	0.8	1.0	0.8	0.7	0.8	0.8	0.8	0.8	1.4	1.9	2.1	3.8	3.5	4.0	**1.7**	**4.0**	**0.7**
17	---	1.8	1.5	1.5	1.7	1.7	1.8	2.7	1.7	1.3	1.5	2.7	2.7	2.8	1.2	0.8	0.8	1.1	0.9	1.6	1.2	1.3	1.3	1.1	**1.6**	**2.8**	**0.8**
18	---	1.4	1.2	1.2	3.1	3.1	3.1	1.2	1.4	1.0	0.9	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.7	0.7	0.8	1.1	**1.1**	**3.1**	**0.4**
19	---	0.9	0.9	0.7	0.8	0.7	0.7	0.8	0.9	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.6	0.5	0.6	0.4	0.5	0.4	0.5	0.2	**0.6**	**0.9**	**0.2**
20	---	0.3	0.3	0.3	0.3	0.4	2.8	0.5	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.9	0.7	0.7	0.7	**0.5**	**2.8**	**0.3**
21	---	0.6	0.7	0.7	0.9	0.7	0.6	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	---	---	1.8	4.0	**0.6**	**4.0**	**0.2**
22	2.2	---	3.1	1.2	1.3	2.6	3.4	2.2	1.2	1.2	1.0	0.9	2.4	2.1	2.2	1.6	1.3	1.3	1.4	2.3	5.4	4.4	4.6	3.6	**2.3**	**5.4**	**0.9**
23	6.6	---	6.9	7.3	8.6	8.1	7.9	5.9	5.1	3.9	3.2	1.2	1.3	1.2	1.2	1.2	2.0	1.2	1.2	1.3	2.8	3.2	4.0	5.6	**4.0**	**8.6**	**1.2**
24	7.2	---	11.5	11.3	8.4	8.0	9.0	6.8	3.7	3.6	4.8	4.1	4.3	3.2	5.5	2.6	2.8	2.5	2.1	1.7	2.3	2.3	2.4	2.3	**4.9**	**11.5**	**1.7**
25	2.6	---	4.1	5.2	4.2	4.2	3.3	4.3	5.8	6.1	5.1	3.9	2.0	2.1	1.3	3.9	1.8	1.2	1.3	1.8	2.3	2.4	2.7	3.0	**3.2**	**6.1**	**1.2**
26	3.5	---	4.5	5.0	6.2	5.7	5.7	3.4	4.1	2.6	1.6	1.4	0.7	0.6	0.4	0.4	0.3	0.3	0.4	0.6	2.1	4.2	2.6	3.0	**2.6**	**6.2**	**0.3**
27	4.3	---	4.0	4.1	3.5	5.1	5.1	3.3	1.9	2.1	1.6	0.8	0.4	0.7	0.4	0.3	0.3	0.3	0.5	1.0	0.8	0.8	0.8	0.9	**1.9**	**5.1**	**0.3**
28	1.3	---	2.0	2.4	1.9	1.6	0.7	0.7	1.3	2.6	5.0	2.8	2.4	3.2	3.7	2.6	2.4	3.1	2.2	3.7	2.9	4.1	6.1	8.0	**2.9**	**8.0**	**0.7**
29	9.5	---	8.9	11.6	13.1	15.5	11.5	10.5	6.5	6.8	7.0	3.1	5.5	4.6	4.1	1.0	0.9	0.9	2.4	1.5	1.8	1.7	1.8	0.9	**5.7**	**15.5**	**0.9**
30	2.7	---	2.5	4.2	4.5	3.7	5.0	3.2	2.5	1.6	1.7	1.8	1.0	0.4	0.5	0.4	0.4	0.7	0.4	0.3	0.4	1.4	2.6	2.2	**1.9**	**5.0**	**0.3**
31	4.5	---	2.8	3.0	3.4	3.7	1.4	1.6	0.8	0.4	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.5	1.6	1.7	**1.3**	**4.5**	**0.2**
MEAN	**---**	**---**	**3.2**	**3.5**	**3.6**	**3.9**	**3.7**	**3.2**	**2.3**	**2.1**	**2.0**	**1.5**	**1.7**	**1.6**	**1.7**	**1.4**	**1.1**	**1.1**	**1.2**	**1.4**	**1.6**	**1.8**	**2.1**	**2.2**	**2.2**		
MAX	**9.5**	**6.7**	**11.5**	**11.6**	**13.1**	**15.5**	**11.5**	**10.9**	**7.2**	**8.4**	**8.3**	**6.0**	**8.9**	**8.1**	**9.7**	**11.5**	**6.5**	**5.0**	**6.1**	**8.2**	**6.6**	**5.0**	**7.9**	**8.0**		**15.5**	
MIN	**0.7**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.6**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.0**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.4**	**0.5**	**0.2**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 2.2 ppb

MAXIMUM DOWNWIND PROPANE = 15.5 ppb DATE OF OCCURRENCE = 5/29 AT 0600 MAXIMUM DAILY MEAN = 6.7 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND PROPANE = 0.0 ppb DATE OF OCCURRENCE = 5/9 AT 1300 MINUMUM DAILY MEAN = 0.5 ppb DATE OF OCCURRENCE = 5/20

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

HarmonCreek

DOWNWIND PROPANE in ppb for JUNE, 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	4.6	---	5.5	5.7	7.1	4.2	5.6	7.3	4.1	3.2	4.5	2.6	0.5	0.4	0.8	0.7	0.8	0.7	0.8	1.3	1.5	2.8	4.0	5.1	**3.2**	**7.3**	**0.4**
2	6.6	---	---	7.8	7.8	9.3	10.0	12.3	11.1	12.5	11.6	7.2	5.5	2.0	1.2	0.6	0.8	0.5	0.5	0.8	1.6	2.2	1.1	1.3	**5.2**	**12.5**	**0.5**
3	1.6	1.7	---	2.0	2.1	1.9	2.0	1.8	1.8	2.0	1.4	1.6	1.4	1.3	1.2	1.0	0.8	0.6	0.8	1.1	1.2	2.2	4.6	3.6	**1.7**	**4.6**	**0.6**
4	3.2	3.7	---	6.7	4.2	6.3	6.6	8.4	6.5	6.8	6.1	6.3	5.4	5.5	3.3	1.3	0.9	1.1	3.8	3.1	2.8	2.9	3.8	5.6	**4.5**	**8.4**	**0.9**
5	4.9	9.0	---	10.5	9.8	8.4	7.2	6.4	7.7	7.4	6.3	5.6	5.4	5.6	4.8	3.4	2.7	2.7	2.7	3.0	3.9	4.5	5.8	7.3	**5.9**	**10.5**	**2.7**
6	6.4	5.6	---	4.8	3.5	3.6	3.7	3.2	2.1	2.1	1.1	0.9	1.0	0.5	0.8	0.7	0.8	0.9	0.3	0.4	1.0	0.5	4.1	3.9	**2.2**	**6.4**	**0.3**
7	1.0	2.2	---	2.6	1.5	4.7	3.1	0.8	0.8	1.4	0.5	0.6	0.3	0.6	0.4	0.4	0.3	0.3	0.3	0.4	0.5	1.9	3.2	2.7	**1.3**	**4.7**	**0.3**
8	4.9	4.5	---	3.9	5.5	8.7	4.8	2.6	1.7	1.7	1.0	0.7	0.5	0.4	0.7	0.6	0.5	0.8	1.1	2.5	1.8	2.6	3.1	3.4	**2.5**	**8.7**	**0.4**
9	5.9	7.9	---	6.6	6.7	9.6	8.8	6.3	6.5	6.2	4.4	4.9	4.7	4.6	3.9	5.0	6.7	5.4	4.4	4.5	5.1	5.3	3.4	4.4	**5.7**	**9.6**	**3.4**
10	10.9	17.1	---	8.4	10.0	9.7	9.6	9.6	9.1	8.1	7.3	8.9	6.7	5.8	9.8	7.4	10.3	5.1	2.3	1.9	1.7	3.4	3.8	2.2	**7.4**	**17.1**	**1.7**
11	2.3	1.9	---	2.1	2.2	2.2	2.0	1.5	1.4	0.5	0.4	0.8	0.4	0.5	0.4	0.4	0.7	0.8	0.5	0.7	1.0	2.3	3.1	4.3	**1.4**	**4.3**	**0.4**
12	5.4	5.0	---	6.2	8.1	7.8	4.0	3.9	2.1	1.6	1.1	0.8	0.8	0.8	0.4	0.3	0.2	0.2	0.3	0.8	1.3	1.7	2.5	2.7	**2.5**	**8.1**	**0.2**
13	2.6	1.7	---	2.1	---	---	1.6	1.4	1.5	1.5	1.0	1.0	0.7	0.7	0.5	0.5	0.5	0.5	0.5	1.3	1.1	2.0	2.0	1.4	**1.2**	**2.6**	**0.5**
14	1.6	2.3	2.2	---	1.4	1.1	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.5	1.1	0.7	1.0	0.8	1.1	**0.8**	**2.3**	**0.3**
15	0.9	1.0	1.2	---	1.4	1.2	1.5	1.4	1.6	1.2	0.7	0.8	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.9	1.3	1.6	2.5	**1.0**	**2.5**	**0.4**
16	2.5	2.7	4.5	---	5.1	4.5	4.9	3.8	2.0	1.1	0.6	0.9	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.5	1.3	1.6	2.3	2.7	**1.9**	**5.1**	**0.4**
17	4.0	3.8	4.5	---	3.9	4.4	3.6	3.4	1.5	1.2	1.2	0.9	0.9	0.7	0.6	0.8	0.6	0.4	0.4	0.3	0.4	0.4	0.9	0.7	**1.7**	**4.5**	**0.3**
18	1.3	1.9	1.5	---	1.6	1.6	1.2	1.1	1.1	1.0	0.5	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.6	0.7	2.0	1.8	1.2	3.8	**1.1**	**3.8**	**0.3**
19	5.2	5.3	4.5	---	6.4	8.1	8.8	9.8	11.6	6.7	4.4	4.2	6.8	4.4	2.6	2.0	2.1	4.0	2.7	3.0	2.0	3.2	3.9	5.2	**5.1**	**11.6**	**2.0**
20	5.2	5.7	5.5	---	7.6	11.6	7.4	7.5	5.5	4.5	3.4	3.6	2.0	1.5	1.2	1.3	1.6	1.6	1.6	1.2	2.2	2.4	3.6	4.1	**4.0**	**11.6**	**1.2**
21	7.2	6.0	6.0	---	8.1	10.5	10.4	14.1	10.7	5.9	4.2	4.6	3.9	2.0	2.1	3.2	2.0	3.1	3.8	2.1	2.8	4.2	3.0	2.9	**5.3**	**14.1**	**2.0**
22	3.1	3.3	3.4	---	4.9	3.6	3.5	3.5	5.1	10.2	8.6	10.2	8.9	7.4	1.7	1.1	1.2	1.3	1.6	1.8	2.1	3.4	4.2	4.9	**4.3**	**10.2**	**1.1**
23	---	9.9	13.7	12.8	12.3	12.6	10.7	11.1	10.5	12.1	10.4	10.1	9.0	10.1	9.9	5.3	4.5	2.1	2.0	2.8	0.8	0.8	0.7	0.6	**7.6**	**13.7**	**0.6**
24	---	1.3	1.7	1.7	1.6	---	---	1.6	1.3	1.1	1.1	0.9	0.9	0.9	0.8	0.6	0.7	0.7	0.8	0.8	1.0	2.0	2.2	2.6	**1.2**	**2.6**	**0.6**
25	4.3	---	7.3	7.3	7.6	8.6	8.9	9.3	3.9	2.6	1.7	0.9	1.0	1.5	0.6	0.8	0.6	0.6	1.2	1.5	3.8	4.8	5.8	6.9	**4.0**	**9.3**	**0.6**
26	---	8.2	7.3	6.9	6.8	7.2	7.4	8.3	4.1	2.6	2.3	1.8	1.1	0.9	0.8	0.8	0.8	1.0	0.9	1.7	1.3	1.1	1.8	2.5	**3.4**	**8.3**	**0.8**
27	---	3.7	2.8	2.2	2.9	2.5	2.2	2.1	1.7	1.4	1.2	1.2	1.3	1.1	1.2	2.4	1.6	2.1	3.0	3.2	4.5	6.3	5.7	6.5	**2.7**	**6.5**	**1.1**
28	---	9.2	7.2	4.7	3.5	2.9	2.4	2.5	2.4	1.9	2.2	1.6	1.4	1.2	1.1	1.1	1.3	1.2	1.4	0.7	2.5	2.1	2.8	4.3	**2.7**	**9.2**	**0.7**
29	---	3.4	4.1	4.3	4.7	10.8	6.9	39.6	7.8	2.4	1.4	1.0	0.6	0.3	0.4	0.7	1.0	1.1	2.4	1.5	1.6	3.2	2.8	7.5	**4.8**	**39.6**	**0.3**
30	---	4.5	5.5	4.9	5.3	7.9	7.0	3.6	2.5	1.3	0.9	0.3	0.5	0.6	0.7	0.6	0.3	0.6	0.6	0.7	1.6	4.2	1.9	2.1	**2.5**	**7.9**	**0.3**
MEAN	**4.1**	**4.9**	**---**	**---**	**5.3**	**6.3**	**5.4**	**6.3**	**4.3**	**3.7**	**3.0**	**2.9**	**2.4**	**2.1**	**1.8**	**1.5**	**1.5**	**1.4**	**1.4**	**1.5**	**1.9**	**2.6**	**3.0**	**3.6**	**3.3**		
MAX	**10.9**	**17.1**	**13.7**	**12.8**	**12.3**	**12.6**	**10.7**	**39.6**	**11.6**	**12.5**	**11.6**	**10.2**	**9.0**	**10.1**	**9.9**	**7.4**	**10.3**	**5.4**	**4.4**	**4.5**	**5.1**	**6.3**	**5.8**	**7.5**		**39.6**	
MIN	**0.9**	**1.0**	**1.2**	**1.7**	**1.4**	**1.1**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.4**	**0.7**	**0.6**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 3.3 ppb

MAXIMUM DOWNWIND PROPANE = 39.6 ppb DATE OF OCCURRENCE = 6/29 AT 0800 MAXIMUM DAILY MEAN = 7.6 ppb DATE OF OCCURRENCE = 6/23

MINIMUM DOWNWIND PROPANE = 0.2 ppb DATE OF OCCURRENCE = 6/12 AT 1700 MINUMUM DAILY MEAN = 0.8 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND BUTANE in ppb for APRIL, 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	1.2	1.0	---	---	1.1	0.9	0.9	0.8	0.9	0.6	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.4	0.6	**0.6**	**1.2**	**0.2**
2	0.8	0.6	0.7	---	---	0.8	0.7	0.8	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	---	**0.5**	**0.8**	**0.3**
3	0.6	0.6	0.5	0.7	0.6	0.7	1.1	1.0	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	1.0	---	**0.5**	**1.1**	**0.2**
4	0.6	1.2	1.0	1.0	1.3	1.8	2.2	2.0	1.3	0.6	0.4	0.3	0.4	0.2	0.2	0.2	0.4	0.4	0.6	1.5	1.3	0.8	0.8	---	**0.9**	**2.2**	**0.2**
5	4.5	10.3	3.4	5.3	3.9	3.5	2.2	2.9	2.2	1.6	1.2	1.3	0.9	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	---	**2.1**	**10.3**	**0.5**
6	0.5	0.6	0.4	0.8	0.6	1.1	1.0	0.7	0.7	0.7	0.8	0.6	0.5	0.4	0.4	0.4	0.4	0.6	0.8	0.8	1.2	1.6	2.5	---	**0.8**	**2.5**	**0.4**
7	3.6	2.9	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.9	0.6	0.6	---	**---**	**---**	**---**
17	0.9	1.1	1.5	3.1	2.6	2.3	2.0	1.7	0.9	0.4	0.5	0.4	0.4	0.4	0.8	1.1	1.7	2.3	1.6	1.0	0.6	0.7	0.8	---	**1.2**	**3.1**	**0.4**
18	0.8	0.9	0.8	0.8	0.5	0.4	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.5	0.4	0.5	0.4	0.7	---	**0.4**	**0.9**	**0.2**
19	2.8	2.8	---	---	3.3	3.7	2.7	2.5	1.8	1.3	1.1	1.2	1.7	2.1	1.4	1.1	1.1	0.9	0.6	0.6	0.7	1.1	1.1	1.1	**1.7**	**3.7**	**0.6**
20	---	0.7	0.3	0.3	0.3	0.4	0.7	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.3	0.3	0.9	1.2	1.0	1.6	**0.5**	**1.6**	**0.1**
21	---	2.0	1.4	1.1	0.7	0.4	0.5	0.2	0.1	0.3	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	0.2	**0.4**	**2.0**	**0.1**
22	---	0.3	0.4	1.1	2.4	1.9	1.1	0.5	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.6	0.6	1.1	**0.6**	**2.4**	**0.2**
23	---	1.2	1.1	1.0	1.3	1.3	1.8	1.8	2.0	2.4	3.1	1.8	1.2	1.1	1.0	0.9	1.0	0.9	1.0	0.5	0.4	0.5	0.5	0.5	**1.2**	**3.1**	**0.4**
24	---	0.8	1.0	0.9	0.6	0.8	0.9	1.1	1.4	1.1	1.1	0.8	0.7	0.5	0.5	0.5	0.4	0.3	0.3	0.6	0.6	0.6	0.5	0.6	**0.7**	**1.4**	**0.3**
25	---	0.4	1.3	1.1	1.2	1.0	1.5	0.9	0.7	0.6	0.9	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.5	1.6	0.6	0.5	0.5	0.5	**0.7**	**1.6**	**0.3**
26	---	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.3	0.2	1.0	0.7	0.6	0.9	0.7	0.3	0.9	0.3	0.2	**0.5**	**1.0**	**0.2**
27	---	0.2	0.2	0.1	0.3	0.3	0.3	0.2	0.4	0.9	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.7	0.5	1.3	0.9	1.6	**0.4**	**1.6**	**0.1**
28	---	1.3	1.6	0.6	0.9	1.1	1.4	1.3	0.8	0.9	2.1	2.1	2.2	2.4	2.3	2.3	2.1	1.6	1.4	1.6	1.4	1.4	1.2	2.3	**1.6**	**2.4**	**0.6**
29	---	1.7	1.7	1.5	1.6	1.3	1.3	1.4	1.5	1.3	0.9	0.7	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.7	1.0	0.6	0.4	**0.9**	**1.7**	**0.4**
30	---	---	---	0.7	0.6	0.8	0.8	0.6	1.0	2.3	1.9	1.8	2.3	0.8	0.4	0.4	0.4	0.3	0.4	0.5	0.3	0.4	0.7	0.6	**0.9**	**2.3**	**0.3**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**4.5**	**10.3**	**3.4**	**5.3**	**3.9**	**3.7**	**2.7**	**2.9**	**2.2**	**2.4**	**3.1**	**2.1**	**2.3**	**2.4**	**2.3**	**2.3**	**2.1**	**2.3**	**1.6**	**1.6**	**1.4**	**1.6**	**2.5**	**2.3**		**10.3**	
MIN	**0.5**	**0.2**	**0.2**	**0.1**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.9 ppb

MAXIMUM DOWNWIND BUTANE = 10.3 ppb DATE OF OCCURRENCE = 4/5 AT 0200 MAXIMUM DAILY MEAN = 2.1 ppb DATE OF OCCURRENCE = 4/5

MINIMUM DOWNWIND BUTANE = 0.1 ppb DATE OF OCCURRENCE = 4/16 AT 1900 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

DOWNWIND BUTANE in ppb for MAY, 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	---	0.6	0.7	0.6	0.5	0.5	0.8	0.6	0.4	0.6	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.5	0.8	1.6	**0.5**	**1.6**	**0.3**
2	1.4	---	2.4	2.1	3.6	2.8	3.3	3.4	2.0	1.9	1.7	1.3	1.9	1.3	2.4	3.0	1.8	1.5	1.2	2.3	1.8	1.6	1.6	0.7	**2.0**	**3.6**	**0.7**
3	0.7	---	0.9	0.8	1.0	1.0	1.1	1.9	1.2	1.0	0.7	0.5	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.9	1.0	0.7	0.9	0.5	**0.8**	**1.9**	**0.4**
4	0.4	---	0.3	0.5	0.3	0.7	0.4	0.2	0.4	0.2	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.7	1.0	0.5	0.1	**0.3**	**1.0**	**0.1**
5	0.3	---	0.2	0.2	0.3	0.6	0.3	0.5	0.5	0.4	0.4	0.5	0.4	0.6	0.8	0.4	0.5	0.6	0.5	0.8	0.7	0.6	0.6	0.5	**0.5**	**0.8**	**0.2**
6	0.8	---	0.4	0.3	0.3	0.4	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.9	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.3	0.6	0.8	**0.3**	**0.9**	**0.1**
7	1.2	---	0.8	1.4	1.0	1.0	1.4	1.5	0.7	0.6	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.7	**0.6**	**1.5**	**0.2**
8	1.4	---	0.7	0.9	0.7	0.9	0.5	0.8	1.2	0.9	1.1	0.9	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	**0.5**	**1.4**	**0.1**
9	0.2	---	0.7	0.8	0.5	0.4	0.9	0.7	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	1.1	1.1	**0.4**	**1.1**	**0.1**
10	1.2	---	1.4	2.2	1.4	1.5	2.1	1.4	0.9	0.8	0.6	0.5	0.8	0.6	1.0	0.4	0.3	0.8	0.5	0.1	0.3	0.4	---	---	**0.9**	**2.2**	**0.1**
11	0.9	0.9	---	0.4	0.3	0.4	0.3	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	0.4	**0.3**	**0.9**	**0.1**
12	---	0.7	0.5	0.7	0.5	0.6	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.5	0.4	0.4	**0.3**	**0.7**	**0.1**
13	---	0.9	0.7	1.0	1.2	1.7	1.4	1.2	0.8	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.4	0.4	0.6	2.1	2.7	**0.8**	**2.7**	**0.2**
14	---	4.6	3.6	3.0	2.5	1.9	2.1	3.1	2.0	2.5	2.0	1.6	2.4	2.3	2.4	1.7	0.6	0.7	1.5	1.9	1.3	0.7	0.8	0.5	**2.0**	**4.6**	**0.5**
15	---	0.9	1.6	2.0	2.4	3.6	3.0	1.3	0.7	0.6	0.5	0.5	0.4	0.3	0.5	0.4	0.7	0.5	0.6	0.6	0.4	0.5	0.4	0.4	**1.0**	**3.6**	**0.3**
16	---	0.4	0.6	0.5	1.2	0.7	0.8	0.6	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.8	1.1	1.1	1.1	1.0	**0.6**	**1.2**	**0.4**
17	---	0.7	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.6	0.7	0.8	0.8	0.8	0.5	0.4	0.4	0.5	0.4	0.6	0.5	0.5	0.5	0.4	**0.6**	**0.9**	**0.4**
18	---	0.6	0.5	0.5	1.0	1.0	1.0	0.6	0.6	0.5	0.4	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	**0.4**	**1.0**	**0.2**
19	---	0.3	0.4	0.3	0.4	0.3	0.3	0.4	0.4	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**	**0.4**	**0.1**
20	---	0.1	0.1	0.1	0.1	0.2	1.5	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.3	0.3	**0.2**	**1.5**	**0.1**
21	---	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	0.1	0.2	---	---	0.5	1.3	**0.2**	**1.3**	**0.1**
22	0.7	---	0.5	0.5	0.5	0.9	1.2	0.8	0.6	0.6	0.5	0.4	0.7	0.6	0.7	0.5	0.4	0.5	0.5	0.6	1.4	0.9	1.3	1.1	**0.7**	**1.4**	**0.4**
23	2.1	---	1.6	2.0	2.6	2.2	2.2	1.7	1.6	1.2	0.9	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.4	0.5	0.7	0.9	1.1	1.4	**1.1**	**2.6**	**0.3**
24	2.0	---	4.2	3.9	2.7	2.8	3.1	2.4	1.1	1.0	1.3	1.1	1.2	0.8	1.3	0.7	0.7	0.7	0.6	0.5	0.6	0.8	0.7	0.8	**1.5**	**4.2**	**0.5**
25	0.8	---	1.3	1.7	1.4	1.5	1.1	1.3	1.8	1.7	1.4	1.1	0.6	0.6	0.5	1.0	0.5	0.5	0.7	0.6	0.9	0.8	0.8	0.8	**1.0**	**1.8**	**0.5**
26	1.0	---	1.3	1.4	1.7	1.7	1.8	1.1	1.4	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.3	0.8	1.4	1.1	1.0	**0.8**	**1.8**	**0.1**
27	1.3	---	1.3	1.3	1.1	1.5	1.6	1.0	0.6	0.6	0.4	0.3	0.2	0.3	0.1	0.2	0.2	0.1	0.2	0.5	0.4	0.3	0.3	0.3	**0.6**	**1.6**	**0.1**
28	0.3	---	0.6	0.7	0.5	0.7	0.5	0.3	0.5	0.7	1.4	0.8	0.7	0.8	0.9	0.7	0.6	0.7	0.6	1.1	1.1	1.9	1.9	3.1	**0.9**	**3.1**	**0.3**
29	3.6	---	2.9	3.2	3.6	4.4	3.4	3.2	2.0	1.8	1.8	0.8	1.4	1.0	1.0	0.3	0.3	0.3	0.5	0.5	0.6	0.5	0.6	0.4	**1.6**	**4.4**	**0.3**
30	1.0	---	0.8	1.4	1.6	1.2	1.9	1.2	1.0	0.6	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.4	1.0	0.7	**0.7**	**1.9**	**0.2**
31	1.3	---	0.9	0.8	0.9	1.0	0.3	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	0.1	0.4	0.4	0.4	**0.4**	**1.3**	**0.1**
MEAN	---	---	**1.1**	**1.2**	**1.2**	**1.3**	**1.3**	**1.1**	**0.8**	**0.7**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.3**	**0.4**	**0.4**	**0.5**	**0.6**	**0.6**	**0.8**	**0.8**	**0.7**		
MAX	**3.6**	**4.6**	**4.2**	**3.9**	**3.6**	**4.4**	**3.4**	**3.4**	**2.0**	**2.5**	**2.0**	**1.6**	**2.4**	**2.3**	**2.4**	**3.0**	**1.8**	**1.5**	**1.5**	**2.3**	**1.8**	**1.9**	**2.1**	**3.1**		**4.6**	
MIN	**0.2**	**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**	**0.1**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.7 ppb

MAXIMUM DOWNWIND BUTANE = 4.6 ppb DATE OF OCCURRENCE = 5/14 AT 0200 MAXIMUM DAILY MEAN = 2.0 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND BUTANE = 0.1 ppb DATE OF OCCURRENCE = 5/8 AT 1900 MINUMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 5/20

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

HarmonCreek

DOWNWIND BUTANE in ppb for JUNE, 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	1.4	---	1.8	1.9	2.2	1.5	1.9	2.7	1.5	1.1	1.7	0.9	0.2	0.1	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.9	1.5	1.8	**1.1**	**2.7**	**0.1**
2	2.5	---	---	2.8	2.8	3.3	3.6	3.8	3.6	4.7	4.7	2.7	1.9	0.6	0.5	0.4	0.5	0.4	0.4	0.6	0.6	0.9	0.6	0.5	**1.9**	**4.7**	**0.4**
3	0.7	0.8	---	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.3	0.5	0.6	0.7	1.5	1.4	**0.7**	**1.5**	**0.2**
4	1.2	1.4	---	2.3	1.6	2.3	2.6	2.9	2.1	2.0	1.7	1.7	1.4	1.5	1.1	0.4	0.3	0.3	1.3	1.1	1.0	1.0	1.3	2.0	**1.5**	**2.9**	**0.3**
5	1.7	2.6	---	3.5	3.6	3.2	2.6	2.3	2.6	2.6	2.1	2.1	1.9	2.0	1.7	1.0	0.7	0.7	0.6	0.7	1.1	1.4	1.9	2.7	**2.0**	**3.6**	**0.6**
6	2.4	2.0	---	1.8	1.3	1.1	1.2	1.2	0.7	0.7	0.3	0.3	0.4	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.4	0.2	1.3	1.1	**0.8**	**2.4**	**0.2**
7	0.3	0.6	---	0.8	0.5	1.4	0.8	0.3	0.2	0.4	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.6	1.0	0.8	**0.4**	**1.4**	**0.1**
8	1.4	1.3	---	1.1	1.6	2.6	1.4	0.8	0.7	0.7	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	1.1	0.7	1.0	1.0	1.2	**0.9**	**2.6**	**0.3**
9	2.1	2.7	---	2.1	2.2	3.4	3.0	2.3	2.4	2.3	1.3	1.3	1.3	1.3	1.2	1.3	1.7	1.5	1.2	1.2	1.3	1.4	1.0	1.2	**1.8**	**3.4**	**1.0**
10	3.1	4.5	---	2.2	2.6	2.6	2.7	2.6	2.7	2.2	2.0	2.4	1.8	1.5	2.4	1.9	2.4	1.3	0.6	0.5	0.5	0.7	1.1	0.9	**2.0**	**4.5**	**0.5**
11	0.8	0.6	---	0.7	0.7	0.8	0.7	0.6	0.5	0.2	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.7	1.0	1.5	**0.5**	**1.5**	**0.1**
12	2.2	2.2	---	2.3	3.2	2.8	1.4	1.5	0.8	0.5	0.3	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.4	0.7	0.6	**0.9**	**3.2**	**0.1**
13	0.7	0.4	---	0.6	---	---	0.4	0.4	0.4	0.5	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.5	0.4	0.6	0.6	0.3	**0.4**	**0.7**	**0.2**
14	0.4	0.7	0.6	---	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	**0.3**	**0.7**	**0.2**
15	0.3	0.3	0.4	---	0.5	0.4	0.4	0.5	0.6	0.4	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.8	**0.4**	**0.8**	**0.2**
16	0.7	0.7	1.2	---	1.4	1.1	1.3	1.5	1.0	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.7	0.8	**0.6**	**1.5**	**0.2**
17	1.2	1.1	1.3	---	1.0	1.1	1.1	1.2	0.6	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	**0.5**	**1.3**	**0.2**
18	0.4	0.7	0.4	---	0.5	0.6	0.5	0.4	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.6	0.5	0.4	1.3	**0.4**	**1.3**	**0.1**
19	1.8	1.7	1.6	---	2.2	2.8	3.0	3.2	3.5	1.9	1.2	1.3	2.2	1.6	0.8	0.5	0.6	1.2	0.8	0.8	0.6	0.9	1.1	1.7	**1.6**	**3.5**	**0.5**
20	1.9	2.0	2.0	---	2.5	3.7	2.3	2.4	1.6	1.3	1.0	1.1	0.6	0.4	0.3	0.4	0.6	0.6	0.5	0.4	0.9	0.8	1.3	1.6	**1.3**	**3.7**	**0.3**
21	2.8	2.3	2.2	---	2.7	3.6	3.1	4.5	3.5	1.9	1.3	1.6	1.3	0.6	0.6	0.9	0.6	1.0	1.1	0.7	0.9	1.3	1.0	0.9	**1.8**	**4.5**	**0.6**
22	1.1	1.1	1.2	---	1.8	1.4	1.3	1.3	1.9	3.1	2.2	2.6	2.5	1.9	0.5	0.4	0.4	0.4	0.6	0.5	0.6	1.1	1.6	1.7	**1.4**	**3.1**	**0.4**
23	---	3.1	4.6	3.7	3.4	3.4	2.6	3.0	2.7	3.1	2.7	2.7	2.2	2.4	2.4	1.4	1.3	0.6	0.6	1.0	0.4	0.3	0.3	0.2	**2.1**	**4.6**	**0.2**
24	---	0.5	0.8	0.9	0.6	---	---	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.7	0.5	0.7	0.9	**0.5**	**0.9**	**0.2**
25	1.5	---	2.8	2.8	3.0	3.3	3.5	3.7	1.6	1.0	0.6	0.3	0.3	0.4	0.2	0.2	0.3	0.2	0.3	0.6	1.5	2.1	2.6	2.6	**1.5**	**3.7**	**0.2**
26	---	3.4	2.9	2.7	2.7	2.8	2.9	3.4	1.6	0.9	0.8	0.6	0.4	0.3	0.3	0.3	0.4	0.5	0.3	0.6	0.5	0.4	0.6	0.9	**1.3**	**3.4**	**0.3**
27	---	1.4	1.0	0.7	0.9	0.8	0.7	0.7	0.5	0.4	0.5	0.4	0.4	0.3	0.3	0.6	0.5	0.7	1.2	1.2	1.7	2.3	2.4	2.7	**1.0**	**2.7**	**0.3**
28	---	3.9	3.0	1.8	1.3	1.1	1.0	0.9	0.9	0.8	0.7	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.8	0.7	1.3	1.6	**1.0**	**3.9**	**0.3**
29	---	1.1	1.5	1.8	1.5	3.6	2.6	11.7	2.9	0.7	0.4	0.3	0.1	0.1	0.1	0.3	0.5	0.5	0.9	0.6	0.6	1.3	1.1	4.5	**1.7**	**11.7**	**0.1**
30	---	2.1	2.6	2.5	2.2	2.7	2.4	1.2	1.0	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.5	1.3	0.6	0.6	**1.0**	**2.7**	**0.2**
MEAN	**1.4**	**1.7**	**---**	**---**	**1.8**	**2.1**	**1.8**	**2.1**	**1.5**	**1.2**	**1.0**	**0.9**	**0.8**	**0.6**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.8**	**1.0**	**1.3**	**1.1**		
MAX	**3.1**	**4.5**	**4.6**	**3.7**	**3.6**	**3.7**	**3.6**	**11.7**	**3.6**	**4.7**	**4.7**	**2.7**	**2.5**	**2.4**	**2.4**	**1.9**	**2.4**	**1.5**	**1.3**	**1.2**	**1.7**	**2.3**	**2.6**	**4.5**		**11.7**	
MIN	**0.3**	**0.3**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.3**	**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**	**0.2**	**0.2**	**0.2**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 1.1 ppb

MAXIMUM DOWNWIND BUTANE = 11.7 ppb DATE OF OCCURRENCE = 6/29 AT 0800 MAXIMUM DAILY MEAN = 2.1 ppb DATE OF OCCURRENCE = 6/23

MINIMUM DOWNWIND BUTANE = 0.1 ppb DATE OF OCCURRENCE = 6/12 AT 1700 MINUMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND PENTANE in ppb for APRIL, 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	0.3	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	0.2	**0.2**	**0.3**	**0.1**
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**
3	0.2	0.2	0.1	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	0.3	---	**0.1**	**0.3**	**0.1**
4	0.2	0.3	0.3	0.3	0.4	0.6	0.7	0.6	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.2	0.2	---	**0.3**	**0.7**	**0.1**
5	1.8	3.6	1.2	1.7	1.2	1.1	0.7	0.9	0.6	0.5	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	---	**0.7**	**3.6**	**0.1**
6	0.2	0.2	0.1	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.5	0.8	---	**0.2**	**0.8**	**0.1**
7	0.9	1.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.2	---	**---**	**---**	**---**
17	0.3	0.3	0.4	0.9	0.8	0.7	0.6	0.5	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.4	0.3	0.2	0.2	0.2	---	**0.3**	**0.9**	**0.1**
18	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	0.1	0.1	0.1	0.1	0.1	0.2	---	**0.1**	**0.3**	**0.1**
19	0.8	0.9	---	---	1.0	1.0	0.7	0.7	0.5	0.4	0.3	0.3	0.4	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	**0.5**	**1.0**	**0.2**
20	---	0.2	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	0.1	0.1	0.1	0.3	0.4	0.3	0.4	**0.1**	**0.4**	**0.0**
21	---	0.6	0.4	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	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**	**0.6**	**0.0**
22	---	0.1	0.1	0.3	0.6	0.5	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	0.2	0.2	0.3	**0.2**	**0.6**	**0.1**
23	---	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.9	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	**0.4**	**0.9**	**0.2**
24	---	0.2	0.3	0.2	0.2	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	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.4**	**0.1**
25	---	0.1	0.4	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.2	0.2	**0.2**	**0.4**	**0.1**
26	---	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	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	**0.2**	**0.3**	**0.1**
27	---	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.5	0.3	0.6	**0.1**	**0.6**	**0.0**
28	---	0.4	0.5	0.2	0.3	0.3	0.4	0.4	0.2	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.7	**0.4**	**0.7**	**0.2**
29	---	0.5	0.5	0.5	0.5	0.3	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	**0.3**	**0.5**	**0.1**
30	---	---	---	0.2	0.2	0.2	0.2	0.2	0.3	0.6	0.5	0.4	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	**0.2**	**0.6**	**0.1**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**1.8**	**3.6**	**1.2**	**1.7**	**1.2**	**1.1**	**0.7**	**0.9**	**0.6**	**0.6**	**0.9**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.6**	**0.4**	**0.4**	**0.6**	**0.5**	**0.8**	**0.7**		**3.6**	
MIN	**0.2**	**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**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND PENTANE = 3.6 ppb DATE OF OCCURRENCE = 4/5 AT 0200 MAXIMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 4/5

MINIMUM DOWNWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 4/16 AT 1700 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

DOWNWIND PENTANE in ppb for MAY, 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	0.2	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	0.2	0.3	0.5	**0.2**	**0.5**	**0.1**
2	0.4	---	0.8	0.6	1.1	0.8	0.9	1.0	0.5	0.5	0.5	0.4	0.5	0.3	0.7	0.8	0.4	0.4	0.3	0.6	0.5	0.5	0.5	0.2	**0.6**	**1.1**	**0.2**
3	0.2	---	0.3	0.3	0.3	0.3	0.3	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.2	0.3	0.2	**0.2**	**0.6**	**0.1**
4	0.1	---	0.1	0.2	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.1	**0.1**	**0.3**	**0.1**
5	0.1	---	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	**0.2**	**0.3**	**0.1**
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	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	**0.1**	**0.3**	**0.0**
7	0.4	---	0.2	0.4	0.3	0.3	0.4	0.4	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	0.3	**0.2**	**0.4**	**0.1**
8	0.5	---	0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.2**	**0.5**	**0.0**
9	0.1	---	0.3	0.3	0.2	0.1	0.3	0.2	0.2	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	0.3	0.3	**0.1**	**0.3**	**0.0**
10	0.3	---	0.4	0.6	0.4	0.4	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	---	---	**0.3**	**0.6**	**0.1**
11	0.3	0.3	---	0.1	0.1	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	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
12	---	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	0.1	**0.1**	**0.2**	**0.1**
13	---	0.3	0.2	0.3	0.4	0.5	0.4	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	0.2	0.7	1.4	**0.3**	**1.4**	**0.1**
14	---	1.2	1.1	1.0	0.9	0.7	0.7	0.8	0.6	0.8	0.5	0.4	0.6	0.6	0.6	0.5	0.2	0.2	0.4	0.5	0.4	0.2	0.3	0.2	**0.6**	**1.2**	**0.2**
15	---	0.3	0.5	0.6	0.7	1.0	0.9	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.2	**0.3**	**1.0**	**0.1**
16	---	0.1	0.2	0.2	0.4	0.2	0.3	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.3	0.4	0.3	**0.2**	**0.4**	**0.1**
17	---	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	**0.3**	**0.1**
18	---	0.2	0.2	0.2	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	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**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	0.1	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**
20	---	0.0	0.0	0.0	0.1	0.1	0.5	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	0.1	0.1	**0.1**	**0.5**	**0.0**
21	---	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	0.0	0.0	0.0	0.0	0.1	0.1	---	---	0.2	0.4	**0.1**	**0.4**	**0.0**
22	0.3	---	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.3	0.4	0.4	**0.2**	**0.5**	**0.1**
23	0.7	---	0.5	0.7	0.9	0.8	0.8	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.5	**0.4**	**0.9**	**0.1**
24	0.8	---	1.5	1.3	1.0	1.0	1.1	0.9	0.4	0.3	0.4	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	**0.5**	**1.5**	**0.2**
25	0.3	---	0.4	0.6	0.5	0.5	0.4	0.4	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	**0.3**	**0.6**	**0.2**
26	0.4	---	0.4	0.5	0.6	0.7	0.7	0.4	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	0.4	0.4	**0.3**	**0.7**	**0.1**
27	0.5	---	0.5	0.5	0.4	0.6	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	**0.2**	**0.6**	**0.1**
28	0.1	---	0.2	0.3	0.3	0.8	0.4	0.2	0.2	0.3	0.4	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.7	0.7	1.1	**0.4**	**1.1**	**0.1**
29	1.2	---	0.8	0.9	1.0	1.5	0.9	1.0	0.6	0.5	0.5	0.2	0.4	0.3	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	**0.5**	**1.5**	**0.1**
30	0.4	---	0.3	0.5	0.6	0.4	0.7	0.4	0.4	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	0.4	0.3	**0.3**	**0.7**	**0.1**
31	0.5	---	0.3	0.3	0.3	0.4	0.2	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	0.2	0.2	0.2	**0.1**	**0.5**	**0.0**
MEAN	**---**	**---**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.2**		
MAX	**1.2**	**1.2**	**1.5**	**1.3**	**1.1**	**1.5**	**1.1**	**1.0**	**0.6**	**0.8**	**0.5**	**0.4**	**0.6**	**0.6**	**0.7**	**0.8**	**0.4**	**0.4**	**0.4**	**0.6**	**0.5**	**0.7**	**0.7**	**1.4**		**1.5**	
MIN	**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**	**0.0**	**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 = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND PENTANE = 1.5 ppb DATE OF OCCURRENCE = 5/29 AT 0600 MAXIMUM DAILY MEAN = 0.6 ppb DATE OF OCCURRENCE = 5/14

MINIMUM DOWNWIND PENTANE = 0.0 ppb DATE OF OCCURRENCE = 5/8 AT 1800 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/20

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

HarmonCreek

DOWNWIND PENTANE in ppb for JUNE, 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	---	0.6	0.7	0.8	0.5	0.6	0.9	0.5	0.4	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	**0.4**	**0.9**	**0.1**
2	0.8	---	---	0.9	0.9	1.1	1.2	1.2	0.8	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	**0.6**	**1.2**	**0.2**
3	0.3	0.3	---	0.4	0.4	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	0.1	0.2	0.4	0.3	0.5	0.5	**0.3**	**0.5**	**0.1**
4	0.4	0.5	---	0.7	0.5	0.8	0.9	0.9	0.7	0.6	0.5	0.5	0.4	0.5	0.3	0.2	0.1	0.1	0.4	0.4	0.4	0.4	0.5	0.7	**0.5**	**0.9**	**0.1**
5	0.6	0.9	---	1.1	1.1	1.1	0.8	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.7	0.9	**0.6**	**1.1**	**0.2**
6	0.8	0.6	---	0.6	0.4	0.4	0.4	0.4	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	0.1	0.6	0.4	**0.3**	**0.8**	**0.1**
7	0.4	0.3	---	0.4	0.3	0.5	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	0.2	0.3	0.4	**0.2**	**0.5**	**0.1**
8	0.6	0.5	---	0.5	0.6	0.9	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.3	0.4	0.5	0.5	**0.4**	**0.9**	**0.1**
9	0.8	0.9	---	0.8	0.9	1.5	1.4	1.0	0.9	0.9	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.3	0.4	**0.6**	**1.5**	**0.3**
10	0.9	1.2	---	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.7	0.5	0.4	0.7	0.5	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.4	**0.6**	**1.2**	**0.2**
11	0.3	0.2	---	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.3	0.5	**0.2**	**0.5**	**0.1**
12	0.7	0.7	---	0.7	1.0	0.9	0.5	0.5	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	0.3	0.3	**0.3**	**1.0**	**0.1**
13	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	0.1	0.2	0.3	0.1	**0.2**	**0.3**	**0.1**
14	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**	**0.2**	**0.1**
15	0.1	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	0.2	0.2	0.3	0.3	**0.2**	**0.3**	**0.1**
16	0.3	0.3	0.5	---	0.5	0.4	0.5	0.7	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	0.2	0.3	0.3	**0.2**	**0.7**	**0.1**
17	0.4	0.4	0.4	---	0.4	0.4	0.8	0.9	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.3**	**0.9**	**0.1**
18	0.2	0.3	0.2	---	0.2	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	0.1	0.1	0.2	0.2	0.2	0.4	**0.2**	**0.4**	**0.1**
19	0.6	0.6	0.6	---	0.8	1.0	1.0	1.1	1.1	0.6	0.4	0.4	0.6	0.4	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.4	0.6	**0.5**	**1.1**	**0.2**
20	0.7	0.7	0.7	---	0.9	1.2	0.8	0.8	0.5	0.4	0.3	0.4	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.6	**0.5**	**1.2**	**0.1**
21	1.0	0.9	0.9	---	1.0	1.3	1.1	1.4	1.1	0.6	0.4	0.5	0.4	0.2	0.3	0.3	0.2	0.3	0.4	0.3	0.4	0.6	0.4	0.4	**0.6**	**1.4**	**0.2**
22	0.4	0.4	0.5	---	0.7	0.6	0.5	0.6	0.8	1.0	0.7	0.8	0.8	0.7	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.6	0.6	**0.5**	**1.0**	**0.2**
23	---	0.9	1.4	1.1	1.0	0.9	0.7	0.9	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.4	0.4	0.2	0.2	0.3	0.3	0.2	0.2	0.1	**0.6**	**1.4**	**0.1**
24	---	0.2	0.4	0.5	0.3	---	---	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.7	0.2	0.2	0.3	**0.2**	**0.7**	**0.1**
25	0.5	---	1.0	1.0	1.1	1.1	1.1	1.2	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.5	0.8	0.9	0.9	**0.5**	**1.2**	**0.1**
26	---	1.1	1.0	0.9	0.9	0.9	0.9	1.1	0.6	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.3	**0.4**	**1.1**	**0.1**
27	---	0.5	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.4	0.4	0.5	0.7	0.8	0.9	**0.3**	**0.9**	**0.1**
28	---	1.3	1.0	0.7	0.5	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	0.3	0.2	0.4	0.3	0.6	0.6	**0.4**	**1.3**	**0.2**
29	---	0.5	0.7	0.7	0.6	1.2	1.1	3.5	1.5	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.3	0.7	0.6	1.7	**0.7**	**3.5**	**0.1**
30	---	0.9	1.1	1.1	0.9	1.1	1.2	1.0	0.6	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.6	0.3	0.3	**0.5**	**1.2**	**0.1**
MEAN	**0.5**	**0.6**	**---**	**---**	**0.6**	**0.7**	**0.7**	**0.7**	**0.5**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.5**	**0.4**		
MAX	**1.0**	**1.3**	**1.4**	**1.1**	**1.1**	**1.5**	**1.4**	**3.5**	**1.5**	**1.0**	**1.0**	**0.8**	**0.8**	**0.7**	**0.7**	**0.5**	**0.7**	**0.4**	**0.4**	**0.4**	**0.7**	**0.8**	**0.9**	**1.7**		**3.5**	
MIN	**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**	**0.1**	**0.1**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.4 ppb

MAXIMUM DOWNWIND PENTANE = 3.5 ppb DATE OF OCCURRENCE = 6/29 AT 0800 MAXIMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND PENTANE = 0.1 ppb DATE OF OCCURRENCE = 6/18 AT 1800 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND HEXANE in ppb for APRIL, 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	0.0	0.0	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**
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	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
3	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**	**0.1**	**0.0**
4	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	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
5	0.7	1.2	0.4	0.5	0.4	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	0.0	0.1	0.0	0.0	---	**0.2**	**1.2**	**0.0**
6	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	0.2	---	**0.1**	**0.2**	**0.0**
7	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	---	**---**	**---**	**---**
17	0.2	0.1	0.1	0.2	0.2	0.2	0.2	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	0.0	0.1	0.1	---	**0.1**	**0.2**	**0.0**
18	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	0.0	0.0	0.0	0.1	---	**0.0**	**0.2**	**0.0**
19	0.3	0.2	---	---	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
20	---	0.1	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	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
21	---	0.3	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
22	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
23	---	0.2	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
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	0.0	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**
25	---	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	0.0	0.1	0.0	**0.1**	**0.1**	**0.0**
26	---	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	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
27	---	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	0.0	0.0	0.1	0.1	0.1	0.1	0.2	**0.0**	**0.2**	**0.0**
28	---	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.1**
29	---	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	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**
30	---	---	---	0.1	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	0.1	0.0	**0.1**	**0.2**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.7**	**1.2**	**0.4**	**0.5**	**0.4**	**0.3**	**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**	**0.3**	**0.1**	**0.2**	**0.2**		**1.2**	
MIN	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND HEXANE = 1.2 ppb DATE OF OCCURRENCE = 4/5 AT 0200 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/5

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 1900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

DOWNWIND HEXANE in ppb for MAY, 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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
2	0.1	---	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	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
3	0.1	---	0.2	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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
4	0.0	---	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
5	0.0	---	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
6	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	0.1	**0.0**	**0.1**	**0.0**
7	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
8	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.2**	**0.0**
9	0.1	---	0.2	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	0.0	0.0	0.1	0.1	**0.0**	**0.2**	**0.0**
10	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	0.0	0.0	0.1	0.0	0.0	0.0	0.0	---	---	**0.1**	**0.2**	**0.0**
11	0.1	0.1	---	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
12	---	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.7	**0.1**	**0.7**	**0.0**
14	---	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.2**	**0.3**	**0.0**
15	---	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	**0.1**	**0.3**	**0.0**
16	---	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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**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	0.0	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	0.1	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**
19	---	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	0.0	**0.0**	**0.1**	**0.0**
20	---	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
21	---	0.1	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	0.1	**0.0**	**0.1**	**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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
23	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
24	0.3	---	0.6	0.4	0.3	0.3	0.3	0.3	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	**0.2**	**0.6**	**0.0**
25	0.1	---	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	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**
26	0.1	---	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	**0.1**	**0.2**	**0.0**
27	0.1	---	0.2	0.2	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	0.0	0.0	0.1	0.1	0.1	0.1	0.0	**0.1**	**0.2**	**0.0**
28	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	0.1	0.1	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
29	0.3	---	0.3	0.3	0.3	0.5	0.3	0.3	0.2	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**	**0.5**	**0.0**
30	0.1	---	0.2	0.2	0.2	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	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
31	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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**	**0.0**	**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**		
MAX	**0.3**	**0.3**	**0.6**	**0.4**	**0.3**	**0.5**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.2**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.7**		**0.7**	
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 = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND HEXANE = 0.7 ppb DATE OF OCCURRENCE = 5/13 AT 2400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 5/14

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 5/6 AT 1800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/20

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

HarmonCreek

DOWNWIND HEXANE in ppb for JUNE, 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	0.2	0.1	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	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
2	0.2	---	---	0.4	0.3	0.4	0.5	0.3	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	**0.2**	**0.5**	**0.0**
3	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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
4	0.1	0.1	---	0.3	0.2	0.2	0.2	0.3	0.2	0.2	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	0.2	**0.1**	**0.3**	**0.0**
5	0.2	0.3	---	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	**0.2**	**0.4**	**0.0**
6	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	0.0	0.1	0.0	0.0	0.1	0.1	**0.1**	**0.2**	**0.0**
7	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.2**	**0.0**
8	0.1	0.1	---	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.4	0.4	0.3	**0.1**	**0.4**	**0.0**
9	0.3	0.3	---	0.5	0.5	1.3	1.2	0.8	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	0.4	0.1	0.1	**0.3**	**1.3**	**0.1**
10	0.2	0.3	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.1	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	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
12	0.2	0.2	---	0.3	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	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
13	0.1	0.1	---	0.1	---	---	0.1	0.0	0.0	0.0	0.0	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**
14	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	0.0	0.0	**0.0**	**0.1**	**0.0**
15	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	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
16	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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
17	0.1	0.1	0.1	---	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	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
18	0.0	0.1	0.1	---	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	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
19	0.2	0.2	0.2	---	0.3	0.3	0.3	0.3	0.3	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	**0.1**	**0.3**	**0.0**
20	0.2	0.2	0.2	---	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	**0.1**	**0.3**	**0.0**
21	0.3	0.2	0.2	---	0.4	0.4	0.3	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	0.1	0.1	0.1	0.1	**0.2**	**0.4**	**0.1**
22	0.1	0.1	0.1	---	0.3	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.3**	**0.0**
23	---	0.3	0.4	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	**0.2**	**0.4**	**0.0**
24	---	0.1	0.1	0.1	0.1	---	---	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.3	0.0	0.1	0.1	**0.1**	**0.3**	**0.0**
25	0.1	---	0.3	0.3	0.3	0.3	0.3	0.3	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	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
26	---	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	**0.1**	**0.4**	**0.0**
27	---	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	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
28	---	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.2	0.2	0.2	0.1	0.1	0.2	**0.1**	**0.4**	**0.0**
29	---	0.2	0.2	0.2	0.2	0.5	0.4	1.1	0.7	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.3	0.5	0.4	0.7	**0.3**	**1.1**	**0.1**
30	---	0.4	0.5	0.6	0.4	0.8	0.7	0.3	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.1	**0.2**	**0.8**	**0.0**
MEAN	**0.1**	**0.2**	**---**	**---**	**0.2**	**0.3**	**0.2**	**0.2**	**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**	**0.1**		
MAX	**0.3**	**0.4**	**0.5**	**0.6**	**0.5**	**1.3**	**1.2**	**1.1**	**0.7**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**	**0.7**		**1.3**	
MIN	**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**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND HEXANE = 1.3 ppb DATE OF OCCURRENCE = 6/9 AT 0600 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND HEXANE = 0.0 ppb DATE OF OCCURRENCE = 6/7 AT 1500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND BENZENE in ppb for APRIL, 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	---	---	0.2	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**
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	0.1	0.1	---	**0.1**	**0.2**	**0.1**
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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
4	0.2	0.2	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	0.0	0.1	0.1	0.2	0.3	0.3	0.3	---	**0.1**	**0.3**	**0.0**
5	0.5	0.4	0.3	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.1	---	**0.2**	**0.5**	**0.1**
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	0.2	0.3	---	**0.1**	**0.3**	**0.1**
7	0.6	0.3	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.3	0.1	0.2	---	**0.1**	**0.3**	**0.1**
18	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	0.1	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	0.4	0.4	**0.1**	**0.4**	**0.1**
20	---	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	0.1	0.1	0.0	0.1	0.3	0.1	0.1	**0.1**	**0.3**	**0.0**
21	---	0.2	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	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
22	---	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	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
23	---	0.3	0.5	0.6	0.3	0.4	0.5	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	0.3	0.1	0.1	**0.2**	**0.6**	**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	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
25	---	0.2	0.2	0.2	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**
26	---	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	0.0	0.0	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	0.0	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**	**0.0**
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	0.2	0.1	0.2	**0.1**	**0.2**	**0.1**
29	---	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	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.4**	**0.0**
30	---	---	---	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.6**	**0.4**	**0.5**	**0.6**	**0.3**	**0.4**	**0.5**	**0.4**	**0.4**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.2**	**0.2**	**0.3**	**0.3**	**0.4**	**0.4**		**0.6**	
MIN	**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**	**0.1**	**0.1**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND BENZENE = 0.6 ppb DATE OF OCCURRENCE = 4/23 AT 0400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/5

MINIMUM DOWNWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/4 AT 1700 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 4/27

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

HarmonCreek

DOWNWIND BENZENE in ppb for MAY, 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	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	**0.1**	**0.4**	**0.1**
2	0.3	---	0.4	0.4	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**	**0.4**	**0.1**
3	0.1	---	0.2	0.1	0.1	0.8	0.3	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.2**	**0.8**	**0.1**
4	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	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	**0.0**	**0.2**	**0.0**
5	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	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
6	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	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**
7	0.1	---	0.8	1.2	1.5	1.7	1.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1	**0.3**	**1.7**	**0.0**
8	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.3**	**0.0**
9	0.0	---	0.1	0.1	0.1	0.1	0.7	0.5	0.1	0.1	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	**0.1**	**0.7**	**0.0**
10	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	---	---	**0.1**	**0.2**	**0.0**
11	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	0.0	**0.0**	**0.1**	**0.0**
12	---	0.5	0.9	0.6	0.2	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	0.3	0.1	0.1	0.1	**0.1**	**0.9**	**0.0**
13	---	0.3	0.9	0.9	0.8	0.3	0.2	0.4	0.4	0.3	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	0.2	**0.2**	**0.9**	**0.0**
14	---	0.3	0.2	0.2	0.2	0.3	0.3	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**	**0.3**	**0.0**
15	---	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	0.0	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
16	---	0.1	0.1	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	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
17	---	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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**	**0.3**	**0.0**
18	---	0.2	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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
19	---	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
20	---	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
21	---	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**	**0.0**
22	0.0	---	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
23	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	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
24	0.3	---	0.5	0.2	0.4	0.4	0.5	0.3	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	**0.2**	**0.5**	**0.0**
25	0.1	---	0.2	0.2	0.1	0.2	0.2	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**	**0.2**	**0.0**
26	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	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**
27	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	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
28	0.0	---	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	0.1	0.1	**0.0**	**0.1**	**0.0**
29	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
30	0.0	---	0.1	0.1	0.2	0.7	0.4	0.2	0.1	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	0.3	0.1	**0.1**	**0.7**	**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	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
MEAN	---	---	**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**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.3**	**0.5**	**0.9**	**1.2**	**1.5**	**1.7**	**1.3**	**0.5**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.2**	**0.2**	**0.3**	**0.1**	**0.2**	**0.1**	**0.3**	**0.1**	**0.4**	**0.2**		**1.7**	
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 = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND BENZENE = 1.7 ppb DATE OF OCCURRENCE = 5/7 AT 0600 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 5/7

MINIMUM DOWNWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/12 AT 1800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/29

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

HarmonCreek

DOWNWIND BENZENE in ppb for JUNE, 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	---	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**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	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.2	**0.1**	**0.6**	**0.0**
4	0.1	0.1	---	0.3	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	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
5	0.1	0.1	---	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.1	**0.1**	**0.3**	**0.0**
6	0.1	0.1	---	0.2	0.1	0.2	0.5	0.2	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	**0.1**	**0.5**	**0.0**
7	0.0	0.0	---	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	0.1	**0.0**	**0.2**	**0.0**
8	0.1	0.1	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
9	0.1	0.1	---	0.2	0.2	0.2	0.4	1.1	0.6	0.2	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	**0.2**	**1.1**	**0.0**
10	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	0.0	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	---	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.2	0.0	0.1	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**
12	0.2	0.1	---	0.2	0.1	0.2	0.8	0.5	0.3	0.2	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	**0.1**	**0.8**	**0.0**
13	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	0.1	0.1	**0.0**	**0.1**	**0.0**
14	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	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
15	0.4	0.2	0.2	---	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	**0.1**	**0.4**	**0.0**
16	0.0	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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
17	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
18	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	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	**0.1**	**0.1**	**0.0**
19	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	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	**0.1**	**0.4**	**0.0**
20	0.4	0.4	0.6	---	0.6	0.5	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	**0.2**	**0.6**	**0.0**
21	0.2	0.2	0.2	---	0.3	0.2	0.2	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	**0.1**	**0.3**	**0.0**
22	0.1	0.1	0.1	---	0.2	0.8	0.7	0.5	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.1	0.0	0.0	0.0	0.1	**0.2**	**0.8**	**0.0**
23	---	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	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.1**	**0.2**	**0.0**
24	---	0.5	0.4	0.5	0.8	---	---	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.2	0.8	0.1	0.1	**0.2**	**0.8**	**0.0**
25	0.1	---	0.2	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	0.3	0.3	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.0**
26	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
27	---	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**
28	---	0.1	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.3	0.1	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.2**	**0.4**	**0.0**
29	---	0.2	0.2	0.1	0.1	0.1	0.4	0.3	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	0.1	0.2	**0.1**	**0.4**	**0.0**
30	---	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
MEAN	**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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.4**	**0.5**	**0.6**	**0.5**	**0.8**	**0.8**	**0.8**	**1.1**	**0.6**	**0.3**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**	**0.3**	**0.7**	**0.4**	**0.2**	**0.8**	**0.3**	**0.4**		**1.1**	
MIN	**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**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND BENZENE = 1.1 ppb DATE OF OCCURRENCE = 6/9 AT 0800 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 6/24

MINIMUM DOWNWIND BENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/1 AT 0300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/27

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

HarmonCreek

DOWNWIND TOLUENE in ppb for APRIL, 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	0.1	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**
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	0.0	0.0	0.0	0.0	0.1	---	**0.0**	**0.1**	**0.0**
3	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	0.0	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
4	0.1	0.1	0.2	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	0.1	0.2	0.2	0.2	0.2	---	**0.1**	**0.2**	**0.0**
5	0.3	0.3	0.2	0.2	0.3	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	---	**0.2**	**0.3**	**0.1**
6	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	0.1	0.1	0.2	---	**0.1**	**0.2**	**0.0**
7	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
17	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	0.0	0.1	0.1	0.1	---	**0.1**	**0.1**	**0.0**
18	0.1	0.1	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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.1**	**0.3**	**0.0**
19	0.1	0.1	---	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**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	0.0	0.0	0.0	0.1	0.2	0.1	0.1	**0.0**	**0.2**	**0.0**
21	---	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
22	---	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.1	**0.0**	**0.3**	**0.0**
23	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.3**	**0.1**
24	---	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
25	---	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	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	**0.1**	**0.2**	**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	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**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	0.1	0.2	0.2	0.2	**0.0**	**0.2**	**0.0**
28	---	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	0.1	0.1	0.1	0.1	0.1	0.3	0.5	**0.1**	**0.5**	**0.0**
29	---	0.4	0.4	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	**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	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.3**	**0.4**	**0.4**	**0.4**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.5**		**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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 0.5 ppb DATE OF OCCURRENCE = 4/28 AT 2400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/5

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 4/3 AT 1500 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/21

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

HarmonCreek

DOWNWIND TOLUENE in ppb for MAY, 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	0.0	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**	**0.0**
2	0.2	---	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	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**	**0.3**	**0.0**
3	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	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	**0.0**	**0.1**	**0.0**
5	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	0.1	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	0.1	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	**0.0**	**0.1**	**0.0**
7	0.1	---	0.2	0.3	0.3	0.4	0.3	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	**0.1**	**0.4**	**0.0**
8	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
9	0.0	---	0.1	0.1	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.4	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.1**	**0.4**	**0.0**
10	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	0.0	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	---	0.1	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	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
13	---	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	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	0.1	0.2	**0.1**	**0.2**	**0.0**
14	---	0.3	0.2	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	**0.1**	**0.3**	**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	0.1	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
16	---	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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
17	---	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
18	---	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	0.0	0.1	0.2	0.1	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	0.0	0.0	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	0.1	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	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
21	---	0.1	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	0.0	0.0	0.1	---	---	0.1	0.1	**0.0**	**0.1**	**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	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
23	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	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
24	0.4	---	0.6	0.6	0.5	0.6	0.7	0.4	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**	**0.7**	**0.0**
25	0.1	---	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	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	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
27	0.2	---	0.3	0.2	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	0.1	**0.1**	**0.3**	**0.0**
28	0.0	---	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	**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	0.0	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**
30	0.1	---	0.0	0.1	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	0.0	0.1	0.1	0.0	0.0	**0.1**	**0.2**	**0.0**
31	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	0.0	**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**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**		
MAX	**0.4**	**0.3**	**0.6**	**0.6**	**0.5**	**0.6**	**0.7**	**0.4**	**0.2**	**0.1**	**0.2**	**0.4**	**0.1**	**0.3**	**0.4**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**		**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 = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 0.7 ppb DATE OF OCCURRENCE = 5/24 AT 0700 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 5/24

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 5/4 AT 1200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/31

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

HarmonCreek

DOWNWIND TOLUENE in ppb for JUNE, 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	0.1	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	**0.0**	**0.1**	**0.0**
2	0.2	---	---	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
4	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	0.1	0.1	**0.1**	**0.1**	**0.0**
5	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	**0.1**	**0.2**	**0.0**
6	0.1	0.1	---	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
7	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	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
8	0.1	0.1	---	0.2	0.2	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	0.4	0.5	0.3	**0.1**	**0.5**	**0.1**
9	0.4	0.3	---	0.4	0.6	1.2	1.1	1.0	0.6	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.1	0.1	**0.3**	**1.2**	**0.0**
10	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**
11	0.0	0.0	---	0.0	0.0	0.0	0.0	0.1	0.0	9.4	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	**0.4**	**9.4**	**0.0**
12	0.2	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	0.0	0.0	0.0	0.0	0.1	0.0	0.1	**0.1**	**0.2**	**0.0**
13	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	0.1	0.1	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	0.0	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**
15	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	**0.1**	**0.2**	**0.0**
16	0.1	0.1	0.1	---	0.2	0.1	0.0	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	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
17	0.2	0.1	0.2	---	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
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	0.0	0.1	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
19	0.2	0.1	0.2	---	0.2	0.2	0.2	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	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
20	0.3	0.3	0.3	---	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.2	0.3	0.3	**0.2**	**0.3**	**0.0**
21	0.4	0.4	0.4	---	0.4	0.3	0.3	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	**0.1**	**0.4**	**0.0**
22	0.2	0.2	0.2	---	0.3	0.3	0.3	0.3	0.3	0.2	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**	**0.3**	**0.0**
23	---	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	0.0	0.0	**0.0**	**0.1**	**0.0**
24	---	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	0.0	0.2	0.1	0.1	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
25	0.1	---	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
27	---	0.0	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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
28	---	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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	**0.1**	**0.2**	**0.0**
29	---	0.2	0.2	0.2	0.2	8.3	0.3	0.3	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	0.3	0.3	0.3	**0.5**	**8.3**	**0.0**
30	---	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	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**	**0.3**	**0.0**
MEAN	**0.1**	**0.1**	**---**	**---**	**0.1**	**0.5**	**0.2**	**0.2**	**0.1**	**0.4**	**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**		
MAX	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**8.3**	**1.1**	**1.0**	**0.6**	**9.4**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.2**	**0.4**	**0.5**	**0.3**		**9.4**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOLUENE = 9.4 ppb DATE OF OCCURRENCE = 6/11 AT 1000 MAXIMUM DAILY MEAN = 0.5 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 6/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/10

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

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for APRIL, 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**
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	2.1	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**2.1**	**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	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.1**	**2.2**	**0.0**
7	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	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**
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	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	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**
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.4**	**0.0**
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**	**0.1**	**0.2**	**2.2**	**0.0**	**2.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		**2.2**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 2.2 ppb DATE OF OCCURRENCE = 4/6 AT 1600 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 4/4

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0600 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/26

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

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for MAY, 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**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	0.0	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	0.2	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	0.0	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**
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**
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	0.1	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**
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**	**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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	---	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**0.0**
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**	**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	**0.1**	**0.0**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.2**	**0.2**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		**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 = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 0.2 ppb DATE OF OCCURRENCE = 5/3 AT 1500 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/24

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/4

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

HarmonCreek

DOWNWIND ETHYLBENZENE in ppb for JUNE, 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	0.1	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**
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	0.0	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	0.0	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	0.1	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**
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	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	0.1	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**
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**
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	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
29	---	0.0	0.0	0.0	0.0	2.8	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	0.1	0.1	**0.1**	**2.8**	**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**
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**	**0.0**		
MAX	**0.1**	**0.0**	**0.1**	**0.1**	**0.0**	**2.8**	**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**	**0.1**	**0.1**		**2.8**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND ETHYLBENZENE = 2.8 ppb DATE OF OCCURRENCE = 6/29 AT 0600 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/27

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

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for APRIL, 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	0.1	---	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	**0.2**	**2.2**	**0.0**
2	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	1.4	0.0	0.0	---	**0.1**	**1.4**	**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	1.0	0.0	0.0	0.0	---	**0.1**	**1.0**	**0.0**
4	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	0.0	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	0.1	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**
6	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	0.7	0.1	0.1	0.1	---	**0.1**	**0.7**	**0.0**
7	0.1	0.1	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**---**	**---**	**---**
17	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.8	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**	**0.8**	**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**
20	---	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	0.1	0.0	**0.0**	**0.1**	**0.0**
21	---	0.1	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	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
22	---	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.6**	**0.0**
23	---	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	0.0	0.0	0.1	**0.1**	**0.1**	**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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.5**	**0.0**
25	---	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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**
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	0.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	**0.1**	**0.9**	**0.0**
27	---	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
28	---	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	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	**0.0**	**0.1**	**0.0**
29	---	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	1.7	**0.1**	**1.7**	**0.0**
30	---	---	---	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**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**0.1**	**0.1**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.8**	**0.1**	**0.0**	**0.0**	**0.1**	**2.2**	**0.6**	**0.0**	**0.1**	**0.1**	**1.9**	**1.4**	**0.1**	**0.1**	**1.7**		**2.2**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 2.2 ppb DATE OF OCCURRENCE = 4/1 AT 1500 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 4/1

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 1200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/30

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

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for MAY, 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	0.0	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**
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	0.0	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	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	**0.0**	**0.2**	**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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	**0.0**	**0.3**	**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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**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	0.1	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**
7	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	0.0	**0.0**	**0.1**	**0.0**
8	0.3	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	**0.0**	**0.3**	**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	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.1	0.0	**0.0**	**0.4**	**0.0**
10	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	0.1	0.6	---	---	**0.0**	**0.6**	**0.0**
11	0.0	0.0	---	0.1	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	**0.1**	**0.9**	**0.0**
12	---	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	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
13	---	0.0	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	0.1	**0.0**	**0.1**	**0.0**
14	---	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.2**	**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	0.1	0.1	0.1	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	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
18	---	0.0	0.0	0.0	0.0	0.0	0.1	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	**0.0**	**0.1**	**0.0**
19	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	1.1	0.4	0.3	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.1	**0.2**	**1.1**	**0.0**
20	---	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.6**	**0.0**
21	---	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**
22	0.0	---	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	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**
23	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	0.1	0.1	0.1	0.1	**0.1**	**0.1**	**0.0**
24	0.2	---	0.7	0.6	0.4	0.3	0.3	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	0.1	0.1	0.1	**0.1**	**0.7**	**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	0.1	0.1	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
26	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	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
27	0.1	---	0.1	0.1	0.1	0.1	0.2	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**	**0.2**	**0.0**
28	0.0	---	0.0	0.1	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	0.0	0.0	0.0	0.1	0.1	**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	0.0	---	0.0	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**
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	---	---	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**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**	**0.1**	**0.0**	**0.0**	**0.1**	**0.0**		
MAX	**0.3**	**0.2**	**0.7**	**0.6**	**0.4**	**0.3**	**0.3**	**0.2**	**0.1**	**0.9**	**0.1**	**0.6**	**0.1**	**1.1**	**0.4**	**0.3**	**0.2**	**0.5**	**0.4**	**0.1**	**0.8**	**0.6**	**0.2**	**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 = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 1.1 ppb DATE OF OCCURRENCE = 5/19 AT 1400 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 5/19

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 5/2 AT 1000 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/31

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

HarmonCreek

DOWNWIND TOTAL XYLENES in ppb for JUNE, 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	0.1	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
2	0.1	---	---	0.1	0.1	0.2	0.3	0.1	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	**0.1**	**0.4**	**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	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
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	0.0	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**
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	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
6	0.1	0.1	---	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	---	0.1	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	0.1	**0.0**	**0.1**	**0.0**
8	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.2	**0.1**	**0.3**	**0.0**
9	0.2	0.2	---	0.3	0.4	0.9	0.8	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.1	**0.2**	**0.9**	**0.0**
10	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	0.0	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	0.1	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
12	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	0.0	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	0.1	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	0.0	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	0.1	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	0.1	0.1	**0.0**	**0.1**	**0.0**
16	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	0.2	0.0	0.0	0.0	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	0.1	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**	**0.2**	**0.0**
18	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	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
19	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	0.1	**0.1**	**0.1**	**0.0**
20	0.1	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	0.0	0.1	0.2	0.2	0.2	**0.1**	**0.2**	**0.0**
21	0.2	0.2	0.2	---	0.2	0.2	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	0.1	0.1	0.1	0.1	0.0	**0.1**	**0.2**	**0.0**
22	0.0	0.1	0.1	---	0.2	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	**0.0**	**0.2**	**0.0**
23	---	0.0	0.4	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**	**0.4**	**0.0**
24	---	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	0.1	0.0	0.0	**0.0**	**0.1**	**0.0**
25	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
26	---	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	0.1	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	0.0	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**
28	---	0.0	0.1	0.0	0.1	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	0.1	0.1	0.1	**0.0**	**0.1**	**0.0**
29	---	0.1	0.1	0.1	0.1	5.7	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	0.2	0.2	0.2	**0.3**	**5.7**	**0.0**
30	---	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	**0.1**	**0.2**	**0.0**
MEAN	**0.1**	**0.1**	**---**	**---**	**0.1**	**0.3**	**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**	**0.1**	**0.1**	**0.1**		
MAX	**0.2**	**0.2**	**0.4**	**0.3**	**0.4**	**5.7**	**0.8**	**0.6**	**0.3**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.4**	**0.0**	**0.2**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.2**		**5.7**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND TOTAL XYLENES = 5.7 ppb DATE OF OCCURRENCE = 6/29 AT 0600 MAXIMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 6/1 AT 0100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/11

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

HarmonCreek

DOWNWIND THC PAMS in ppb for APRIL, 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	13.3	15.1	16.5	---	---	16.3	15.6	15.1	13.7	13.1	10.7	9.7	8.7	8.8	11.5	6.9	6.4	6.2	6.4	7.9	9.4	10.1	7.5	10.0	**10.9**	**16.5**	**6.2**
2	12.4	9.9	12.9	---	---	11.5	11.1	12.0	9.0	8.8	6.8	6.8	6.7	6.2	6.2	6.2	6.2	5.2	7.4	9.0	8.8	6.9	9.5	---	**8.5**	**12.9**	**5.2**
3	10.1	11.7	8.1	10.6	10.6	15.3	57.1	23.3	9.0	8.3	6.1	6.2	6.3	5.7	6.4	5.7	6.1	5.8	5.9	6.6	6.1	9.4	20.1	---	**11.3**	**57.1**	**5.7**
4	12.7	15.9	18.0	22.9	42.3	36.7	28.7	25.5	23.3	10.8	9.2	8.9	23.3	9.5	5.6	6.0	7.8	10.0	8.7	18.8	15.4	12.6	12.9	---	**16.8**	**42.3**	**5.6**
5	33.9	58.4	30.8	49.0	41.6	35.2	32.9	41.4	30.3	22.9	17.1	17.1	33.1	9.3	10.0	9.6	10.3	9.6	9.0	8.1	8.5	8.7	9.9	---	**23.3**	**58.4**	**8.1**
6	9.8	14.1	9.1	14.7	11.4	18.3	19.0	13.9	11.7	10.4	10.0	9.0	7.7	7.3	13.1	13.3	14.8	41.9	48.3	12.4	16.7	37.6	32.0	---	**17.2**	**48.3**	**7.3**
7	41.7	33.6	35.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**---**	**---**	**---**
16	---	---	---	---	---	---	---	---	---	---	---	---	---	1.6	1.5	1.5	1.4	1.4	1.4	6.9	10.8	9.4	9.5	---	**---**	**---**	**---**
17	16.1	17.6	20.7	36.7	32.0	29.9	29.0	22.5	13.9	9.5	13.2	9.0	8.6	10.0	25.6	29.7	28.5	40.5	24.1	12.8	11.2	10.5	10.6	---	**20.1**	**40.5**	**8.6**
18	13.4	12.5	13.3	13.7	10.2	7.9	8.2	6.4	6.5	6.3	7.1	6.3	6.1	6.6	6.6	6.8	6.6	7.8	7.3	8.1	8.2	9.3	15.8	---	**8.7**	**15.8**	**6.1**
19	32.2	28.2	---	---	38.8	42.7	40.4	34.6	22.9	20.9	16.7	27.7	37.2	60.7	25.4	18.5	18.0	14.4	10.3	13.8	12.3	14.8	16.2	17.9	**25.6**	**60.7**	**10.3**
20	---	16.3	8.2	8.4	7.6	14.3	15.2	9.5	9.1	9.0	7.8	5.4	5.6	5.6	5.0	5.3	7.5	6.1	7.0	6.6	11.8	17.4	16.5	26.6	**10.1**	**26.6**	**5.0**
21	---	24.9	21.0	16.1	11.5	7.4	8.4	5.8	5.4	5.8	5.8	5.2	5.1	5.3	5.0	5.6	5.1	5.1	5.7	3.9	5.8	6.0	5.5	6.2	**7.9**	**24.9**	**3.9**
22	---	5.0	7.0	7.7	10.9	9.6	10.3	7.1	4.3	4.6	4.0	4.2	4.2	4.4	4.5	4.6	4.5	5.1	4.9	5.0	5.0	6.9	9.3	15.1	**6.4**	**15.1**	**4.0**
23	---	17.2	16.1	15.4	16.4	18.5	23.4	23.4	26.6	75.2	135.1	29.7	18.7	17.5	15.7	14.4	15.0	14.4	13.8	9.5	7.9	8.8	8.5	8.6	**23.9**	**135.1**	**7.9**
24	---	12.8	13.8	15.6	11.9	15.6	16.7	20.4	21.0	14.7	17.5	13.1	13.0	10.1	10.9	9.8	8.6	6.7	7.2	10.7	10.1	9.0	8.3	10.6	**12.5**	**21.0**	**6.7**
25	---	8.7	20.6	17.4	21.4	17.0	27.3	14.0	12.1	11.0	11.5	9.1	8.9	9.7	7.6	7.5	7.2	7.0	8.5	43.0	11.0	9.1	10.2	9.1	**13.4**	**43.0**	**7.0**
26	---	8.5	8.7	8.8	9.3	10.0	8.6	8.2	8.0	7.9	7.6	7.3	8.8	8.2	7.4	19.1	16.6	15.7	18.2	18.0	8.5	15.6	6.3	5.9	**10.5**	**19.1**	**5.9**
27	---	6.1	5.5	5.3	6.9	7.7	7.0	6.1	8.0	16.6	7.2	6.2	5.0	4.8	5.3	5.1	6.3	5.6	8.4	12.8	8.8	17.1	10.9	19.5	**8.3**	**19.5**	**4.8**
28	---	16.4	19.3	9.8	18.1	21.6	26.1	24.6	17.9	17.7	36.9	34.5	30.0	34.5	32.3	34.5	27.9	22.1	19.4	23.0	21.9	20.9	18.3	31.3	**24.3**	**36.9**	**9.8**
29	---	23.8	25.1	24.5	25.5	23.3	24.0	24.7	24.4	21.8	15.2	15.7	8.5	7.3	7.2	7.0	7.2	11.8	8.0	7.3	11.2	19.2	8.1	8.0	**15.6**	**25.5**	**7.0**
30	---	---	---	11.4	14.4	17.2	16.8	12.5	18.0	54.8	41.6	40.7	47.3	14.2	7.6	8.4	7.1	6.6	7.8	7.4	6.5	7.7	7.9	9.8	**17.4**	**54.8**	**6.5**
MEAN	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**		
MAX	**41.7**	**58.4**	**35.8**	**49.0**	**42.3**	**42.7**	**57.1**	**41.4**	**30.3**	**75.2**	**135.1**	**40.7**	**47.3**	**60.7**	**32.3**	**34.5**	**28.5**	**41.9**	**48.3**	**43.0**	**21.9**	**37.6**	**32.0**	**31.3**		**135.1**	
MIN	**9.8**	**5.0**	**5.5**	**5.3**	**6.9**	**7.4**	**7.0**	**5.8**	**4.3**	**4.6**	**4.0**	**4.2**	**4.2**	**1.6**	**1.5**	**1.5**	**1.4**	**1.4**	**1.4**	**3.9**	**5.0**	**6.0**	**5.5**	**5.9**			**1.4**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 467 DATA RECOVERY RATE = 64.9%

MONTHLY MEAN = 14.6 ppb

MAXIMUM DOWNWIND THC PAMS = 135.1 ppb DATE OF OCCURRENCE = 4/23 AT 1100 MAXIMUM DAILY MEAN = 25.6 ppb DATE OF OCCURRENCE = 4/19

MINIMUM DOWNWIND THC PAMS = 1.4 ppb DATE OF OCCURRENCE = 4/16 AT 1700 MINUMUM DAILY MEAN = 6.4 ppb DATE OF OCCURRENCE = 4/22

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

HarmonCreek

DOWNWIND THC PAMS in ppb for MAY, 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	8.6	---	8.7	8.9	9.0	8.6	9.1	10.2	8.7	7.3	9.2	6.8	6.0	7.0	6.9	7.0	6.5	7.0	4.7	6.3	7.5	16.8	25.0	20.3	**9.4**	**25.0**	**4.7**
2	16.6	---	31.9	36.2	53.9	41.9	47.7	45.1	32.4	34.4	36.1	31.2	46.0	30.3	49.4	61.5	32.8	26.2	29.4	46.6	35.9	29.9	18.0	9.9	**35.8**	**61.5**	**9.9**
3	8.5	---	11.5	10.2	12.7	23.5	32.0	22.6	19.4	13.1	13.6	8.6	7.8	9.5	9.2	11.3	8.2	6.8	7.6	9.2	12.4	10.5	9.1	7.8	**12.4**	**32.0**	**6.8**
4	6.6	---	6.0	7.0	6.5	10.1	6.6	5.2	5.7	5.0	4.6	4.5	4.6	5.2	6.1	4.6	4.7	5.3	6.8	5.9	14.7	18.3	12.4	5.3	**7.0**	**18.3**	**4.5**
5	7.8	---	7.2	5.4	9.4	16.3	7.4	7.3	7.6	6.9	5.5	8.5	8.8	8.1	11.1	8.2	9.7	10.2	11.2	12.5	13.6	13.6	12.2	9.4	**9.5**	**16.3**	**5.4**
6	12.8	---	5.5	7.5	6.8	7.6	6.2	6.2	6.7	6.2	5.9	5.5	5.2	14.7	4.8	6.0	3.9	4.0	4.0	4.3	5.7	8.2	9.7	11.8	**6.9**	**14.7**	**3.9**
7	16.7	---	16.3	21.1	20.7	20.7	21.9	19.0	11.4	9.3	8.1	7.1	5.8	6.5	4.9	6.0	5.4	2.9	5.2	4.7	4.5	6.1	6.7	7.9	**10.4**	**21.9**	**2.9**
8	19.4	---	12.8	24.0	17.0	14.5	10.5	10.9	13.2	11.2	14.3	13.0	9.2	5.8	5.1	5.2	2.5	4.1	4.5	4.1	5.1	4.3	4.7	5.7	**9.6**	**24.0**	**2.5**
9	5.3	---	8.8	8.8	6.6	6.6	14.6	11.5	6.8	3.7	2.5	2.8	2.1	2.5	2.7	3.1	2.4	2.9	3.7	5.3	11.7	13.4	19.8	20.8	**7.3**	**20.8**	**2.1**
10	18.3	---	23.4	29.2	18.3	20.9	26.0	21.1	14.9	15.5	14.8	15.8	17.0	15.6	22.3	6.7	8.7	26.2	16.2	3.2	10.1	6.7	---	---	**16.7**	**29.2**	**3.2**
11	15.6	10.5	---	6.8	5.5	6.1	6.0	4.9	4.2	5.4	4.9	4.6	4.6	5.2	6.1	3.7	4.8	5.1	5.1	5.5	5.3	5.6	5.9	6.2	**6.0**	**15.6**	**3.7**
12	---	9.6	10.6	10.0	8.0	8.6	8.6	5.7	4.9	5.2	5.7	5.3	4.8	4.3	4.6	5.3	4.5	4.4	4.5	5.2	9.7	9.3	7.9	9.1	**6.8**	**10.6**	**4.3**
13	---	14.6	17.2	17.6	18.7	22.8	18.9	16.3	12.1	8.8	6.3	5.9	5.0	6.1	5.5	5.7	6.3	7.0	6.4	7.1	9.4	10.3	29.4	29.4	**12.5**	**29.4**	**5.0**
14	---	34.9	31.4	38.4	31.0	23.9	27.1	50.1	32.0	45.7	49.3	33.7	46.7	48.9	42.7	33.4	18.0	23.0	40.3	35.8	20.6	13.3	10.6	22.6	**32.8**	**50.1**	**10.6**
15	---	23.1	25.6	22.7	26.3	54.8	49.7	29.3	17.4	18.4	9.8	7.9	8.8	9.8	11.0	6.3	21.9	8.6	7.4	6.7	9.0	7.0	6.3	6.4	**17.1**	**54.8**	**6.3**
16	---	7.1	8.2	6.9	15.4	15.1	12.2	9.9	6.7	6.8	6.5	7.3	7.2	6.3	7.0	6.7	6.9	7.2	10.2	11.9	14.7	16.3	16.8	15.8	**10.0**	**16.8**	**6.3**
17	---	11.9	11.1	10.6	10.8	11.7	11.8	14.5	12.2	9.3	11.6	14.2	14.4	13.5	8.5	7.0	6.4	7.6	6.9	9.3	8.1	8.3	8.3	7.6	**10.2**	**14.5**	**6.4**
18	---	9.3	8.5	8.6	14.6	14.4	14.1	8.3	8.7	7.3	6.9	5.5	5.0	4.8	4.7	4.8	4.8	5.3	4.8	4.5	5.7	5.3	5.8	7.3	**7.3**	**14.6**	**4.5**
19	---	6.3	6.9	5.8	6.6	5.7	5.5	5.7	6.7	5.2	5.4	4.8	4.7	6.3	4.7	5.4	5.0	5.3	4.7	4.6	5.9	4.8	4.8	4.0	**5.4**	**6.9**	**4.0**
20	---	4.2	4.0	3.3	4.2	5.0	11.6	4.8	4.9	4.3	4.5	4.8	4.5	4.2	4.5	4.0	4.5	4.0	5.2	4.8	6.9	5.7	5.7	5.4	**5.0**	**11.6**	**3.3**
21	---	5.6	5.7	5.9	6.2	6.4	6.0	5.1	4.8	3.7	4.4	3.9	4.2	3.7	3.8	4.0	4.0	5.6	3.7	4.5	---	---	8.5	18.4	**5.6**	**18.4**	**3.7**
22	9.6	---	10.7	8.3	8.2	13.3	15.6	10.8	9.1	9.1	7.7	7.7	12.4	10.8	11.4	10.5	9.2	8.8	10.3	14.9	30.0	24.3	18.3	22.5	**12.7**	**30.0**	**7.7**
23	35.3	---	26.5	46.7	40.7	52.5	49.3	28.4	23.8	18.7	15.0	7.9	7.1	7.4	7.4	7.6	8.4	7.3	7.5	8.6	13.1	22.8	17.8	21.9	**20.9**	**52.5**	**7.1**
24	30.0	---	53.4	52.8	35.2	37.3	39.7	32.2	19.5	17.8	24.2	19.3	20.5	15.7	27.1	14.5	15.1	11.8	10.4	9.5	11.6	12.6	12.8	12.5	**23.3**	**53.4**	**9.5**
25	13.5	---	18.5	22.8	18.7	19.3	16.3	30.7	45.6	41.1	24.5	18.8	10.5	10.0	9.1	14.4	9.6	8.0	9.0	10.4	12.7	12.9	13.8	14.9	**17.6**	**45.6**	**8.0**
26	17.2	---	19.0	20.8	25.1	26.8	26.1	16.2	29.3	14.4	9.6	9.9	7.2	6.3	5.0	5.4	4.5	4.9	5.4	6.6	12.3	18.6	15.1	15.2	**13.9**	**29.3**	**4.5**
27	18.9	---	18.0	18.5	15.4	21.9	24.8	16.7	11.8	12.1	8.6	6.8	4.8	5.4	5.4	5.0	5.1	4.6	5.7	8.4	7.6	8.0	7.2	7.8	**10.8**	**24.8**	**4.6**
28	8.3	---	11.6	12.2	11.0	11.8	8.5	6.9	8.5	77.3	92.5	61.1	60.5	101.7	92.8	86.8	34.4	136.2	50.5	116.2	14.1	24.8	22.6	31.1	**47.0**	**136.2**	**6.9**
29	77.7	---	38.4	60.5	91.7	224.5	110.0	185.2	118.8	144.2	111.6	76.7	129.5	108.5	89.6	6.6	6.0	6.2	121.8	9.5	9.5	8.0	8.1	6.3	**76.0**	**224.5**	**6.0**
30	10.1	---	38.3	16.3	17.9	33.9	21.3	16.1	14.2	9.9	15.8	9.1	7.3	4.9	5.2	4.6	4.7	5.9	4.8	4.6	4.7	10.4	18.8	13.0	**12.7**	**38.3**	**4.6**
31	19.4	---	19.4	17.9	15.3	15.6	7.7	10.3	6.2	4.1	4.8	4.2	3.7	3.8	4.4	3.8	4.1	4.4	3.7	3.9	3.6	8.3	7.6	12.7	**8.2**	**19.4**	**3.6**
MEAN	**---**	**---**	**17.2**	**18.4**	**18.9**	**25.9**	**21.7**	**21.5**	**17.0**	**18.8**	**17.6**	**13.6**	**15.7**	**15.9**	**15.6**	**11.8**	**8.8**	**12.1**	**13.6**	**12.7**	**11.2**	**12.1**	**12.3**	**13.0**	**15.7**		
MAX	**77.7**	**34.9**	**53.4**	**60.5**	**91.7**	**224.5**	**110.0**	**185.2**	**118.8**	**144.2**	**111.6**	**76.7**	**129.5**	**108.5**	**92.8**	**86.8**	**34.4**	**136.2**	**121.8**	**116.2**	**35.9**	**29.9**	**29.4**	**31.1**		**224.5**	
MIN	**5.3**	**4.2**	**4.0**	**3.3**	**4.2**	**5.0**	**5.5**	**4.8**	**4.2**	**3.7**	**2.5**	**2.8**	**2.1**	**2.5**	**2.7**	**3.1**	**2.4**	**2.9**	**3.7**	**3.2**	**3.6**	**4.3**	**4.7**	**4.0**			**2.1**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 709 DATA RECOVERY RATE = 95.3%

MONTHLY MEAN = 15.7 ppb

MAXIMUM DOWNWIND THC PAMS = 224.5 ppb DATE OF OCCURRENCE = 5/29 AT 0600 MAXIMUM DAILY MEAN = 76.0 ppb DATE OF OCCURRENCE = 5/29

MINIMUM DOWNWIND THC PAMS = 2.1 ppb DATE OF OCCURRENCE = 5/9 AT 1300 MINUMUM DAILY MEAN = 5.0 ppb DATE OF OCCURRENCE = 5/20

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

HarmonCreek

DOWNWIND THC PAMS in ppb for JUNE, 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	19.8	---	20.9	22.7	23.9	29.9	40.4	25.4	48.4	37.0	22.7	24.9	7.2	5.0	20.0	5.9	5.4	5.5	5.9	5.5	8.9	12.6	18.3	20.5	**19.0**	**48.4**	**5.0**
2	26.4	---	---	28.4	29.6	35.8	42.7	54.2	58.4	76.9	64.8	33.0	33.8	17.3	8.6	8.3	16.3	6.9	6.5	5.3	23.3	19.5	13.2	13.6	**28.3**	**76.9**	**5.3**
3	11.0	10.6	---	11.3	13.7	15.3	21.4	13.0	11.5	17.4	9.2	14.0	8.0	8.1	7.2	6.2	5.6	5.0	6.1	7.4	8.1	47.6	61.4	16.3	**14.6**	**61.4**	**5.0**
4	17.0	16.5	---	58.6	18.0	25.5	25.1	47.8	37.5	34.6	41.5	33.4	32.3	37.3	25.6	6.8	7.1	9.1	22.6	15.4	12.9	14.2	17.0	24.8	**25.2**	**58.6**	**6.8**
5	21.0	42.8	---	45.4	43.6	30.5	36.8	25.5	39.3	28.1	26.0	21.8	21.2	21.1	18.4	14.6	12.8	11.7	14.1	17.4	19.3	23.4	30.8	40.8	**26.4**	**45.4**	**11.7**
6	30.9	27.6	---	20.7	15.8	16.7	17.2	14.5	9.5	8.9	6.2	5.5	5.6	4.8	5.2	5.9	5.2	5.6	4.5	4.6	6.7	5.6	25.2	19.7	**11.8**	**30.9**	**4.5**
7	6.3	10.7	---	11.1	10.0	20.7	16.8	6.7	6.0	7.5	6.0	6.0	4.0	5.7	2.8	5.0	4.2	4.5	2.5	4.2	3.0	12.0	20.3	13.2	**8.2**	**20.7**	**2.5**
8	19.7	18.2	---	19.3	16.6	31.6	18.9	14.4	11.4	10.2	4.6	4.6	4.1	3.8	7.1	6.2	4.0	4.8	6.0	11.1	9.9	19.2	23.2	19.3	**12.5**	**31.6**	**3.8**
9	27.3	29.7	---	32.1	32.4	57.6	53.4	37.9	33.7	26.9	21.3	25.9	21.9	24.7	18.6	23.5	28.5	21.1	18.3	19.4	23.3	29.9	15.5	20.6	**28.0**	**57.6**	**15.5**
10	49.4	69.9	---	44.1	44.8	50.7	47.3	42.6	42.8	32.1	35.9	37.8	32.6	33.5	41.9	33.2	42.4	19.8	11.4	12.6	10.9	17.8	20.1	14.7	**34.3**	**69.9**	**10.9**
11	14.3	12.0	---	14.7	12.1	11.5	10.6	8.6	7.1	20.4	4.6	6.2	5.2	5.1	5.2	5.3	4.8	5.6	5.1	4.7	14.2	46.1	37.9	39.9	**13.1**	**46.1**	**4.6**
12	22.3	21.5	---	48.8	37.9	34.3	30.8	18.6	10.9	8.5	6.2	5.5	5.3	5.3	4.3	4.0	4.1	4.1	4.3	5.6	8.7	9.9	11.8	17.7	**14.4**	**48.8**	**4.0**
13	17.3	8.8	---	10.2	---	---	10.4	7.4	9.5	7.9	4.6	6.8	6.5	6.4	5.5	5.4	5.2	6.4	4.9	9.8	8.7	11.6	13.3	8.9	**8.4**	**17.3**	**4.6**
14	16.9	12.4	13.1	---	7.5	5.8	4.4	4.1	4.2	3.5	3.2	3.0	4.8	4.8	4.8	4.5	5.4	5.8	5.3	6.9	6.3	4.0	6.4	6.6	**6.2**	**16.9**	**3.0**
15	7.1	7.0	5.6	---	6.6	6.3	7.1	9.2	9.2	7.8	6.7	5.5	4.5	4.6	5.1	4.8	5.0	5.1	5.0	6.3	6.6	7.2	9.8	13.1	**6.7**	**13.1**	**4.5**
16	11.2	11.8	20.0	---	21.1	20.9	22.1	19.5	10.5	6.8	5.8	4.6	6.1	3.3	5.5	4.8	7.5	3.4	5.7	5.9	8.6	7.9	13.0	14.5	**10.5**	**22.1**	**3.3**
17	17.6	17.2	19.4	---	13.9	16.8	17.1	18.1	6.9	7.7	8.1	6.2	6.2	5.6	5.6	5.7	5.7	4.9	3.1	4.0	2.6	4.2	5.7	7.0	**9.1**	**19.4**	**2.6**
18	12.2	10.0	9.5	---	8.4	7.1	7.3	7.3	7.6	4.9	4.6	4.4	4.8	4.1	4.2	3.7	4.7	4.0	4.6	5.4	11.4	11.2	7.2	16.7	**7.2**	**16.7**	**3.7**
19	19.4	24.5	18.6	---	25.8	30.0	35.0	39.1	42.8	25.9	19.1	17.5	24.6	16.5	11.9	9.7	10.5	17.0	12.5	11.6	10.6	15.3	17.1	21.7	**20.7**	**42.8**	**9.7**
20	22.3	25.0	24.3	---	31.1	41.8	30.7	30.3	22.1	18.6	14.5	19.9	9.7	8.5	7.3	7.2	7.7	7.6	8.7	7.2	12.7	14.6	19.8	19.2	**17.9**	**41.8**	**7.2**
21	29.0	26.6	26.1	---	33.3	42.0	41.5	55.2	39.7	26.8	20.7	19.9	19.3	9.5	20.0	19.5	11.7	13.2	15.5	11.1	13.8	23.3	15.0	11.5	**23.7**	**55.2**	**9.5**
22	15.0	15.2	15.1	---	21.7	17.7	17.5	17.1	21.9	46.9	43.9	48.4	38.4	32.9	11.6	5.9	8.3	7.8	8.3	15.8	22.5	14.6	17.2	21.2	**21.1**	**48.4**	**5.9**
23	---	37.8	52.1	48.6	44.0	46.3	41.1	48.8	54.8	56.1	49.7	48.9	45.6	44.6	45.5	30.3	25.2	14.6	17.3	16.3	5.9	5.4	5.1	4.5	**34.3**	**56.1**	**4.5**
24	---	9.2	9.9	10.9	10.2	---	---	11.3	7.6	8.1	6.7	5.8	5.8	5.7	4.9	4.7	5.2	10.1	8.2	6.7	9.1	27.1	28.8	16.6	**10.1**	**28.8**	**4.7**
25	28.8	---	26.6	24.8	28.0	30.6	36.1	34.2	15.5	14.7	12.7	6.5	7.3	9.9	6.1	5.6	4.5	8.3	19.9	8.8	30.3	20.7	30.5	33.6	**19.3**	**36.1**	**4.5**
26	---	38.2	38.2	34.2	31.5	33.0	31.5	32.4	16.7	12.2	11.1	9.1	6.8	5.5	5.5	5.4	5.5	6.0	8.3	22.6	8.6	7.9	13.8	15.1	**17.3**	**38.2**	**5.4**
27	---	21.4	13.7	14.6	16.8	14.8	12.8	12.1	10.8	11.4	8.0	10.3	11.8	9.0	11.7	17.6	9.1	16.2	11.4	22.5	25.7	39.2	23.1	38.2	**16.6**	**39.2**	**8.0**
28	---	46.7	26.5	18.1	15.8	13.6	11.6	12.4	12.0	9.9	9.9	9.7	8.2	8.6	6.7	6.9	7.9	7.1	7.5	6.9	14.6	10.9	13.8	19.0	**13.2**	**46.7**	**6.7**
29	---	16.3	18.5	20.4	19.2	126.8	26.8	157.0	29.5	13.3	6.7	9.4	3.3	3.8	4.3	5.5	6.1	7.6	12.7	9.8	9.7	17.7	14.5	35.1	**24.9**	**157.0**	**3.3**
30	---	20.4	40.2	24.2	27.5	32.1	34.4	17.0	12.2	18.8	5.9	4.3	5.2	5.0	5.1	5.8	5.0	6.4	6.1	9.4	10.4	23.1	17.0	12.6	**15.1**	**40.2**	**4.3**
MEAN	**20.1**	**22.5**	**---**	**---**	**22.8**	**30.2**	**25.8**	**28.1**	**21.7**	**20.3**	**16.4**	**15.3**	**13.3**	**12.0**	**11.2**	**9.3**	**9.3**	**8.5**	**9.1**	**10.0**	**12.2**	**17.4**	**18.9**	**19.2**	**17.3**		
MAX	**49.4**	**69.9**	**52.1**	**58.6**	**44.8**	**126.8**	**53.4**	**157.0**	**58.4**	**76.9**	**64.8**	**48.9**	**45.6**	**44.6**	**45.5**	**33.2**	**42.4**	**21.1**	**22.6**	**22.6**	**30.3**	**47.6**	**61.4**	**40.8**		**157.0**	
MIN	**6.3**	**7.0**	**5.6**	**10.2**	**6.6**	**5.8**	**4.4**	**4.1**	**4.2**	**3.5**	**3.2**	**3.0**	**3.3**	**3.3**	**2.8**	**3.7**	**4.0**	**3.4**	**2.5**	**4.0**	**2.6**	**4.0**	**5.1**	**4.5**			**2.5**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 17.3 ppb

MAXIMUM DOWNWIND THC PAMS = 157.0 ppb DATE OF OCCURRENCE = 6/29 AT 0800 MAXIMUM DAILY MEAN = 34.3 ppb DATE OF OCCURRENCE = 6/23

MINIMUM DOWNWIND THC PAMS = 2.5 ppb DATE OF OCCURRENCE = 6/7 AT 1900 MINUMUM DAILY MEAN = 6.2 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND2 PROPANE in ppb for APRIL, 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	---	15.4	25.1	2.6	2.5	3.4	6.5	5.2	3.9	4.8	2.4	4.4	1.8	1.7	2.8	2.5	2.5	1.8	1.0	2.7	0.9	2.1	3.5	3.7	**4.5**	**25.1**	**0.9**
2	---	---	2.1	2.3	2.2	2.1	2.4	2.4	1.9	2.1	1.3	1.3	1.4	1.0	1.2	0.8	0.8	0.7	0.7	1.1	1.6	1.1	1.2	---	**1.5**	**2.4**	**0.7**
3	1.6	1.1	1.4	2.2	2.1	2.0	2.6	2.3	1.5	2.0	1.4	1.2	1.6	1.7	0.8	0.6	2.5	1.7	0.6	15.1	9.9	1.4	1.3	---	**2.5**	**15.1**	**0.6**
4	2.9	3.4	3.2	5.9	6.5	6.5	5.5	9.1	5.4	1.3	1.4	1.2	1.2	1.0	1.0	1.1	1.2	1.7	1.2	1.5	2.9	2.4	2.3	---	**3.0**	**9.1**	**1.0**
5	2.7	3.2	3.2	4.2	5.0	9.1	6.6	9.7	6.4	4.2	3.8	2.9	2.3	1.4	1.6	3.2	1.4	2.9	5.6	4.9	1.3	3.7	7.1	---	**4.2**	**9.7**	**1.3**
6	2.2	1.9	4.6	14.7	14.0	3.9	6.1	3.7	1.7	1.3	1.1	0.8	0.8	0.7	0.7	0.7	0.7	1.1	1.6	3.9	3.9	7.8	3.2	---	**3.5**	**14.7**	**0.7**
7	7.0	10.7	15.6	7.7	8.0	20.1	12.5	10.3	10.5	9.1	8.4	11.9	5.6	3.4	3.5	3.0	2.6	3.7	4.1	5.6	7.8	9.6	7.1	---	**8.2**	**20.1**	**2.6**
8	3.2	2.5	1.4	1.6	1.9	6.2	2.8	5.4	3.8	2.1	1.6	1.7	1.5	1.3	1.2	1.4	0.7	4.0	8.1	1.4	1.7	1.9	2.2	---	**2.6**	**8.1**	**0.7**
9	3.2	1.3	1.4	1.9	2.0	1.4	1.9	1.1	1.0	1.3	0.8	0.9	0.7	1.0	0.9	0.9	1.2	0.9	1.2	1.5	0.9	0.8	0.9	---	**1.3**	**3.2**	**0.7**
10	1.9	1.0	1.1	1.1	2.0	1.2	1.1	0.8	0.8	1.6	0.6	0.6	0.7	0.5	0.5	0.5	0.6	0.7	0.5	1.6	0.8	1.6	0.9	---	**1.0**	**2.0**	**0.5**
11	2.5	2.3	2.0	1.9	2.8	1.8	2.1	1.8	1.2	1.0	0.9	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.3	1.9	3.4	3.1	3.4	---	**1.7**	**3.4**	**0.8**
12	5.0	5.2	4.6	4.6	4.6	6.5	5.9	5.2	5.3	3.8	4.3	3.3	3.6	1.9	1.4	1.3	1.8	1.9	1.8	1.3	0.8	0.8	1.0	---	**3.3**	**6.5**	**0.8**
13	1.0	1.2	1.1	1.2	15.1	3.5	1.8	1.7	2.3	2.4	1.4	1.5	1.9	1.5	1.3	1.3	1.0	1.1	1.8	0.9	0.9	1.0	0.9	---	**2.1**	**15.1**	**0.9**
14	1.0	1.2	1.3	1.4	1.7	1.9	2.1	0.9	1.6	1.3	0.9	0.9	0.8	1.0	1.2	0.9	0.9	0.9	---	---	1.3	1.4	2.0	1.6	**1.3**	**2.1**	**0.8**
15	---	3.5	3.5	4.0	4.4	5.0	5.5	4.3	1.4	1.0	0.9	1.0	0.9	1.2	1.3	1.1	1.0	1.0	1.0	2.1	1.6	1.2	1.4	---	**2.2**	**5.5**	**0.9**
16	1.4	2.4	2.0	3.5	2.9	2.9	1.3	1.3	1.0	0.8	0.7	0.9	0.8	0.9	0.8	1.0	0.9	0.9	0.7	0.8	1.9	2.1	5.3	---	**1.6**	**5.3**	**0.7**
17	2.6	3.2	3.0	2.7	3.5	3.6	3.4	5.1	2.2	1.1	1.6	1.2	1.2	1.4	1.8	3.2	4.2	5.5	4.0	2.2	2.1	3.2	1.8	---	**2.8**	**5.5**	**1.1**
18	1.8	2.0	2.3	2.2	4.9	3.1	1.0	0.8	1.6	0.8	0.7	1.2	0.6	0.7	0.8	0.7	0.8	0.9	1.6	1.0	1.2	1.6	2.0	---	**1.5**	**4.9**	**0.6**
19	4.4	4.6	4.6	5.2	6.0	6.6	6.4	5.5	5.2	2.8	2.5	2.5	2.7	3.2	2.8	2.5	2.5	2.5	1.4	1.8	2.4	2.8	3.3	---	**3.7**	**6.6**	**1.4**
20	10.2	1.7	0.9	0.8	0.7	3.9	2.3	1.4	3.4	1.3	1.6	1.6	0.5	0.7	0.6	0.6	0.8	1.1	1.7	1.9	1.7	2.4	2.6	---	**1.9**	**10.2**	**0.5**
21	4.3	4.8	4.0	3.1	1.7	1.1	4.8	0.7	0.4	0.8	0.6	0.4	0.4	0.4	0.4	0.6	0.4	0.6	0.5	0.5	0.8	0.9	0.5	---	**1.4**	**4.8**	**0.4**
22	0.6	0.8	3.8	3.6	1.3	1.5	1.9	1.5	1.0	0.7	0.8	0.8	0.7	0.8	0.8	1.1	1.5	1.0	2.3	1.0	0.9	1.0	1.3	---	**1.3**	**3.8**	**0.6**
23	1.5	1.9	1.8	1.8	2.2	2.2	3.1	3.6	5.4	6.3	6.4	4.4	3.1	2.9	6.6	3.0	2.8	2.3	2.2	1.2	1.0	1.2	1.0	---	**2.9**	**6.6**	**1.0**
24	1.1	1.7	1.6	1.7	1.5	1.5	1.8	2.4	2.8	3.2	3.5	2.3	1.4	1.7	1.8	2.7	3.8	1.8	0.6	0.6	5.1	6.2	2.8	---	**2.3**	**6.2**	**0.6**
25	1.4	5.7	6.3	15.7	4.5	4.4	5.4	4.7	2.2	2.6	2.0	1.3	1.1	1.0	0.8	0.9	0.7	0.8	1.0	1.2	1.6	1.8	1.5	---	**3.0**	**15.7**	**0.7**
26	1.0	1.2	1.0	1.1	1.1	1.2	1.1	1.0	1.1	0.9	0.9	0.8	1.0	0.9	1.0	1.2	1.0	0.7	0.8	0.8	0.8	1.4	2.7	---	**1.1**	**2.7**	**0.7**
27	2.2	2.0	1.5	0.8	0.4	0.6	0.4	1.0	1.1	1.2	1.1	---	---	0.5	0.8	1.3	1.4	0.4	0.6	2.8	2.0	1.9	2.5	2.4	**1.3**	**2.8**	**0.4**
28	---	3.3	3.5	3.2	2.0	3.2	5.0	4.3	2.7	2.7	4.1	4.9	5.1	5.6	5.4	5.7	5.6	5.1	4.1	5.8	5.1	3.8	3.1	3.3	**4.2**	**5.8**	**2.0**
29	---	3.1	3.7	4.0	4.9	4.0	3.8	3.5	3.6	3.6	2.2	1.4	1.7	1.1	0.9	0.9	1.0	0.9	1.4	0.8	1.2	1.3	1.3	0.6	**2.2**	**4.9**	**0.6**
30	---	1.8	1.9	1.7	1.4	1.5	2.4	2.5	2.4	2.5	2.8	3.5	3.2	1.2	1.1	0.9	0.9	1.5	1.5	1.1	2.1	1.2	0.7	1.1	**1.8**	**3.5**	**0.7**
MEAN	**2.8**	**3.2**	**3.8**	**3.6**	**3.8**	**3.9**	**3.6**	**3.4**	**2.8**	**2.3**	**2.1**	**2.1**	**1.7**	**1.4**	**1.6**	**1.5**	**1.6**	**1.7**	**1.9**	**2.4**	**2.3**	**2.4**	**2.4**	**---**	**2.5**		
MAX	**10.2**	**15.4**	**25.1**	**15.7**	**15.1**	**20.1**	**12.5**	**10.3**	**10.5**	**9.1**	**8.4**	**11.9**	**5.6**	**5.6**	**6.6**	**5.7**	**5.6**	**5.5**	**8.1**	**15.1**	**9.9**	**9.6**	**7.1**	**3.7**		**25.1**	
MIN	**0.6**	**0.8**	**0.9**	**0.8**	**0.4**	**0.6**	**0.4**	**0.7**	**0.4**	**0.7**	**0.6**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.4**	**0.5**	**0.5**	**0.8**	**0.8**	**0.5**	**0.6**			**0.4**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 2.5 ppb

MAXIMUM DOWNWIND2 PROPANE = 25.1 ppb DATE OF OCCURRENCE = 4/1 AT 0300 MAXIMUM DAILY MEAN = 8.2 ppb DATE OF OCCURRENCE = 4/7

MINIMUM DOWNWIND2 PROPANE = 0.4 ppb DATE OF OCCURRENCE = 4/21 AT 1300 MINUMUM DAILY MEAN = 1.0 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

DOWNWIND2 PROPANE in ppb for MAY, 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	1.4	1.4	1.5	1.2	1.4	1.5	1.4	1.1	1.1	1.0	0.8	0.9	1.0	1.0	1.0	0.8	0.8	0.9	2.4	4.0	2.3	5.5	**1.6**	**5.5**	**0.8**
2	---	4.2	6.6	6.6	6.8	12.4	6.7	7.3	3.9	3.2	2.7	2.5	2.9	3.5	5.4	5.2	4.2	3.6	3.1	3.1	3.8	5.5	3.5	1.5	**4.7**	**12.4**	**1.5**
3	---	1.5	3.2	2.0	5.4	4.7	3.1	4.6	3.0	2.1	1.4	1.0	1.0	1.2	1.1	1.0	0.9	1.0	1.2	2.5	2.0	1.4	1.2	1.7	**2.1**	**5.4**	**0.9**
4	---	1.4	1.0	0.7	5.1	1.3	0.8	0.9	0.7	1.2	1.0	0.9	0.7	1.0	1.1	1.0	1.0	0.9	0.5	4.0	0.6	0.9	1.6	2.6	**1.3**	**5.1**	**0.5**
5	---	1.7	2.2	3.0	3.7	3.7	2.0	1.1	---	---	---	---	1.1	1.6	1.4	1.0	1.2	1.1	1.4	3.5	2.3	1.4	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**4.2**	**6.6**	**6.6**	**6.8**	**12.4**	**6.7**	**7.3**	**3.9**	**3.2**	**2.7**	**2.5**	**2.9**	**3.5**	**5.4**	**5.2**	**4.2**	**3.6**	**3.1**	**4.0**	**3.8**	**5.5**	**3.5**	**5.5**		**12.4**	
MIN	---	**1.4**	**1.0**	**0.7**	**1.5**	**1.2**	**0.8**	**0.9**	**0.7**	**1.1**	**1.0**	**0.9**	**0.7**	**0.9**	**1.0**	**1.0**	**0.9**	**0.8**	**0.5**	**0.9**	**0.6**	**0.9**	**1.2**	**1.5**			**0.5**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 2.4 ppb

MAXIMUM DOWNWIND2 PROPANE = 12.4 ppb DATE OF OCCURRENCE = 5/2 AT 0600 MAXIMUM DAILY MEAN = 4.7 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND2 PROPANE = 0.5 ppb DATE OF OCCURRENCE = 5/4 AT 1900 MINUMUM DAILY MEAN = 1.3 ppb DATE OF OCCURRENCE = 5/4

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

HarmonCreek

DOWNWIND2 PROPANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	3.8	2.2	1.8	1.0	0.8	1.1	0.8	1.1	0.8	0.9	1.5	1.5	4.0	3.3	2.9	3.3	4.4	---	---	---
13	---	2.5	2.3	3.8	1.9	1.8	1.9	1.4	3.1	1.7	1.3	0.8	1.7	1.0	1.0	0.7	0.7	1.0	2.4	8.8	7.4	0.5	9.4	1.4	**2.5**	**9.4**	**0.5**
14	---	4.6	4.3	1.4	1.2	1.0	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.9	1.0	0.7	0.8	0.7	0.9	0.8	**1.0**	**4.6**	**0.4**
15	---	0.8	1.1	1.2	1.2	1.2	1.3	1.4	1.4	1.0	0.9	0.6	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.8	1.1	1.3	2.2	3.4	**1.1**	**3.4**	**0.5**
16	---	4.7	4.6	6.7	6.3	14.6	20.1	4.4	2.2	1.1	0.7	0.9	0.7	0.5	0.6	0.5	0.4	0.4	0.4	16.7	3.7	3.1	3.3	3.1	**4.3**	**20.1**	**0.4**
17	---	4.7	4.4	5.7	5.8	5.6	5.8	2.8	1.3	1.1	1.1	0.7	0.9	0.6	0.6	0.7	0.6	0.4	0.4	0.4	0.4	0.5	1.3	1.5	**2.1**	**5.8**	**0.4**
18	---	1.9	3.4	9.1	3.1	1.3	1.1	1.0	1.0	0.8	0.6	0.5	0.4	0.4	0.4	0.5	0.7	0.6	0.8	1.8	1.0	1.6	2.1	2.7	**1.6**	**9.1**	**0.4**
19	---	4.7	4.5	3.7	4.2	4.4	6.1	7.5	11.4	6.0	3.9	4.0	3.7	3.8	2.8	3.3	2.7	3.9	4.8	4.4	4.4	5.9	5.1	5.5	**4.8**	**11.4**	**2.7**
20	---	18.0	9.0	8.5	13.1	11.8	9.4	6.8	5.7	4.5	3.3	2.8	2.5	1.6	1.5	1.2	1.4	1.5	1.4	1.6	2.5	2.1	2.7	3.5	**5.1**	**18.0**	**1.2**
21	---	11.6	5.7	5.8	7.0	7.9	11.4	13.1	10.1	6.3	3.2	3.5	3.7	2.5	1.8	1.3	1.6	3.3	3.1	2.4	5.4	5.3	4.2	3.7	**5.4**	**13.1**	**1.3**
22	---	3.3	5.9	3.1	3.2	4.5	4.6	3.6	6.6	7.9	7.7	6.5	7.9	4.8	1.8	1.0	1.1	---	---	1.5	2.0	5.7	5.4	6.6	**4.5**	**7.9**	**1.0**
23	6.5	---	9.5	12.4	12.2	10.8	8.9	7.7	7.4	7.6	5.9	5.6	4.9	3.7	3.6	3.1	3.3	2.0	1.7	2.5	0.6	0.9	0.8	1.6	**5.4**	**12.4**	**0.6**
24	---	---	1.8	1.7	1.8	2.1	2.2	1.7	1.1	0.9	0.9	1.0	1.0	0.8	0.7	0.7	0.7	0.5	0.8	0.9	1.0	2.4	2.5	3.4	**1.4**	**3.4**	**0.5**
25	---	---	4.2	4.3	4.9	6.0	8.1	7.0	4.0	2.9	1.5	0.7	0.6	1.3	0.6	0.7	1.5	0.8	1.0	1.6	3.2	4.3	4.6	7.4	**3.2**	**8.1**	**0.6**
26	---	7.2	7.0	11.8	7.1	8.8	7.2	6.7	4.5	2.6	2.0	1.5	1.0	0.8	0.7	0.7	1.3	1.1	0.9	1.5	1.3	1.2	1.8	2.1	**3.5**	**11.8**	**0.7**
27	---	3.2	2.7	2.4	2.6	2.2	1.9	1.8	1.7	1.2	1.0	1.0	1.1	1.1	1.1	1.4	1.5	2.2	3.0	3.2	3.6	4.3	4.8	6.5	**2.4**	**6.5**	**1.0**
28	---	7.5	6.9	4.9	3.3	2.8	2.3	2.2	2.1	1.6	2.0	1.4	1.2	1.1	1.0	1.2	1.4	1.2	2.3	17.0	7.6	9.3	4.8	5.9	**3.9**	**17.0**	**1.0**
29	---	5.6	4.8	5.6	6.7	6.7	9.3	6.7	31.7	33.6	2.8	0.4	0.8	0.5	0.5	0.8	0.8	0.9	1.0	7.0	1.9	3.5	2.0	2.8	**5.9**	**33.6**	**0.4**
30	---	5.3	4.8	4.7	6.1	5.5	3.6	4.0	1.9	2.2	0.7	0.4	1.9	0.4	0.6	1.0	1.2	0.4	0.5	7.6	3.5	2.2	3.9	1.6	**2.8**	**7.6**	**0.4**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	**---**	**18.0**	**9.5**	**12.4**	**13.1**	**14.6**	**20.1**	**13.1**	**31.7**	**33.6**	**7.7**	**6.5**	**7.9**	**4.8**	**3.6**	**3.3**	**3.3**	**3.9**	**4.8**	**17.0**	**7.6**	**9.3**	**9.4**	**7.4**		**33.6**	
MIN	**---**	**0.8**	**1.1**	**1.2**	**1.2**	**1.0**	**0.7**	**0.6**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.8**	**0.8**			**0.4**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 3.3 ppb

MAXIMUM DOWNWIND2 PROPANE = 33.6 ppb DATE OF OCCURRENCE = 6/29 AT 1000 MAXIMUM DAILY MEAN = 5.9 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND2 PROPANE = 0.4 ppb DATE OF OCCURRENCE = 6/14 AT 1300 MINUMUM DAILY MEAN = 1.0 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND2 BUTANE in ppb for APRIL, 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	---	4.8	7.2	0.8	1.2	1.5	1.9	1.5	1.1	1.4	0.7	1.2	0.5	0.5	0.8	0.7	0.7	0.5	0.3	0.8	0.2	0.5	0.8	1.0	**1.3**	**7.2**	**0.2**
2	---	---	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.4	0.4	0.5	0.3	0.4	0.2	0.3	0.2	0.2	0.3	0.4	0.3	0.4	---	**0.4**	**0.6**	**0.2**
3	0.5	0.4	0.4	0.6	0.6	0.6	1.0	0.9	0.5	0.6	0.4	0.3	0.4	0.5	0.3	0.2	0.8	0.5	0.2	4.3	2.8	0.4	0.4	---	**0.8**	**4.3**	**0.2**
4	0.8	0.9	0.8	1.5	1.7	1.5	1.2	2.3	1.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.8	1.2	1.0	0.9	---	**0.9**	**2.3**	**0.3**
5	1.0	1.2	1.1	1.4	1.6	2.8	2.1	2.8	2.1	1.4	1.2	1.1	0.8	0.5	0.6	1.1	0.6	0.9	1.7	1.5	0.5	1.1	2.0	---	**1.3**	**2.8**	**0.5**
6	0.6	0.6	1.2	4.1	3.8	0.8	1.6	1.0	0.6	0.6	0.7	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.6	1.3	1.3	2.4	1.0	---	**1.1**	**4.1**	**0.3**
7	2.1	3.3	4.5	2.5	2.8	6.2	4.1	3.9	4.2	3.5	3.3	3.9	1.7	1.0	1.2	1.0	0.9	1.3	1.3	1.6	2.3	2.9	2.1	---	**2.7**	**6.2**	**0.9**
8	1.0	0.7	0.4	0.5	0.5	1.8	0.9	1.8	1.3	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	1.2	2.4	0.5	0.6	0.6	0.8	---	**0.8**	**2.4**	**0.3**
9	1.2	0.4	0.5	0.6	0.7	0.5	0.7	0.4	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.2	0.2	0.2	---	**0.4**	**1.2**	**0.2**
10	0.6	0.3	0.3	0.3	0.5	0.4	0.3	0.2	0.2	0.4	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.4	0.2	0.5	0.3	---	**0.3**	**0.6**	**0.1**
11	0.7	0.7	0.6	0.6	0.8	0.5	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	1.1	1.0	1.1	---	**0.5**	**1.1**	**0.2**
12	1.5	1.6	1.4	1.4	1.4	1.9	1.8	1.8	1.8	1.2	1.2	1.0	1.1	0.6	0.5	0.4	0.6	0.6	0.7	0.4	0.2	0.2	0.3	---	**1.0**	**1.9**	**0.2**
13	0.3	0.3	0.3	0.4	4.3	1.1	0.5	0.4	0.6	0.8	0.5	0.4	0.6	0.5	0.4	0.4	0.3	0.4	0.5	0.3	0.3	0.3	0.3	---	**0.6**	**4.3**	**0.3**
14	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.2	0.5	0.4	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	---	---	0.3	0.4	0.6	0.5	**0.4**	**0.6**	**0.2**
15	---	1.0	1.0	1.1	1.3	1.5	1.8	1.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.6	0.5	0.4	0.4	---	**0.6**	**1.8**	**0.3**
16	0.4	0.6	0.5	0.9	0.8	0.8	0.4	0.4	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.8	0.6	1.6	---	**0.5**	**1.6**	**0.2**
17	0.7	0.7	0.7	0.7	0.9	1.1	1.1	1.5	0.6	0.3	0.4	0.3	0.3	0.4	0.5	0.9	1.3	1.6	1.2	0.7	0.6	0.9	0.6	---	**0.8**	**1.6**	**0.3**
18	0.6	0.6	0.7	0.7	1.4	0.8	0.3	0.2	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.3	0.3	0.5	0.6	---	**0.4**	**1.4**	**0.2**
19	1.6	1.7	1.6	1.8	1.9	2.1	1.9	1.7	1.8	0.9	0.8	0.8	0.8	1.0	0.9	0.8	0.7	0.8	0.4	0.6	0.8	0.9	1.1	---	**1.2**	**2.1**	**0.4**
20	2.6	0.3	0.4	0.2	0.2	0.9	0.5	0.4	0.9	0.4	0.5	0.4	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.6	0.5	0.7	0.7	---	**0.5**	**2.6**	**0.2**
21	1.5	1.7	1.4	1.1	0.6	0.4	1.4	0.2	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.1	---	**0.5**	**1.7**	**0.1**
22	0.2	0.2	1.3	1.1	0.4	0.4	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.7	0.2	0.3	0.4	0.5	---	**0.4**	**1.3**	**0.2**
23	0.6	0.8	0.7	0.7	0.9	0.9	1.3	1.6	1.9	1.8	2.0	1.4	0.9	0.9	2.3	1.0	0.9	0.8	0.8	0.4	0.3	0.4	0.4	---	**1.0**	**2.3**	**0.3**
24	0.5	0.6	0.7	0.7	0.5	0.6	0.6	0.8	0.9	1.0	1.1	0.7	0.5	0.5	0.5	0.8	1.1	0.5	0.2	0.2	1.5	1.9	0.9	---	**0.8**	**1.9**	**0.2**
25	0.5	1.7	1.8	4.4	1.2	1.1	1.5	1.4	0.7	0.9	0.7	0.5	0.4	0.3	0.3	1.0	0.3	0.4	0.3	0.3	0.5	0.5	0.5	---	**0.9**	**4.4**	**0.3**
26	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.7	---	**0.4**	**0.7**	**0.2**
27	0.7	0.6	0.4	0.2	0.1	0.2	0.2	0.3	0.3	0.4	0.3	---	---	0.1	0.2	0.4	0.4	0.2	0.2	0.9	0.5	0.5	0.6	0.6	**0.4**	**0.9**	**0.1**
28	---	1.1	1.2	1.1	0.6	0.8	1.1	1.1	0.7	0.8	1.1	1.4	1.5	1.8	1.6	1.7	1.6	1.5	1.3	1.7	1.5	1.2	0.9	1.1	**1.2**	**1.8**	**0.6**
29	---	1.1	1.2	1.3	1.5	1.1	1.2	1.0	1.1	1.0	0.7	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.5	0.6	0.4	0.2	**0.7**	**1.5**	**0.2**
30	---	0.6	0.5	0.5	0.4	0.4	0.7	0.8	0.7	0.7	0.8	1.0	0.9	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.6	0.4	0.3	0.3	**0.5**	**1.0**	**0.3**
MEAN	**0.9**	**1.0**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**0.9**	**0.7**	**0.7**	**0.6**	**0.5**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**---**	**0.8**		
MAX	**2.6**	**4.8**	**7.2**	**4.4**	**4.3**	**6.2**	**4.1**	**3.9**	**4.2**	**3.5**	**3.3**	**3.9**	**1.7**	**1.8**	**2.3**	**1.7**	**1.6**	**1.6**	**2.4**	**4.3**	**2.8**	**2.9**	**2.1**	**1.1**		**7.2**	
MIN	**0.2**	**0.2**	**0.3**	**0.2**	**0.1**	**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**	**0.2**	**0.2**	**0.2**	**0.1**	**0.2**			**0.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.8 ppb

MAXIMUM DOWNWIND2 BUTANE = 7.2 ppb DATE OF OCCURRENCE = 4/1 AT 0300 MAXIMUM DAILY MEAN = 2.7 ppb DATE OF OCCURRENCE = 4/7

MINIMUM DOWNWIND2 BUTANE = 0.1 ppb DATE OF OCCURRENCE = 4/21 AT 1500 MINUMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

DOWNWIND2 BUTANE in ppb for MAY, 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	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.9	0.6	0.6	1.7	**0.5**	**1.7**	**0.3**
2	---	0.8	1.2	1.2	1.3	3.1	1.7	2.6	1.4	1.0	0.8	0.7	0.8	0.9	1.4	1.5	1.2	1.1	1.0	1.0	1.3	2.2	1.3	0.5	**1.3**	**3.1**	**0.5**
3	---	0.5	1.1	0.7	1.7	1.5	1.0	1.5	1.1	0.8	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.8	0.8	0.5	0.5	0.6	**0.7**	**1.7**	**0.3**
4	---	0.5	0.3	0.3	1.6	0.5	0.3	0.3	0.2	0.4	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3	0.2	1.1	0.2	0.8	0.5	0.8	**0.4**	**1.6**	**0.2**
5	---	0.5	0.5	0.8	1.0	1.0	0.6	0.5	---	---	---	---	0.4	0.6	0.5	0.4	0.4	0.5	0.6	1.2	0.9	0.5	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.8**	**1.2**	**1.2**	**1.7**	**3.1**	**1.7**	**2.6**	**1.4**	**1.0**	**0.8**	**0.7**	**0.8**	**0.9**	**1.4**	**1.5**	**1.2**	**1.1**	**1.0**	**1.2**	**1.3**	**2.2**	**1.3**	**1.7**		**3.1**	
MIN	---	**0.5**	**0.3**	**0.3**	**0.5**	**0.4**	**0.3**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.4**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**	**0.2**	**0.5**	**0.5**	**0.5**			**0.2**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.7 ppb

MAXIMUM DOWNWIND2 BUTANE = 3.1 ppb DATE OF OCCURRENCE = 5/2 AT 0600 MAXIMUM DAILY MEAN = 1.3 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND2 BUTANE = 0.2 ppb DATE OF OCCURRENCE = 5/4 AT 2100 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 5/4

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

HarmonCreek

DOWNWIND2 BUTANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	0.0	0.9	0.7	0.4	0.3	0.4	0.3	0.4	0.3	0.3	0.5	0.5	1.3	1.0	0.8	0.9	1.0	---	---	---
13	---	1.2	0.8	1.3	0.6	0.6	0.6	0.4	0.9	1.0	0.5	0.3	0.5	0.3	0.3	0.2	0.3	0.4	0.8	2.4	2.2	0.3	2.4	0.5	**0.8**	**2.4**	**0.2**
14	---	1.7	1.2	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.3	**0.4**	**1.7**	**0.2**
15	---	0.8	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.9	**0.4**	**0.9**	**0.2**
16	---	1.7	1.6	1.9	1.7	4.0	6.0	1.9	1.1	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	4.5	1.3	1.0	1.0	0.9	**1.4**	**6.0**	**0.2**
17	---	1.8	1.5	1.6	1.6	1.5	1.7	1.1	0.6	0.4	0.4	0.3	0.4	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.5	**0.7**	**1.8**	**0.2**
18	---	1.2	1.3	3.2	1.2	0.7	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.3	0.5	0.6	0.8	**0.6**	**3.2**	**0.2**
19	---	1.7	1.5	1.2	1.2	1.2	1.6	1.9	3.0	1.6	1.1	1.2	1.1	1.2	0.9	1.0	0.8	1.1	1.4	1.3	1.3	1.8	1.4	1.5	**1.4**	**3.0**	**0.8**
20	---	5.9	2.8	2.5	3.5	3.3	2.8	2.3	1.8	1.4	1.1	0.9	0.7	0.5	0.4	0.3	0.4	0.5	0.5	0.6	0.9	0.8	0.9	1.1	**1.6**	**5.9**	**0.3**
21	---	4.3	2.0	1.7	1.8	1.9	3.0	3.9	3.2	2.0	1.1	1.1	1.3	0.8	0.6	0.4	0.4	0.8	0.9	0.8	1.6	1.5	1.3	1.2	**1.6**	**4.3**	**0.4**
22	---	1.7	1.9	1.1	1.1	1.6	1.6	1.3	2.4	2.4	2.0	1.7	2.2	1.4	0.6	0.3	0.3	---	---	0.5	0.6	1.7	1.6	1.9	**1.4**	**2.4**	**0.3**
23	1.8	---	3.0	3.5	3.3	2.7	2.6	2.2	1.9	2.0	1.6	1.6	1.4	1.0	1.0	0.9	1.0	0.6	0.6	0.9	0.3	0.3	0.3	0.5	**1.5**	**3.5**	**0.3**
24	---	---	1.0	0.7	0.6	0.6	0.7	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.6	0.8	1.1	**0.5**	**1.1**	**0.2**
25	---	---	1.7	1.4	1.5	1.9	2.5	2.5	1.6	1.2	0.6	0.3	0.2	0.3	0.2	0.2	0.6	0.3	0.3	0.6	1.0	1.4	1.8	2.5	**1.1**	**2.5**	**0.2**
26	---	3.2	2.8	4.0	2.8	3.2	2.9	2.7	1.8	0.9	0.7	0.6	0.4	0.3	0.2	0.3	0.5	0.5	0.3	0.6	0.5	0.5	0.6	0.8	**1.3**	**4.0**	**0.2**
27	---	1.7	1.1	0.8	0.9	0.8	0.6	0.6	0.6	0.4	0.3	0.3	0.4	0.3	0.3	0.5	0.5	0.8	1.2	1.2	1.4	1.7	2.0	2.8	**0.9**	**2.8**	**0.3**
28	---	3.2	2.9	1.9	1.3	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.7	4.6	2.3	2.8	1.3	1.8	**1.3**	**4.6**	**0.3**
29	---	2.0	1.5	1.5	1.8	1.6	2.7	2.0	8.5	9.1	1.2	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4	2.1	0.7	1.1	0.6	0.7	**1.7**	**9.1**	**0.2**
30	---	1.9	1.5	1.7	1.8	1.8	1.3	1.4	0.8	0.8	0.3	0.2	0.6	0.2	0.2	0.3	0.5	0.2	0.2	2.1	1.2	0.7	1.1	0.5	**0.9**	**2.1**	**0.2**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**5.9**	**3.0**	**4.0**	**3.5**	**4.0**	**6.0**	**3.9**	**8.5**	**9.1**	**2.0**	**1.7**	**2.2**	**1.4**	**1.0**	**1.0**	**1.0**	**1.1**	**1.4**	**4.6**	**2.3**	**2.8**	**2.4**	**2.8**		**9.1**	
MIN	---	**0.8**	**0.5**	**0.4**	**0.4**	**0.3**	**0.3**	**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**	**0.3**	**0.3**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 1.1 ppb

MAXIMUM DOWNWIND2 BUTANE = 9.1 ppb DATE OF OCCURRENCE = 6/29 AT 1000 MAXIMUM DAILY MEAN = 1.7 ppb DATE OF OCCURRENCE = 6/29

MINIMUM DOWNWIND2 BUTANE = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 0800 MINUMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND2 PENTANE in ppb for APRIL, 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	0.0	0.0	0.0	0.0	0.0	0.0	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**	**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**
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**
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**	**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**
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	0.1	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**	**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**	**---**	**0.0**		
MAX	**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**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 PENTANE = 0.1 ppb DATE OF OCCURRENCE = 4/29 AT 0900 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/29

MINIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/1

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

HarmonCreek

DOWNWIND2 PENTANE in ppb for MAY, 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	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

MINIMUM DOWNWIND2 PENTANE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

DOWNWIND2 PENTANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	2.3	2.2	2.1	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.2	2.2	2.2	2.3	---	---	---
13	---	2.1	2.1	2.3	2.0	2.1	2.0	1.9	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.5	2.5	1.9	2.5	1.9	**2.0**	**2.5**	**1.8**
14	---	2.2	2.1	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	**1.8**	**2.2**	**1.7**
15	---	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	**1.8**	**2.0**	**1.7**
16	---	2.1	2.2	2.3	2.2	3.1	4.0	2.3	2.0	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.9	1.8	1.8	1.9	1.9	**2.0**	**4.0**	**1.6**
17	---	2.0	2.0	2.1	2.1	2.1	2.2	1.9	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	**1.8**	**2.2**	**1.6**
18	---	1.7	1.9	2.9	2.0	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.7	1.8	**1.7**	**2.9**	**1.5**
19	---	1.9	1.9	1.8	1.8	1.8	2.0	1.9	2.2	1.8	1.6	1.7	1.6	1.7	1.6	1.7	1.6	1.7	1.8	1.8	1.7	2.0	1.8	1.9	**1.8**	**2.2**	**1.6**
20	---	3.5	2.2	2.2	2.6	2.6	2.4	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.9	**1.9**	**3.5**	**1.4**
21	---	3.0	2.1	2.0	2.0	2.1	2.5	2.7	2.4	2.0	1.7	1.7	1.8	1.6	1.6	1.5	1.6	1.7	1.7	1.7	2.0	2.0	2.0	1.9	**2.0**	**3.0**	**1.5**
22	---	1.9	2.1	1.9	1.9	2.0	2.0	2.1	2.5	2.3	1.9	1.8	2.0	1.7	1.6	1.8	1.4	---	---	1.5	1.5	1.9	1.9	2.0	**1.9**	**2.5**	**1.4**
23	1.9	---	2.1	2.4	2.3	2.1	2.0	2.0	1.9	1.9	1.7	1.8	1.8	1.6	1.6	1.6	1.7	1.6	1.6	1.7	1.5	1.5	1.5	1.6	**1.8**	**2.4**	**1.5**
24	---	---	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.7	**1.5**	**1.7**	**1.4**
25	---	---	2.3	2.3	2.1	2.8	3.9	2.2	1.8	1.7	1.4	1.4	1.4	1.4	1.3	1.3	1.5	1.4	1.4	1.5	1.7	1.8	1.9	2.2	**1.8**	**3.9**	**1.3**
26	---	2.2	2.2	2.6	2.2	2.3	2.2	2.1	1.8	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	**1.7**	**2.6**	**1.3**
27	---	1.7	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.2	**1.5**	**2.2**	**1.3**
28	---	2.2	2.2	1.9	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	2.8	1.9	2.3	1.7	1.9	**1.6**	**2.8**	**1.3**
29	---	1.8	1.7	1.8	1.9	1.8	2.3	2.1	4.0	4.0	1.5	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.8	1.4	1.5	1.4	1.4	**1.7**	**4.0**	**1.2**
30	---	1.7	1.7	1.8	1.9	1.9	1.8	2.2	1.4	1.5	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.7	1.6	1.4	1.6	1.3	**1.5**	**2.2**	**1.2**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**3.5**	**2.3**	**2.9**	**2.6**	**3.1**	**4.0**	**2.7**	**4.0**	**4.0**	**2.0**	**1.9**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.1**	**2.9**	**2.5**	**2.3**	**2.5**	**2.3**		**4.0**	
MIN	---	**1.7**	**1.5**	**1.5**	**1.5**	**1.5**	**1.4**	**1.4**	**1.4**	**1.4**	**1.2**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.4**	**1.4**	**1.4**	**1.4**	**1.3**			**1.2**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 1.8 ppb

MAXIMUM DOWNWIND2 PENTANE = 4.0 ppb DATE OF OCCURRENCE = 6/29 AT 0900 MAXIMUM DAILY MEAN = 2.0 ppb DATE OF OCCURRENCE = 6/13

MINIMUM DOWNWIND2 PENTANE = 1.2 ppb DATE OF OCCURRENCE = 6/30 AT 1200 MINUMUM DAILY MEAN = 1.5 ppb DATE OF OCCURRENCE = 6/30

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

HarmonCreek

DOWNWIND2 HEXANE in ppb for APRIL, 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	0.6	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	**0.1**	**0.6**	**0.0**
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	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
3	0.1	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	0.1	0.0	0.0	0.4	0.2	0.1	0.0	---	**0.1**	**0.4**	**0.0**
4	0.1	0.1	0.1	0.2	0.2	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	0.1	---	**0.1**	**0.2**	**0.0**
5	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.2	---	**0.1**	**0.3**	**0.0**
6	0.1	0.1	0.1	0.4	0.3	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	0.2	0.1	---	**0.1**	**0.4**	**0.0**
7	0.3	0.4	0.4	0.3	0.2	0.6	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	---	**0.2**	**0.6**	**0.1**
8	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
9	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
10	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**
11	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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.0**	**0.1**	**0.0**
12	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	---	**0.1**	**0.2**	**0.0**
13	0.1	0.1	0.0	0.0	0.4	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	0.1	0.0	0.0	0.0	0.0	---	**0.1**	**0.4**	**0.0**
14	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	0.1	0.0	**0.0**	**0.1**	**0.0**
15	---	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	0.1	0.0	0.0	0.0	---	**0.1**	**0.2**	**0.0**
16	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	0.2	0.1	0.2	---	**0.0**	**0.2**	**0.0**
17	0.1	0.1	0.1	0.1	0.1	0.1	0.7	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	0.0	0.1	0.1	---	**0.1**	**0.7**	**0.0**
18	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**	**0.1**	**0.0**
19	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	0.0	0.0	0.1	0.1	0.1	---	**0.1**	**0.2**	**0.0**
20	0.3	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	2.5	0.0	0.0	0.0	0.1	0.1	0.1	0.1	---	**0.2**	**2.5**	**0.0**
21	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	2.8	3.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.4**	**3.2**	**0.0**
22	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	0.1	0.0	0.0	0.0	0.0	---	**0.0**	**0.1**	**0.0**
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	---	**0.1**	**0.2**	**0.0**
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	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.1	---	**0.1**	**0.2**	**0.0**
25	0.1	0.2	0.2	0.5	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	0.0	0.0	0.1	0.0	0.1	---	**0.1**	**0.5**	**0.0**
26	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	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**
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	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	**0.0**	**0.1**	**0.0**
28	---	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	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	**0.1**	**0.2**	**0.1**
29	---	0.2	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	0.0	0.0	0.0	0.0	0.0	**0.1**	**0.2**	**0.0**
30	---	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	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**
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**	**0.2**	**0.1**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**---**	**0.1**		
MAX	**0.3**	**0.5**	**0.6**	**0.5**	**0.4**	**0.6**	**0.7**	**0.4**	**0.4**	**0.3**	**0.3**	**2.8**	**3.2**	**2.7**	**0.2**	**2.5**	**0.1**	**0.1**	**0.2**	**0.4**	**0.2**	**0.3**	**0.2**	**0.1**		**3.2**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 3.2 ppb DATE OF OCCURRENCE = 4/21 AT 1300 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 4/21

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 4/9 AT 1300 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/10

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

HarmonCreek

DOWNWIND2 HEXANE in ppb for MAY, 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	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	**0.1**	**0.2**	**0.0**
2	---	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	**0.1**	**0.3**	**0.0**
3	---	0.1	0.1	0.0	0.0	0.2	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	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
4	---	0.1	0.1	0.0	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	0.0	0.0	0.1	0.0	0.0	0.1	0.1	**0.1**	**0.2**	**0.0**
5	---	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	0.1	0.1	0.1	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**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**	**0.2**	**0.1**	**0.2**		**0.3**	
MIN	---	**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**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 0.3 ppb DATE OF OCCURRENCE = 5/2 AT 0600 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 5/3 AT 0400 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

DOWNWIND2 HEXANE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.3	---	---	---
13	---	0.2	0.1	0.2	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	0.0	0.1	0.3	0.2	0.0	0.2	0.1	**0.1**	**0.3**	**0.0**
14	---	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.0**	**0.2**	**0.0**
15	---	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	0.2	0.1	0.1	**0.1**	**0.2**	**0.0**
16	---	0.3	0.3	0.3	0.3	0.6	0.9	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.1	0.3	0.2	**0.2**	**0.9**	**0.0**
17	---	0.3	0.2	0.3	0.3	0.3	0.2	0.1	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	0.1	0.1	**0.1**	**0.3**	**0.0**
18	---	0.1	0.2	0.5	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	0.2	0.1	0.1	**0.1**	**0.5**	**0.0**
19	---	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3	**0.2**	**0.3**	**0.1**
20	---	0.9	0.4	0.5	0.5	0.6	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	**0.2**	**0.9**	**0.0**
21	---	0.6	0.2	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.1	**0.2**	**0.6**	**0.0**
22	---	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.0	0.0	---	---	0.1	0.1	0.2	0.2	0.2	**0.2**	**0.3**	**0.0**
23	0.2	---	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	0.1	0.0	0.0	0.0	0.1	**0.1**	**0.3**	**0.0**
24	---	---	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	0.1	0.1	**0.1**	**0.1**	**0.0**
25	---	---	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
26	---	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	**0.1**	**0.5**	**0.0**
27	---	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	0.1	0.1	0.1	0.1	0.2	0.2	0.3	**0.1**	**0.3**	**0.0**
28	---	0.3	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	0.0	0.0	0.1	0.5	0.2	0.4	0.2	0.3	**0.1**	**0.5**	**0.0**
29	---	0.3	0.2	0.3	0.3	0.2	0.4	0.4	1.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.1	0.1	**0.2**	**1.0**	**0.0**
30	---	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.2	0.1	**0.2**	**0.4**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.9**	**0.4**	**0.5**	**0.5**	**0.6**	**0.9**	**0.4**	**1.0**	**0.9**	**0.2**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.5**	**0.2**	**0.4**	**0.3**	**0.3**		**1.0**	
MIN	---	**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**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 HEXANE = 1.0 ppb DATE OF OCCURRENCE = 6/29 AT 0900 MAXIMUM DAILY MEAN = 0.2 ppb DATE OF OCCURRENCE = 6/20

MINIMUM DOWNWIND2 HEXANE = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 0800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/14

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

HarmonCreek

DOWNWIND2 BENZENE in ppb for APRIL, 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	15.8	4.6	0.0	0.0	19.6	18.3	9.6	0.0	0.0	0.0	**3.0**	**19.6**	**0.0**
2	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	4.9	0.0	8.3	0.0	0.0	0.0	0.0	1.8	0.0	0.0	---	**1.4**	**15.5**	**0.0**
3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.5**	**10.2**	**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	36.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**1.6**	**36.3**	**0.0**
5	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**	**0.3**	**0.0**
6	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.3**	**2.8**	**0.0**
7	0.0	0.0	0.0	0.3	1.0	1.1	0.8	0.3	0.2	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	---	**0.4**	**5.3**	**0.0**
8	0.0	0.0	14.6	0.0	0.0	0.0	0.0	0.0	0.2	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	---	**0.7**	**14.6**	**0.0**
9	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	0.0	5.3	0.0	0.4	0.0	23.2	16.6	13.7	2.0	---	**3.6**	**23.2**	**0.0**
10	0.0	7.4	4.7	8.6	16.0	3.3	7.5	3.1	25.9	0.0	0.0	0.0	0.0	9.1	3.2	0.0	15.1	0.0	0.0	19.7	0.0	7.8	0.2	---	**5.7**	**25.9**	**0.0**
11	0.2	0.3	0.2	0.0	0.0	0.0	0.6	0.0	12.5	21.7	17.7	0.0	0.0	0.0	4.1	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	---	**3.0**	**21.7**	**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	0.0	0.0	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	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.2	0.0	3.5	---	**1.4**	**14.4**	**0.0**
14	0.0	24.3	0.0	0.0	0.3	0.0	0.0	11.3	0.0	0.0	1.8	3.0	0.0	0.0	0.0	0.0	29.9	0.0	---	---	3.5	0.0	0.0	0.0	**3.4**	**29.9**	**0.0**
15	---	0.2	0.3	0.3	0.5	0.5	0.4	0.0	0.0	0.0	0.0	0.0	13.5	10.1	0.0	0.0	0.0	0.0	0.0	9.6	29.9	0.0	0.0	---	**3.0**	**29.9**	**0.0**
16	0.0	0.0	0.7	0.0	0.0	19.4	0.0	0.0	0.0	0.0	21.2	0.0	0.0	7.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**2.2**	**21.2**	**0.0**
17	0.0	0.0	0.0	3.4	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	3.1	0.0	0.0	0.0	---	**0.3**	**3.4**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	0.0	1.8	18.5	0.0	0.0	15.5	20.8	0.0	5.5	0.0	3.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	---	**3.0**	**20.8**	**0.0**
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	4.9	0.0	0.0	0.0	0.0	5.2	0.5	0.0	0.0	0.0	0.0	---	**0.7**	**6.3**	**0.0**
20	0.0	0.0	17.7	17.1	26.8	0.0	15.7	16.8	0.0	6.5	0.0	9.8	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	---	**5.3**	**26.8**	**0.0**
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	14.1	15.6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	---	**2.2**	**15.6**	**0.0**
22	0.0	0.0	4.5	0.0	0.0	0.0	0.2	0.0	17.9	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**1.5**	**17.9**	**0.0**
23	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	2.0	0.0	0.9	0.0	0.0	0.0	4.2	0.0	0.0	0.0	---	**0.3**	**4.2**	**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	6.1	0.0	0.0	0.0	23.2	1.8	0.0	0.0	0.0	0.0	0.0	---	**1.3**	**23.2**	**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	4.0	0.0	0.0	0.0	3.0	0.0	0.4	17.8	16.4	0.0	0.0	0.0	---	**1.8**	**17.8**	**0.0**
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	15.9	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	**1.0**	**15.9**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	6.9	0.0	0.0	2.4	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.5**	**6.9**	**0.0**
29	---	0.2	0.0	0.0	0.0	0.0	0.0	6.4	0.4	0.0	0.0	8.2	0.0	0.0	0.0	5.4	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	**1.2**	**8.2**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	**1.3**	**26.3**	**0.0**
MEAN	**0.1**	**1.2**	**1.4**	**1.0**	**1.5**	**0.9**	**0.9**	**2.2**	**3.8**	**1.2**	**2.6**	**3.7**	**3.1**	**1.3**	**0.8**	**1.0**	**2.5**	**1.5**	**1.5**	**3.3**	**2.1**	**0.7**	**0.4**	**---**	**1.7**		
MAX	**2.8**	**24.3**	**17.7**	**17.1**	**26.8**	**19.4**	**15.7**	**18.5**	**26.3**	**21.7**	**21.2**	**20.8**	**36.3**	**10.1**	**15.8**	**8.3**	**29.9**	**11.4**	**19.6**	**23.2**	**29.9**	**13.7**	**7.0**	**0.0**		**36.3**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 1.7 ppb

MAXIMUM DOWNWIND2 BENZENE = 36.3 ppb DATE OF OCCURRENCE = 4/4 AT 1300 MAXIMUM DAILY MEAN = 5.7 ppb DATE OF OCCURRENCE = 4/10

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/12

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

HarmonCreek

DOWNWIND2 BENZENE in ppb for MAY, 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	4.3	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	**0.2**	**4.3**	**0.0**
2	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	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	**0.1**	**2.7**	**0.0**
3	---	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	5.0	0.0	3.1	5.9	0.0	0.0	0.0	0.0	2.4	**0.7**	**5.9**	**0.0**
4	---	0.9	0.0	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	3.5	0.0	**0.2**	**3.5**	**0.0**
5	---	2.1	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	0.0	0.0	0.0	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**2.1**	**4.3**	**1.1**	**1.3**	**0.0**	**0.0**	**0.0**	**2.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**5.0**	**0.3**	**3.1**	**5.9**	**0.0**	**0.0**	**0.0**	**3.5**	**2.4**		**5.9**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND2 BENZENE = 5.9 ppb DATE OF OCCURRENCE = 5/3 AT 1900 MAXIMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 5/3

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MINUMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 5/2

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

HarmonCreek

DOWNWIND2 BENZENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	1.3	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	0.7	0.6	0.5	---	---	---
13	---	0.3	0.4	0.2	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	0.3	**0.1**	**0.4**	**0.0**
14	---	1.0	0.2	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	0.3	0.2	0.0	0.0	0.2	0.0	0.2	0.8	**0.1**	**1.0**	**0.0**
15	---	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.3	**0.1**	**0.8**	**0.0**
16	---	0.5	0.4	0.3	0.3	0.4	0.4	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	0.2	**0.1**	**0.5**	**0.0**
17	---	0.3	0.3	0.3	0.3	0.4	0.3	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**	**0.4**	**0.0**
18	---	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4	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	**0.1**	**0.4**	**0.0**
19	---	0.9	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.4	0.0	0.3	0.5	0.5	0.5	**0.2**	**0.9**	**0.0**
20	---	0.9	1.0	0.7	1.3	1.5	0.9	0.7	0.5	0.3	0.2	0.2	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.3	0.2	**0.4**	**1.5**	**0.0**
21	---	0.6	0.4	0.4	0.4	0.4	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.4	0.4	0.2	**0.2**	**0.6**	**0.0**
22	---	0.4	0.3	0.2	0.2	1.7	1.7	1.2	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.0	0.1	0.1	**0.3**	**1.7**	**0.0**
23	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	**0.0**	**0.1**	**0.0**
24	---	---	0.4	0.5	0.9	0.6	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.4	0.1	0.2	**0.2**	**0.9**	**0.0**
25	---	---	0.9	0.9	0.7	2.2	3.3	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.3	0.3	0.2	0.1	0.0	**0.4**	**3.3**	**0.0**
26	---	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	**0.0**	**0.4**	**0.0**
27	---	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**
28	---	0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.3	0.3	0.1	0.3	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	**0.1**	**0.5**	**0.0**
29	---	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	0.0	0.0	0.0	0.4	0.4	0.1	**0.1**	**0.4**	**0.0**
30	---	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	**0.1**	**0.6**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**1.0**	**1.0**	**0.9**	**1.3**	**2.2**	**3.3**	**1.3**	**1.0**	**0.7**	**0.3**	**0.3**	**0.6**	**0.3**	**0.4**	**0.4**	**0.3**	**0.2**	**0.4**	**0.4**	**0.8**	**0.7**	**0.6**	**0.8**		**3.3**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 0.2 ppb

MAXIMUM DOWNWIND2 BENZENE = 3.3 ppb DATE OF OCCURRENCE = 6/25 AT 0700 MAXIMUM DAILY MEAN = 0.4 ppb DATE OF OCCURRENCE = 6/20

MINIMUM DOWNWIND2 BENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/27

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

HarmonCreek

DOWNWIND2 TOLUENE in ppb for APRIL, 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	9.8	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	**0.5**	**9.8**	**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	3.2	6.7	0.0	0.0	0.0	0.0	0.0	---	**0.5**	**6.7**	**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	5.9	9.1	0.0	0.0	0.0	0.0	0.0	---	**0.7**	**9.1**	**0.0**
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	1.7	8.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.9**	**8.3**	**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	13.3	7.8	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**1.0**	**13.3**	**0.0**
7	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**0.0**	**0.2**	**0.0**
8	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	17.4	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0	---	**2.2**	**18.4**	**0.0**
9	0.0	0.0	6.4	9.8	0.0	0.0	0.0	8.2	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**1.5**	**11.1**	**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	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	7.8	0.0	0.0	0.0	0.0	---	**1.0**	**9.9**	**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	20.2	0.0	0.0	4.3	0.0	0.0	0.0	---	**1.1**	**20.2**	**0.0**
13	0.0	0.0	0.0	3.8	0.0	5.8	0.0	0.0	0.0	0.0	0.0	20.7	0.0	7.2	2.5	4.3	4.6	0.0	0.0	0.0	0.0	0.0	20.7	---	**3.0**	**20.7**	**0.0**
14	3.6	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	7.7	2.4	**1.3**	**11.4**	**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	20.2	0.0	0.0	0.0	0.0	---	**0.9**	**20.2**	**0.0**
16	0.0	0.0	0.5	4.0	7.1	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	---	**0.5**	**7.1**	**0.0**
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	5.5	0.0	6.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	**1.4**	**13.6**	**0.0**
18	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	---	**0.6**	**10.5**	**0.0**
19	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	12.2	5.0	0.0	4.6	0.0	8.8	0.0	7.0	9.0	0.0	8.8	0.0	0.0	0.0	0.0	---	**2.4**	**12.2**	**0.0**
20	0.0	0.0	0.0	0.0	0.0	6.9	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	---	**0.3**	**6.9**	**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	8.6	0.0	0.0	---	**0.4**	**8.6**	**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	4.6	0.0	0.0	0.0	11.9	0.0	0.0	0.0	---	**0.7**	**11.9**	**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	9.2	0.0	0.0	0.0	---	**0.4**	**9.2**	**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	11.3	2.9	8.5	0.0	0.0	0.0	6.9	0.0	---	**1.3**	**11.3**	**0.0**
27	0.0	3.6	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	13.1	0.0	0.0	0.0	0.0	0.0	**0.8**	**13.1**	**0.0**
28	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	**1.7**	**20.4**	**0.0**
29	---	0.2	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	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
30	---	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	11.9	10.9	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1.6**	**11.9**	**0.0**
MEAN	**0.2**	**0.1**	**0.2**	**0.8**	**0.3**	**0.8**	**0.1**	**0.6**	**0.9**	**1.5**	**0.1**	**2.3**	**0.9**	**2.2**	**0.5**	**1.6**	**1.9**	**1.4**	**1.8**	**0.9**	**0.3**	**0.2**	**1.0**	**---**	**0.9**		
MAX	**3.6**	**3.6**	**6.4**	**9.8**	**7.1**	**10.5**	**2.7**	**9.7**	**13.6**	**18.2**	**1.7**	**20.7**	**11.4**	**20.4**	**10.9**	**11.3**	**20.2**	**18.4**	**20.2**	**11.9**	**8.6**	**6.9**	**20.7**	**2.4**		**20.7**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.9 ppb

MAXIMUM DOWNWIND2 TOLUENE = 20.7 ppb DATE OF OCCURRENCE = 4/13 AT 2300 MAXIMUM DAILY MEAN = 3.0 ppb DATE OF OCCURRENCE = 4/13

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/5

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

HarmonCreek

DOWNWIND2 TOLUENE in ppb for MAY, 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	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.3**	**7.7**	**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	16.1	0.0	0.0	13.8	0.0	0.0	5.2	12.1	0.0	0.0	0.0	**2.0**	**16.1**	**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	6.8	0.0	0.0	0.0	0.0	0.0	0.0	**0.3**	**6.8**	**0.0**
4	---	0.0	0.0	0.0	0.0	0.0	16.1	1.8	14.4	11.3	0.0	0.0	0.0	0.0	10.9	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2.8**	**16.1**	**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	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**16.1**	**1.8**	**14.4**	**11.3**	**0.0**	**0.0**	**7.7**	**16.1**	**10.9**	**0.0**	**13.8**	**6.8**	**0.0**	**5.2**	**12.1**	**0.0**	**0.0**	**0.0**		**16.1**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 1.1 ppb

MAXIMUM DOWNWIND2 TOLUENE = 16.1 ppb DATE OF OCCURRENCE = 5/4 AT 0700 MAXIMUM DAILY MEAN = 2.8 ppb DATE OF OCCURRENCE = 5/4

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MINUMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

DOWNWIND2 TOLUENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.3	0.0	0.3	0.6	0.7	0.8	2.9	---	---	---
13	---	0.4	1.1	0.2	0.6	0.0	4.9	0.2	0.3	1.5	0.0	0.3	0.2	0.0	0.0	0.0	3.4	0.7	0.6	0.2	0.3	0.2	0.3	0.3	**0.7**	**4.9**	**0.0**
14	---	0.7	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.0	0.5	0.0	0.3	0.2	0.6	0.4	0.3	0.5	0.2	0.3	0.3	0.5	**0.3**	**0.7**	**0.0**
15	---	0.2	2.6	0.2	0.8	0.2	0.3	0.3	0.5	0.5	0.4	0.2	0.2	0.3	0.2	0.3	0.0	1.1	0.2	0.2	0.8	1.2	2.9	1.7	**0.7**	**2.9**	**0.0**
16	---	1.0	0.7	0.6	0.7	1.0	0.9	1.4	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	1.1	0.6	**0.4**	**1.4**	**0.0**
17	---	0.9	0.6	0.7	0.6	0.6	0.6	0.6	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.5	0.0	0.3	0.3	0.4	0.3	**0.4**	**0.9**	**0.0**
18	---	0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.5	0.4	0.3	0.2	0.2	0.2	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.7	0.3	0.4	**0.3**	**0.7**	**0.0**
19	---	1.0	0.7	0.6	0.5	0.5	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.3	0.5	0.8	0.8	0.9	**0.4**	**1.0**	**0.0**
20	---	0.9	0.8	1.3	1.2	1.4	1.0	0.8	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.8	0.6	0.6	0.8	**0.5**	**1.4**	**0.0**
21	---	0.9	0.7	0.7	0.5	0.7	0.7	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.5	1.2	0.4	**0.4**	**1.2**	**0.0**
22	---	0.6	1.0	0.7	0.5	0.7	0.8	0.9	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	---	---	0.0	0.0	0.1	0.1	0.1	**0.3**	**1.0**	**0.0**
23	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**
24	---	---	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	5.6	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	**0.3**	**5.6**	**0.0**
25	---	---	0.4	0.4	0.3	0.7	1.1	0.1	0.0	0.0	0.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	**0.3**	**1.1**	**0.0**
26	---	0.1	0.1	0.2	0.1	0.1	0.4	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	0.0	0.0	0.0	0.1	**0.1**	**0.4**	**0.0**
27	---	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	**0.0**	**0.2**	**0.0**
28	---	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	1.1	0.1	0.3	0.3	0.2	**0.1**	**1.1**	**0.0**
29	---	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.3	0.3	0.1	**0.1**	**0.3**	**0.0**
30	---	0.2	0.3	0.2	0.3	0.4	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.1	0.1	**0.1**	**0.4**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**1.0**	**2.6**	**1.3**	**1.2**	**1.4**	**4.9**	**1.4**	**0.9**	**1.5**	**0.8**	**1.1**	**5.6**	**0.3**	**0.3**	**0.3**	**3.4**	**1.1**	**0.6**	**1.1**	**0.8**	**1.2**	**2.9**	**2.9**		**5.6**	
MIN	---	**0.1**	**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**	**0.0**	**0.0**			**0.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND2 TOLUENE = 5.6 ppb DATE OF OCCURRENCE = 6/24 AT 1300 MAXIMUM DAILY MEAN = 0.7 ppb DATE OF OCCURRENCE = 6/13

MINIMUM DOWNWIND2 TOLUENE = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 1100 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/23

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

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for APRIL, 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	0.0	0.0	0.0	0.0	0.0	0.0	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**	**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**
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**
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**	**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**
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**
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**	**---**	**0.0**		
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/1

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/1

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

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for MAY, 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	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MAXIMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

DOWNWIND2 ETHYLBENZENE in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.6	---	---	---
13	---	0.0	0.0	0.4	1.6	0.0	0.0	0.0	0.3	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	0.1	1.6	0.0
14	---	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
15	---	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	0.2	1.1	0.0	0.1	1.1	0.0
16	---	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	0.3	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	0.0	0.0	0.0	0.0	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	---	0.2	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
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	0.0	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	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	0.0
25	---	---	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	0.0	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	0.1	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
27	---	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	0.0	0.1	0.0
28	---	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	0.0	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	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	0.1	0.0	0.0	0.0	0.0	0.1	0.0
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	0.2	0.3	0.4	1.6	0.1	0.1	0.0	0.3	0.3	0.0	0.0	1.3	0.1	0.8	0.0	0.0	0.0	0.0	0.2	0.1	0.2	1.1	1.6		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

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 0.0 ppb

MAXIMUM DOWNWIND2 ETHYLBENZENE = 1.6 ppb DATE OF OCCURRENCE = 6/12 AT 2400 MAXIMUM DAILY MEAN = 0.1 ppb DATE OF OCCURRENCE = 6/13

MINIMUM DOWNWIND2 ETHYLBENZENE = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 0800 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/17

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

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for APRIL, 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	5.6	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	0.2	5.6	0.0
2	---	---	0.0	0.0	0.0	6.4	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	---	0.4	6.4	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	4.5	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	4.0	0.0	---	0.4	4.5	0.0
4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	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	---	0.3	6.6	0.0
5	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	9.5	9.6	0.0	0.0	0.0	---	0.8	9.6	0.0
6	0.0	0.0	0.0	0.0	4.4	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	8.0	0.0	0.0	0.0	---	0.5	8.0	0.0
7	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	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
8	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	0.4	0.0	---	0.0	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	7.7	---	0.3	7.7	0.0
12	0.0	0.0	0.0	0.0	1.9	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	---	0.1	1.9	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	6.7	0.0	0.0	---	0.3	6.7	0.0
14	0.0	0.0	0.0	0.0	4.4	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	0.4	0.2	4.4	0.0
15	---	0.0	0.0	0.2	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	0.6	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	0.2	0.6	0.0	0.0	0.0	0.0	0.4	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	11.1	7.7	0.0	---	0.9	11.1	0.0
18	0.8	0.0	5.3	2.7	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	---	0.4	5.3	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	2.3	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	4.6	0.0	---	0.3	4.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.5	0.0	---	0.5	4.6	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	4.8	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	9.5	0.0	---	0.8	9.5	0.0
23	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	3.7	0.0	0.0	0.0	0.0	7.5	---	0.5	7.5	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	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	2.5	0.0
25	1.1	0.3	2.3	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	7.3	0.7	0.0	0.0	0.0	0.0	---	0.6	7.3	0.0
26	0.0	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	---	0.2	3.0	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	0.8	0.0	0.0	0.8	0.0
28	---	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	0.2	0.0	0.0	0.0	0.3	0.0
29	---	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	0.7	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	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	2.2	0.0
MEAN	**0.1**	**0.1**	**0.3**	**0.2**	**0.5**	**0.2**	**0.5**	**0.3**	**0.4**	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.4**	**0.4**	**0.6**	**0.7**	**1.0**	**0.5**	**---**	**0.3**		
MAX	**1.1**	**1.9**	**5.3**	**3.0**	**4.8**	**6.4**	**4.5**	**5.6**	**6.6**	**2.5**	**1.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**7.3**	**9.5**	**9.6**	**11.1**	**9.5**	**7.7**	**2.2**		**11.1**	
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 = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 0.3 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 11.1 ppb DATE OF OCCURRENCE = 4/17 AT 2100 MAXIMUM DAILY MEAN = 0.9 ppb DATE OF OCCURRENCE = 4/17

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 4/1 AT 0200 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 4/9

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

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for MAY, 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	0.6	0.0	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	**1.5**	**14.5**	**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	6.6	0.0	**0.3**	**6.6**	**0.0**
3	---	0.9	0.0	0.5	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	1.6	0.6	0.8	0.0	2.0	0.0	**0.3**	**2.0**	**0.0**
4	---	0.0	0.0	0.0	11.3	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	2.8	2.2	11.9	0.0	**1.2**	**11.9**	**0.0**
5	---	0.6	1.5	0.0	0.0	0.0	0.0	0.0	---	---	---	---	0.7	0.0	0.0	4.8	3.9	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.9**	**1.5**	**0.5**	**11.3**	**2.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.7**	**0.0**	**14.5**	**4.8**	**3.9**	**0.0**	**1.6**	**0.6**	**10.5**	**2.2**	**11.9**	**0.0**		**14.5**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 0.8 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 14.5 ppb DATE OF OCCURRENCE = 5/1 AT 1500 MAXIMUM DAILY MEAN = 1.5 ppb DATE OF OCCURRENCE = 5/1

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 5/1 AT 0400 MINUMUM DAILY MEAN = 0.3 ppb DATE OF OCCURRENCE = 5/2

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

HarmonCreek

DOWNWIND2 TOTAL XYLENES in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	2.2	---	---	---
13	---	0.2	0.2	0.4	1.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	**0.1**	**1.5**	**0.0**
14	---	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	0.2	0.2	0.2	0.0	0.0	0.0	0.0	**0.0**	**0.3**	**0.0**
15	---	0.1	0.3	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.6	0.3	**0.2**	**1.6**	**0.0**
16	---	0.6	0.5	0.4	0.4	0.7	0.6	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.8	0.5	**0.2**	**0.8**	**0.0**
17	---	0.6	0.4	0.4	0.4	0.4	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	0.2	0.2	**0.1**	**0.6**	**0.0**
18	---	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.2	0.3	**0.1**	**0.5**	**0.0**
19	---	0.6	0.5	0.4	0.4	0.4	0.5	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	0.3	0.4	0.5	0.6	**0.2**	**0.6**	**0.0**
20	---	0.5	0.5	0.8	0.7	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.4	**0.2**	**0.8**	**0.0**
21	---	0.4	0.3	0.3	0.2	0.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.8	0.2	**0.2**	**0.8**	**0.0**
22	---	0.2	0.5	0.3	0.2	0.3	0.3	0.4	0.4	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**	**0.5**	**0.0**
23	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	0.0	0.0	0.0	0.0	**0.0**	**0.1**	**0.0**
24	---	---	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	**0.5**	**10.6**	**0.0**
25	---	---	0.1	0.2	0.1	0.2	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	0.1	0.0	0.0	0.0	**0.0**	**0.3**	**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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	**0.0**	**0.2**	**0.0**
28	---	0.0	0.0	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	0.2	0.2	0.1	**0.0**	**0.2**	**0.0**
29	---	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	**0.0**	**0.2**	**0.0**
30	---	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	0.1	0.1	**0.0**	**0.1**	**0.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**0.6**	**0.5**	**0.8**	**1.5**	**0.8**	**0.6**	**0.4**	**0.4**	**0.2**	**0.0**	**0.0**	**10.6**	**0.0**	**0.5**	**0.0**	**0.3**	**0.2**	**0.2**	**0.2**	**0.6**	**0.5**	**1.6**	**2.2**		**10.6**	
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**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 0.1 ppb

MAXIMUM DOWNWIND2 TOTAL XYLENES = 10.6 ppb DATE OF OCCURRENCE = 6/24 AT 1300 MAXIMUM DAILY MEAN = 0.5 ppb DATE OF OCCURRENCE = 6/24

MINIMUM DOWNWIND2 TOTAL XYLENES = 0.0 ppb DATE OF OCCURRENCE = 6/12 AT 0900 MINUMUM DAILY MEAN = 0.0 ppb DATE OF OCCURRENCE = 6/26

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

HarmonCreek

DOWNWIND2 THC PAMS in ppb for APRIL, 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	---	66.5	111.9	13.1	14.3	16.6	34.3	29.1	18.2	22.5	11.3	20.5	8.9	8.6	29.0	26.6	12.2	9.1	25.0	30.7	14.5	16.8	17.8	18.1	**25.0**	**111.9**	**8.6**
2	---	---	10.7	11.9	11.3	16.7	13.7	10.2	8.6	9.8	7.2	6.7	23.1	10.5	6.8	12.9	8.4	11.5	4.4	5.6	8.8	6.3	7.4	---	**10.1**	**23.1**	**4.4**
3	8.8	7.6	8.2	14.6	17.7	16.0	18.1	16.9	8.4	9.7	7.3	16.5	8.1	8.3	4.6	3.9	18.4	17.6	4.3	75.1	44.8	12.9	6.5	---	**15.4**	**75.1**	**3.9**
4	19.2	23.0	21.0	29.3	32.1	29.3	24.0	40.2	31.5	12.0	8.7	14.7	43.3	5.5	5.2	6.0	11.1	8.3	6.9	9.2	16.9	15.0	14.1	---	**18.5**	**43.3**	**5.2**
5	16.8	17.4	18.3	26.6	26.7	44.2	32.2	46.7	34.7	23.4	19.0	23.4	11.7	8.0	8.7	15.7	8.1	13.5	37.2	31.8	7.4	18.0	32.8	---	**22.7**	**46.7**	**7.4**
6	11.2	10.6	22.9	64.7	65.9	18.4	31.9	19.0	10.4	8.0	7.0	18.7	13.9	4.9	8.0	4.9	7.9	6.4	8.3	26.2	18.0	35.8	14.6	---	**19.0**	**65.9**	**4.9**
7	34.6	46.5	73.2	38.2	41.0	93.8	59.3	44.3	44.8	38.7	36.5	50.7	26.9	22.6	17.5	28.4	12.9	22.8	20.1	27.8	39.6	48.1	33.5	---	**39.2**	**93.8**	**12.9**
8	14.9	13.4	22.1	9.3	12.9	30.0	13.9	22.7	19.2	14.5	9.0	21.5	7.3	23.8	6.1	6.6	4.5	36.7	36.0	7.9	9.4	9.4	10.6	---	**15.7**	**36.7**	**4.5**
9	17.7	7.0	13.9	21.1	9.8	8.0	11.0	14.6	5.5	17.8	4.4	24.8	4.6	5.5	5.8	10.6	7.2	6.3	6.9	33.2	21.5	18.2	6.9	---	**12.3**	**33.2**	**4.4**
10	11.2	13.6	10.6	14.2	28.6	11.7	13.6	8.7	30.8	7.4	4.1	3.9	4.3	13.0	7.1	3.8	19.8	4.5	4.6	30.7	7.2	17.0	7.2	---	**12.1**	**30.8**	**3.8**
11	19.0	15.3	13.7	18.1	14.0	9.5	13.3	10.3	20.0	27.3	22.9	4.9	5.4	5.9	9.6	16.2	6.3	16.6	14.2	9.4	15.6	14.3	22.9	---	**14.1**	**27.3**	**4.9**
12	24.8	28.0	24.4	23.7	25.5	32.5	30.7	28.3	29.9	20.7	23.3	15.8	15.7	9.5	7.1	6.6	29.3	9.7	10.5	12.2	5.3	5.3	6.7	---	**18.5**	**32.5**	**5.3**
13	11.2	10.6	7.0	11.3	68.3	27.3	9.7	9.8	26.7	16.1	9.7	35.3	10.5	15.5	10.0	12.4	11.2	13.4	9.6	6.3	13.6	5.9	29.7	---	**16.6**	**68.3**	**5.9**
14	9.3	30.5	6.8	8.5	15.0	11.8	14.3	16.8	7.8	6.6	7.3	8.6	16.5	5.6	6.3	5.9	35.4	5.4	---	---	10.4	7.6	19.8	13.9	**12.3**	**35.4**	**5.4**
15	---	18.7	20.0	20.7	24.0	25.5	28.6	20.0	7.5	6.6	5.6	5.5	18.6	15.9	6.9	5.8	6.1	5.7	26.2	22.7	40.3	6.4	7.5	---	**15.7**	**40.3**	**5.5**
16	8.9	12.5	20.5	25.4	24.4	38.3	11.6	9.2	6.5	5.1	25.6	5.3	5.4	13.0	6.6	6.2	5.8	5.2	4.6	4.8	13.9	11.9	27.6	---	**13.0**	**38.3**	**4.6**
17	13.2	15.0	13.0	17.0	17.0	17.3	17.4	23.9	24.7	12.4	10.8	13.4	14.4	8.1	10.2	16.0	18.7	24.6	18.1	13.9	23.5	23.8	10.5	---	**16.4**	**24.7**	**8.1**
18	9.8	9.4	17.0	14.7	22.5	25.5	7.8	23.5	8.2	4.9	19.9	27.0	4.3	10.4	5.2	8.1	9.0	5.7	13.0	6.1	6.3	8.2	10.0	---	**12.0**	**27.0**	**4.3**
19	24.4	20.0	20.6	27.9	26.2	27.9	32.3	24.4	33.6	17.8	18.0	16.8	17.4	23.1	12.7	18.7	20.8	17.5	17.1	8.9	12.6	17.9	15.1	---	**20.5**	**33.6**	**8.9**
20	42.9	7.1	22.9	22.1	31.8	23.5	25.6	24.2	20.7	13.6	8.9	18.7	3.7	4.2	3.9	7.1	6.1	18.1	9.7	11.0	11.9	16.5	12.8	---	**16.0**	**42.9**	**3.7**
21	19.3	21.4	18.0	15.2	9.8	7.0	25.0	7.8	3.6	4.6	18.3	22.1	17.4	6.4	3.4	3.9	3.7	4.1	4.1	3.7	4.8	5.7	11.0	---	**10.4**	**25.0**	**3.4**
22	4.5	4.9	28.1	20.0	13.4	9.3	17.0	9.1	23.9	4.5	5.0	17.1	4.8	5.4	5.1	6.7	8.7	5.9	11.3	5.3	14.0	15.7	10.7	---	**10.9**	**28.1**	**4.5**
23	9.2	11.6	11.4	11.7	14.1	14.2	17.7	20.2	27.6	32.1	29.1	20.7	15.4	15.9	30.2	15.6	14.4	19.1	13.5	11.4	6.0	6.7	13.7	---	**16.6**	**32.1**	**6.0**
24	8.3	11.7	10.3	12.0	9.2	10.5	10.6	14.9	18.4	19.0	17.1	12.9	13.5	9.0	9.4	17.8	41.1	11.2	4.4	16.2	23.8	30.9	14.5	---	**15.1**	**41.1**	**4.4**
25	9.1	26.4	31.2	67.4	20.2	19.4	24.5	24.9	15.2	14.0	10.3	8.4	7.5	7.4	5.9	7.4	5.3	12.8	7.0	16.2	9.0	9.7	9.4	---	**16.0**	**67.4**	**5.3**
26	6.1	10.4	6.3	9.6	6.6	6.6	6.3	5.8	6.5	5.5	5.6	9.5	7.0	6.3	6.2	21.4	9.3	13.6	22.9	21.9	4.7	14.4	12.9	---	**9.8**	**22.9**	**4.7**
27	11.1	13.7	8.6	5.3	3.6	3.9	3.8	11.9	22.7	7.0	6.5	---	---	3.3	4.7	6.7	12.7	3.7	17.8	14.1	8.2	10.1	18.9	10.5	**9.5**	**22.7**	**3.3**
28	---	14.6	16.2	14.2	12.2	16.7	25.8	25.8	16.0	41.1	23.3	26.7	26.0	45.2	23.4	24.8	25.6	22.7	21.7	37.0	33.0	27.9	15.9	17.6	**24.1**	**45.2**	**12.2**
29	---	18.0	19.3	21.5	26.1	22.9	22.6	26.9	22.0	22.6	14.1	17.1	9.6	6.3	5.5	11.2	6.0	5.9	16.3	6.7	7.6	7.5	10.6	4.7	**14.4**	**26.9**	**4.7**
30	---	8.9	14.7	10.4	8.6	9.1	12.2	23.3	39.4	14.0	14.0	16.1	15.0	18.9	17.5	5.4	10.4	11.5	8.8	7.1	11.7	7.8	5.5	10.0	**13.1**	**39.4**	**5.4**
MEAN	**15.2**	**17.7**	**21.4**	**20.7**	**21.8**	**21.4**	**20.3**	**20.4**	**19.8**	**15.3**	**13.7**	**17.4**	**13.1**	**11.5**	**9.6**	**11.4**	**13.2**	**12.3**	**13.9**	**17.7**	**15.5**	**15.1**	**14.6**	**---**	**16.2**		
MAX	**42.9**	**66.5**	**111.9**	**67.4**	**68.3**	**93.8**	**59.3**	**46.7**	**44.8**	**41.1**	**36.5**	**50.7**	**43.3**	**45.2**	**30.2**	**28.4**	**41.1**	**36.7**	**37.2**	**75.1**	**44.8**	**48.1**	**33.5**	**18.1**		**111.9**	
MIN	**4.5**	**4.9**	**6.3**	**5.3**	**3.6**	**3.9**	**3.8**	**5.8**	**3.6**	**4.5**	**4.1**	**3.9**	**3.7**	**3.3**	**3.4**	**3.8**	**3.7**	**3.7**	**4.1**	**3.7**	**4.7**	**5.3**	**5.5**	**4.7**			**3.3**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 685 DATA RECOVERY RATE = 95.1%

MONTHLY MEAN = 16.2 ppb

MAXIMUM DOWNWIND2 THC PAMS = 111.9 ppb DATE OF OCCURRENCE = 4/1 AT 0300 MAXIMUM DAILY MEAN = 39.2 ppb DATE OF OCCURRENCE = 4/7

MINIMUM DOWNWIND2 THC PAMS = 3.3 ppb DATE OF OCCURRENCE = 4/27 AT 1400 MINUMUM DAILY MEAN = 9.5 ppb DATE OF OCCURRENCE = 4/27

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

HarmonCreek

DOWNWIND2 THC PAMS in ppb for MAY, 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	---	11.1	12.2	7.9	13.3	9.7	11.5	9.7	8.2	6.3	6.3	6.0	13.0	6.4	21.4	6.7	6.4	5.1	5.4	7.9	22.7	14.0	11.3	28.1	**10.9**	**28.1**	**5.1**
2	---	14.7	21.2	21.7	23.2	48.5	42.2	30.3	20.5	15.9	14.4	13.9	14.2	32.5	22.7	22.9	33.2	16.1	14.2	19.4	30.7	24.7	24.9	8.3	**23.0**	**48.5**	**8.3**
3	---	14.6	15.1	12.0	24.6	23.3	23.5	21.7	18.4	13.7	8.5	7.1	6.2	7.2	6.6	10.5	5.0	19.8	17.9	13.9	15.6	8.5	9.4	13.6	**13.8**	**24.6**	**5.0**
4	---	9.5	7.5	6.3	36.4	7.6	21.2	7.1	18.7	17.7	5.9	5.3	4.9	5.5	17.3	5.8	15.0	5.4	3.8	20.0	6.8	8.4	24.8	12.8	**11.9**	**36.4**	**3.8**
5	---	12.0	11.1	15.9	18.1	15.0	9.7	7.0	---	---	---	---	8.4	9.7	9.8	12.3	12.0	11.3	10.6	18.7	13.9	9.9	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**14.7**	**21.2**	**21.7**	**36.4**	**48.5**	**42.2**	**30.3**	**20.5**	**17.7**	**14.4**	**13.9**	**14.2**	**32.5**	**22.7**	**22.9**	**33.2**	**19.8**	**17.9**	**20.0**	**30.7**	**24.7**	**24.9**	**28.1**		**48.5**	
MIN	---	**9.5**	**7.5**	**6.3**	**13.3**	**7.6**	**9.7**	**7.0**	**8.2**	**6.3**	**5.9**	**5.3**	**4.9**	**5.5**	**6.6**	**5.8**	**5.0**	**5.1**	**3.8**	**7.9**	**6.8**	**8.4**	**9.4**	**8.3**			**3.8**

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 109 DATA RECOVERY RATE = 14.7%

MONTHLY MEAN = 14.5 ppb

MAXIMUM DOWNWIND2 THC PAMS = 48.5 ppb DATE OF OCCURRENCE = 5/2 AT 0600 MAXIMUM DAILY MEAN = 23.0 ppb DATE OF OCCURRENCE = 5/2

MINIMUM DOWNWIND2 THC PAMS = 3.8 ppb DATE OF OCCURRENCE = 5/4 AT 1900 MINUMUM DAILY MEAN = 10.9 ppb DATE OF OCCURRENCE = 5/1

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

HarmonCreek

DOWNWIND2 THC PAMS in ppb for JUNE, 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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	21.4	16.2	12.6	9.5	7.8	8.8	6.8	14.7	7.6	8.0	11.1	10.8	24.2	23.3	22.5	30.0	68.2	---	---	---
13	---	19.2	23.9	24.8	21.1	12.7	23.8	11.0	25.7	15.0	11.6	9.9	36.1	8.7	8.3	7.0	18.9	14.1	18.2	44.1	38.0	7.6	47.9	13.7	**20.1**	**47.9**	**7.0**
14	---	33.0	29.4	12.6	11.7	10.5	8.7	8.1	7.8	7.8	7.1	6.2	6.5	6.0	6.5	6.3	7.2	10.3	10.5	9.0	9.3	9.7	9.4	8.8	**10.5**	**33.0**	**6.0**
15	---	10.4	15.6	9.7	15.1	11.2	11.8	13.1	13.8	11.0	9.0	7.0	6.0	6.4	7.9	6.9	8.4	9.0	7.7	8.1	23.7	23.9	47.9	23.8	**13.4**	**47.9**	**6.0**
16	---	35.9	33.1	47.1	40.7	87.0	107.0	31.3	17.0	9.8	7.7	9.4	7.6	6.9	6.6	6.4	6.6	6.4	7.0	80.1	20.7	21.7	36.8	26.1	**28.6**	**107.0**	**6.4**
17	---	37.8	34.4	39.3	38.0	34.7	37.5	20.9	11.5	9.8	10.1	7.8	8.4	7.1	7.4	7.9	7.1	6.4	6.9	6.0	5.9	6.1	12.5	12.8	**16.4**	**39.3**	**5.9**
18	---	15.6	21.8	46.7	20.3	11.3	10.4	9.5	10.1	8.8	6.9	6.1	5.1	5.4	4.9	5.7	8.0	6.8	8.3	15.0	9.9	19.3	15.9	18.9	**12.6**	**46.7**	**4.9**
19	---	41.0	30.8	25.3	25.6	28.3	38.4	42.7	58.5	32.9	25.3	20.6	19.8	19.5	17.4	19.6	16.6	21.5	28.7	25.4	29.3	39.6	36.2	38.1	**29.6**	**58.5**	**16.6**
20	---	94.4	55.2	57.0	79.2	75.5	57.0	42.5	32.1	24.2	19.2	17.1	16.3	12.1	11.6	9.3	10.0	11.0	10.8	16.2	24.5	20.2	21.8	28.3	**32.4**	**94.4**	**9.3**
21	---	63.6	36.6	35.3	39.2	47.5	63.9	64.5	47.8	31.4	17.9	19.1	19.6	15.2	12.6	10.5	11.5	18.5	19.2	20.3	34.1	33.3	42.0	22.3	**31.6**	**64.5**	**10.5**
22	---	23.4	37.4	20.6	19.1	29.4	31.0	26.9	38.8	41.8	40.2	37.4	36.4	22.7	11.2	5.0	8.0	---	---	9.7	11.5	27.8	27.2	33.4	**25.7**	**41.8**	**5.0**
23	35.5	---	47.5	59.1	59.7	58.0	50.2	43.3	38.7	36.4	28.0	25.7	22.5	18.1	18.6	16.3	16.6	12.1	10.0	13.6	6.1	7.6	7.9	12.3	**28.0**	**59.7**	**6.1**
24	---	---	13.9	13.5	16.0	15.5	13.4	10.2	8.2	7.8	7.5	8.1	89.2	7.2	6.6	7.1	7.2	5.7	8.7	10.3	10.2	17.1	14.7	19.7	**14.4**	**89.2**	**5.7**
25	---	---	33.4	34.5	31.0	48.7	79.3	34.2	20.4	14.9	15.4	9.5	6.8	8.8	7.3	6.8	9.7	6.7	9.9	13.7	19.0	22.4	23.0	35.6	**22.3**	**79.3**	**6.7**
26	---	33.9	33.6	53.5	34.1	40.4	34.4	31.5	23.3	16.8	12.4	9.4	8.5	7.3	7.1	6.8	10.4	10.1	10.1	10.2	8.7	8.1	10.2	11.9	**18.8**	**53.5**	**6.8**
27	---	17.3	15.2	13.9	14.5	12.7	11.2	10.8	10.4	8.5	7.4	7.4	7.8	7.5	8.0	8.1	8.5	11.7	14.8	15.3	17.2	20.1	24.5	29.3	**13.1**	**29.3**	**7.4**
28	---	35.0	31.5	25.6	19.3	16.7	15.3	14.9	13.8	11.2	10.8	9.8	8.6	9.3	8.7	9.3	9.8	9.2	16.8	81.3	38.3	47.4	26.4	31.5	**21.8**	**81.3**	**8.6**
29	---	29.7	33.7	32.4	34.3	31.0	45.7	36.2	138.8	145.9	15.9	5.0	6.7	5.6	6.3	6.7	6.2	7.7	8.1	36.7	14.5	30.5	24.6	19.0	**31.4**	**145.9**	**5.0**
30	---	30.9	37.1	31.3	36.8	36.4	25.7	26.7	12.4	13.5	6.6	5.0	13.8	5.6	6.3	8.0	9.3	6.1	6.4	39.2	21.1	16.0	22.7	14.2	**18.7**	**39.2**	**5.0**
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MAX	---	**94.4**	**55.2**	**59.1**	**79.2**	**87.0**	**107.0**	**64.5**	**138.8**	**145.9**	**40.2**	**37.4**	**89.2**	**22.7**	**18.6**	**19.6**	**18.9**	**21.5**	**28.7**	**81.3**	**38.3**	**47.4**	**47.9**	**68.2**		**145.9**	
MIN	---	**10.4**	**13.9**	**9.7**	**11.7**	**10.5**	**8.7**	**8.1**	**7.8**	**7.8**	**6.6**	**5.0**	**5.1**	**5.4**	**4.9**	**5.0**	**6.2**	**5.7**	**6.4**	**6.0**	**5.9**	**6.1**	**7.9**	**8.8**			**4.9**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 427 DATA RECOVERY RATE = 59.3%

MONTHLY MEAN = 21.5 ppb

MAXIMUM DOWNWIND2 THC PAMS = 145.9 ppb DATE OF OCCURRENCE = 6/29 AT 1000 MAXIMUM DAILY MEAN = 32.4 ppb DATE OF OCCURRENCE = 6/20

MINIMUM DOWNWIND2 THC PAMS = 4.9 ppb DATE OF OCCURRENCE = 6/18 AT 1500 MINUMUM DAILY MEAN = 10.5 ppb DATE OF OCCURRENCE = 6/14

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

APPENDIX C. HOURLY WIND INFORMATION FOR APRIL THROUGH JUNE 2020

HarmonCreek

Wind Speed and Direction in mps for April, 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	044/02.1	011/01.5	004/02.1	014/02.4	035/02.4	024/01.8	003/02.1	352/01.9	336/01.8	327/01.7	295/02.5	315/02.6	304/02.9
2	262/01.5	279/02.5	287/02.6	281/02.3	271/01.8	265/01.5	278/01.4	298/02.2	291/03.1	298/04.3	313/06.3	300/07.1	297/06.5
3	293/03.4	314/02.3	285/02.0	242/01.5	243/01.5	230/01.9	217/01.9	244/01.5	295/03.9	290/03.9	296/05.2	301/06.5	292/05.8
4	257/00.6	271/00.7	226/01.0	222/01.2	206/01.0	205/01.2	205/01.1	306/00.3	356/01.5	003/01.4	017/01.9	051/01.5	235/01.6
5	165/00.4	134/00.8	179/00.3	002/00.4	051/00.4	324/01.2	184/00.8	269/00.4	330/00.9	021/01.4	287/02.7	282/04.0	272/03.8
6	016/01.9	344/01.7	324/00.8	289/00.6	276/00.7	024/00.6	023/01.4	035/01.1	016/01.0	021/01.4	052/01.7	100/01.5	069/01.7
7	296/00.6	210/00.7	220/01.0	226/02.4	221/02.0	208/01.9	203/01.5	224/01.9	213/01.8	241/02.0	203/02.4	187/02.7	195/03.7
8	331/07.4	326/03.1	285/03.1	254/05.2	241/02.3	208/01.4	185/00.7	203/01.6	234/02.4	249/03.6	268/04.0	286/03.5	282/03.9
9	243/04.6	186/10.1	211/02.7	241/03.8	244/06.5	252/08.2	265/07.3	270/07.2	280/08.4	298/06.2	299/06.1	287/05.8	278/06.9
10	265/06.1	270/06.2	276/06.5	276/06.8	261/06.5	267/06.9	280/06.0	273/06.7	278/07.8	285/08.9	284/09.2	285/08.7	274/08.4
11	242/02.8	254/02.8	248/03.7	250/03.9	246/03.4	241/03.6	242/03.5	252/03.9	272/04.1	276/04.1	283/04.9	261/04.2	243/05.6
12	152/01.6	144/01.3	117/02.3	129/01.5	135/01.5	182/01.1	119/02.7	128/00.2	093/01.6	175/02.2	186/03.4	193/05.5	225/07.0
13	158/06.8	149/06.6	134/04.8	108/03.0	184/00.6	185/02.8	172/02.6	180/03.1	205/03.6	245/04.8	250/06.2	263/08.9	261/08.8
14	239/04.4	236/03.8	245/04.2	245/03.0	262/02.4	259/01.7	276/02.4	291/02.9	317/02.3	305/02.2	281/03.6	270/03.1	251/04.0
15	234/02.2	240/02.3	232/02.3	227/02.0	222/02.1	208/01.9	205/01.5	229/02.3	249/04.1	259/04.2	264/05.0	253/04.4	227/05.1
16	269/02.3	259/03.3	263/03.8	261/04.0	260/04.6	260/04.2	257/04.6	267/05.5	262/05.9	268/07.2	268/07.0	271/07.1	262/07.7
17	001/00.4	214/00.7	201/01.2	216/01.1	203/00.8	186/01.3	189/01.4	161/01.0	144/02.1	117/02.9	139/04.1	116/03.8	113/03.5
18	303/02.7	301/03.1	318/04.0	306/03.9	312/03.3	321/03.2	303/03.1	310/03.3	303/03.7	303/04.0	300/03.8	286/03.9	275/04.2
19	219/03.8	219/03.5	217/03.2	218/03.1	215/03.1	217/03.6	216/03.7	227/05.2	225/04.9	229/05.7	229/06.4	224/05.3	215/05.7
20	360/03.8	008/04.5	017/04.2	021/03.2	027/03.4	012/03.8	003/03.3	360/03.0	355/02.7	349/01.9	028/01.8	291/03.1	293/03.9
21	196/02.4	211/03.4	211/03.7	223/04.8	236/07.2	255/06.9	259/04.8	281/06.4	277/08.3	274/07.9	277/09.7	279/10.6	275/11.1
22	269/04.3	268/03.6	262/03.2	255/02.9	245/03.6	242/03.5	240/02.9	264/04.3	268/05.9	279/05.2	265/05.6	272/05.3	270/05.8
23	090/03.2	074/02.7	074/02.1	089/02.1	075/02.6	108/02.3	095/02.2	072/02.0	067/01.6	219/01.7	212/03.6	243/04.5	243/03.4
24	047/02.7	046/02.8	047/03.0	025/02.9	024/02.8	016/02.7	009/02.7	001/03.3	001/03.6	352/03.7	353/03.8	352/03.8	354/02.6
25	018/03.2	033/01.1	320/00.8	223/01.1	023/01.0	354/00.9	260/00.6	337/00.8	033/01.1	111/01.5	100/02.1	076/03.1	084/02.9
26	094/04.6	090/03.7	084/03.3	084/03.3	105/04.2	099/04.2	089/03.8	093/04.2	090/04.1	082/04.5	079/05.1	059/04.3	047/04.7
27	336/04.1	336/04.0	332/04.0	324/02.6	308/02.5	299/02.3	301/02.2	318/03.4	346/03.6	001/04.3	325/04.0	328/04.2	327/04.8
28	149/02.1	099/02.4	091/02.8	151/02.4	166/02.0	160/03.7	145/04.6	148/03.8	153/03.7	162/03.4	185/02.4	176/02.5	203/02.6
29	113/03.6	108/03.8	101/03.5	105/04.4	145/02.6	150/02.9	154/04.0	154/04.9	163/04.2	144/04.8	144/06.0	152/06.0	132/06.1
30	211/03.4	145/03.8	144/04.5	137/05.5	164/03.7	196/02.1	182/02.6	164/02.7	185/03.2	198/03.6	199/03.9	184/04.1	177/05.7
MEAN	**264/03.1**	**251/03.1**	**249/02.9**	**243/02.9**	**233/02.7**	**236/02.8**	**227/02.8**	**264/03.0**	**289/03.6**	**282/03.8**	**272/04.5**	**268/04.7**	**259/05.0**
MAX	**331/07.4**	**186/10.1**	**276/06.5**	**276/06.8**	**236/07.2**	**252/08.2**	**265/07.3**	**270/07.2**	**280/08.4**	**285/08.9**	**277/09.7**	**279/10.6**	**275/11.1**
MIN	**165/00.4**	**214/00.7**	**179/00.3**	**002/00.4**	**051/00.4**	**024/00.6**	**260/00.6**	**128/00.2**	**330/00.9**	**003/01.4**	**052/01.7**	**051/01.5**	**235/01.6**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for April, 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	343/03.3	338/02.4	317/04.5	319/05.4	311/05.4	324/05.0	318/03.3	314/02.0	287/01.0	272/01.0	271/01.4	**333/02.6**	**319/05.4**	**287/01.0**
2	298/06.4	298/06.6	296/06.9	304/06.5	297/05.5	295/05.1	292/04.1	289/03.3	279/03.3	277/03.4	280/03.3	**289/04.1**	**300/07.1**	**278/01.4**
3	291/06.1	288/06.9	291/06.7	295/05.6	292/05.8	300/03.9	325/04.0	334/02.9	003/02.5	011/03.0	328/01.1	**293/03.7**	**288/06.9**	**328/01.1**
4	272/02.3	324/02.3	293/03.0	352/02.3	010/02.4	070/02.6	115/03.5	119/02.8	126/02.4	131/02.0	151/00.8	**265/01.7**	**115/03.5**	**306/00.3**
5	298/03.7	307/03.7	314/03.0	286/02.7	318/02.9	324/02.2	339/03.0	318/01.8	324/02.5	360/02.9	356/02.3	**315/02.0**	**282/04.0**	**179/00.3**
6	079/01.7	137/02.1	174/01.7	204/01.7	221/01.9	179/01.8	224/00.7	206/00.8	190/01.3	212/01.2	284/00.4	**005/01.3**	**137/02.1**	**284/00.4**
7	232/03.1	235/03.3	229/03.0	226/02.6	209/02.4	167/02.1	164/01.8	166/01.0	178/01.4	219/04.0	240/06.6	**213/02.3**	**240/06.6**	**296/00.6**
8	283/05.4	291/05.2	290/05.9	312/04.4	329/03.4	335/02.6	023/01.6	197/00.8	095/01.2	114/01.3	110/02.2	**272/03.2**	**331/07.4**	**185/00.7**
9	277/07.3	268/08.4	271/07.7	261/05.7	266/08.0	259/08.5	263/06.4	280/08.9	273/08.9	271/08.3	271/07.0	**264/07.0**	**186/10.1**	**211/02.7**
10	275/08.5	278/08.2	284/07.2	283/06.9	277/07.7	270/07.0	266/06.5	264/04.7	255/04.4	243/03.8	243/02.8	**271/06.8**	**284/09.2**	**243/02.8**
11	246/05.0	270/04.8	265/05.1	249/05.0	235/05.0	231/04.0	225/02.9	206/01.8	177/01.4	145/01.6	156/01.7	**241/03.7**	**243/05.6**	**177/01.4**
12	216/05.2	217/03.6	187/03.2	127/03.1	102/03.0	098/03.9	151/04.5	164/06.1	131/05.1	123/06.2	136/05.7	**150/03.4**	**225/07.0**	**128/00.2**
13	261/11.3	264/10.1	265/09.9	268/08.3	268/08.7	262/06.8	254/06.1	251/05.3	244/03.7	240/04.9	240/04.9	**227/05.9**	**261/11.3**	**184/00.6**
14	250/03.4	250/04.1	254/04.1	240/05.2	244/05.9	248/05.0	248/04.1	249/04.7	262/05.4	254/03.3	242/02.5	**258/03.7**	**244/05.9**	**259/01.7**
15	239/05.8	223/06.0	225/06.8	245/08.5	270/06.5	263/05.8	264/06.2	264/04.1	275/04.5	284/04.4	278/03.5	**245/04.2**	**245/08.5**	**205/01.5**
16	263/07.0	269/06.8	260/07.3	266/07.4	271/06.6	264/05.9	266/03.7	265/02.7	258/01.9	228/01.3	220/01.0	**261/04.9**	**262/07.7**	**220/01.0**
17	110/03.5	182/02.6	222/02.2	230/03.6	236/02.3	226/04.2	247/04.6	261/04.0	258/03.4	250/02.1	294/03.1	**200/02.5**	**247/04.6**	**001/00.4**
18	274/04.8	267/05.4	280/04.8	271/04.8	250/04.8	251/03.9	237/03.3	234/03.7	228/03.4	213/03.2	210/03.3	**279/03.8**	**267/05.4**	**303/02.7**
19	215/05.4	219/05.0	224/03.8	222/03.4	230/03.9	237/04.1	219/02.9	213/01.7	231/01.7	257/01.4	256/01.8	**225/03.8**	**229/06.4**	**257/01.4**
20	303/03.4	267/04.1	264/04.1	256/05.3	263/05.4	258/03.8	250/01.1	218/01.1	208/01.6	189/01.7	184/02.5	**311/03.2**	**263/05.4**	**218/01.1**
21	280/09.8	280/10.2	274/11.3	276/09.4	279/08.5	276/08.3	291/05.4	290/05.7	288/05.0	275/04.2	268/04.1	**265/07.1**	**274/11.3**	**196/02.4**
22	264/06.8	268/06.3	272/05.3	261/04.1	286/01.9	335/00.8	034/02.6	057/03.2	069/03.3	087/03.4	092/02.7	**273/04.0**	**264/06.8**	**335/00.8**
23	221/03.0	341/01.8	060/02.2	070/02.5	062/02.7	100/03.3	089/03.4	085/03.5	072/03.0	064/03.6	056/02.7	**084/02.7**	**243/04.5**	**067/01.6**
24	008/03.2	018/03.4	346/03.3	315/04.3	303/04.0	308/02.5	307/02.1	310/01.8	340/02.3	352/02.9	017/03.1	**357/03.1**	**315/04.3**	**310/01.8**
25	102/04.5	143/02.8	114/02.7	083/03.8	083/03.6	097/04.9	171/05.5	141/03.5	132/03.5	111/04.5	111/04.7	**087/02.7**	**171/05.5**	**260/00.6**
26	040/05.3	033/05.1	006/05.4	007/05.4	007/04.8	004/04.4	007/04.6	023/05.6	003/04.3	343/04.3	338/04.0	**050/04.5**	**023/05.6**	**084/03.3**
27	320/05.0	298/04.4	299/04.7	310/03.8	281/03.8	291/02.0	308/01.0	159/00.3	211/00.6	237/00.3	260/00.5	**308/03.0**	**320/05.0**	**237/00.3**
28	219/03.1	207/03.0	182/02.8	177/01.6	139/02.2	118/03.0	116/03.7	116/03.9	086/03.1	096/03.0	112/03.3	**148/03.0**	**145/04.6**	**177/01.6**
29	120/07.6	123/07.4	122/08.1	126/06.9	138/05.4	116/03.0	137/06.7	127/04.7	218/04.1	260/04.5	242/03.3	**140/04.9**	**122/08.1**	**145/02.6**
30	224/06.0	249/05.2	239/05.6	253/04.3	260/05.5	251/03.3	250/03.9	258/04.4	252/03.2	246/02.8	239/02.9	**210/04.0**	**224/06.0**	**196/02.1**
MEAN	**266/05.2**	**267/05.0**	**265/05.1**	**268/04.8**	**272/04.7**	**269/04.1**	**260/03.8**	**236/03.4**	**240/03.1**	**239/03.2**	**246/03.0**	**258/03.8**		
MAX	**261/11.3**	**280/10.2**	**274/11.3**	**276/09.4**	**268/08.7**	**259/08.5**	**137/06.7**	**280/08.9**	**273/08.9**	**271/08.3**	**271/07.0**		**274/11.3**	
MIN	**079/01.7**	**341/01.8**	**174/01.7**	**177/01.6**	**286/01.9**	**335/00.8**	**224/00.7**	**159/00.3**	**211/00.6**	**237/00.3**	**284/00.4**			**128/00.2**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 258/03.8 MAXIMUM WIND SPEED = 11.3 AT 274 DEGREES DATE OF OCCURRENCE = 4/21 AT 1600

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

HarmonCreek

Wind Speed and Direction in mps for May, 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	236/02.5	231/01.8	247/01.9	258/01.8	245/01.0	245/01.8	247/01.3	291/01.8	311/02.4	307/02.7	288/04.2	288/05.2	284/05.1
2	212/01.2	203/00.8	212/01.3	198/01.2	205/00.7	207/01.7	190/01.9	180/01.8	218/02.3	219/04.6	203/03.9	198/04.1	188/04.6
3	251/05.4	253/04.2	297/02.4	259/01.7	270/01.2	209/01.9	193/01.6	217/02.2	232/04.2	241/03.8	242/04.1	256/05.3	253/04.7
4	290/04.6	282/04.2	278/03.8	270/03.3	280/03.7	295/04.2	306/03.5	304/04.9	309/05.1	299/05.4	312/04.5	304/04.1	311/04.9
5	348/01.9	009/01.6	044/02.1	048/01.8	025/01.7	026/01.4	035/02.3	056/03.8	060/03.6	062/03.9	090/04.0	070/03.7	064/03.2
6	327/01.5	304/02.0	298/02.9	342/03.6	321/02.9	300/02.4	304/02.5	316/03.0	310/02.8	314/02.7	318/03.1	317/03.3	314/03.0
7	201/01.9	203/01.6	204/01.6	210/01.8	211/01.7	207/01.6	212/02.2	230/02.8	240/03.2	248/05.0	256/06.2	245/07.4	245/08.2
8	318/01.3	031/01.6	024/00.9	007/01.3	010/01.1	046/01.8	060/02.8	088/03.2	139/03.8	208/01.5	173/00.8	259/02.8	258/03.2
9	282/02.1	274/02.0	264/02.0	258/02.0	234/01.7	240/01.7	239/02.4	256/03.2	255/05.2	282/06.6	280/08.4	280/08.0	284/08.7
10	209/02.8	201/02.5	217/03.5	219/03.9	221/03.3	223/03.6	224/03.7	229/04.8	226/05.7	238/05.1	236/06.0	243/06.1	237/05.3
11	213/02.6	236/04.5	242/05.7	244/05.2	249/06.1	248/05.7	265/06.7	277/05.6	276/05.7	274/06.1	267/06.0	267/05.7	269/04.6
12	248/02.7	246/03.3	248/02.9	247/03.3	253/03.8	254/03.4	268/03.9	290/04.0	298/03.9	266/04.1	259/04.8	264/05.6	263/06.4
13	234/02.9	256/02.1	214/01.5	210/01.3	207/01.5	205/01.4	220/01.2	311/01.2	027/01.0	305/01.9	267/04.1	272/05.2	282/04.2
14	243/00.2	212/01.1	100/01.6	075/00.6	110/00.9	132/00.9	148/01.5	188/02.0	191/01.5	198/02.1	189/03.1	207/03.1	193/03.0
15	218/02.3	210/02.1	209/02.4	248/01.3	155/02.0	193/01.8	215/04.0	227/04.9	236/06.9	239/06.9	243/07.8	243/09.4	238/09.1
16	309/00.9	343/01.1	311/00.8	324/01.2	312/00.7	012/01.1	300/00.6	269/00.9	071/02.9	077/02.0	069/01.9	086/02.2	088/02.8
17	082/03.4	079/03.9	080/03.3	078/04.0	080/03.7	079/03.6	072/03.2	064/02.4	094/03.1	107/03.1	105/02.2	144/03.6	139/03.1
18	113/03.9	110/03.8	112/04.0	114/03.8	108/03.4	114/03.6	108/03.4	108/03.9	117/03.6	109/04.1	103/05.0	102/04.4	102/04.4
19	121/05.6	107/06.1	104/05.3	085/03.7	085/02.8	093/02.9	089/03.4	095/04.4	103/04.0	099/05.7	095/06.0	098/06.7	103/07.9
20	109/09.0	106/08.1	112/07.3	111/06.3	116/04.6	117/03.7	101/03.4	101/04.7	091/05.1	085/06.2	085/06.3	085/06.6	086/06.4
21	080/04.0	081/04.2	080/03.9	075/03.9	073/03.8	072/03.9	078/04.5	092/05.3	105/05.8	111/05.7	105/05.5	111/05.4	115/05.1
22	027/00.4	055/01.5	058/01.5	059/01.9	088/02.1	126/02.2	088/01.6	070/01.8	106/01.8	100/01.8	122/02.3	125/01.5	245/00.8
23	236/00.6	252/00.5	041/00.9	220/00.8	320/01.3	091/01.1	232/00.5	032/01.3	245/01.6	257/01.2	041/01.0	288/02.2	301/02.3
24	119/01.2	181/00.7	153/00.8	085/01.0	082/01.3	106/01.8	109/00.9	128/02.2	138/02.9	155/02.7	156/03.6	156/03.2	155/03.1
25	135/02.4	106/02.2	101/02.8	108/03.4	107/02.7	110/03.0	131/01.8	211/01.2	176/01.9	154/01.8	139/01.5	146/01.1	120/01.9
26	124/01.7	136/00.6	114/01.2	134/00.7	094/01.6	137/00.7	168/00.8	170/01.8	209/01.6	153/02.0	118/02.6	090/03.5	099/04.6
27	107/03.1	123/02.1	112/01.1	129/01.7	101/02.0	110/02.8	127/01.9	120/03.1	133/03.9	147/03.5	136/03.6	145/03.1	116/04.2
28	130/02.5	116/01.8	080/01.5	019/01.0	042/02.1	046/03.0	054/03.8	076/03.9	126/02.6	191/03.7	219/05.1	230/05.5	226/04.9
29	204/02.0	168/02.3	207/01.4	200/01.6	190/01.9	197/02.0	220/03.2	220/03.5	228/03.3	213/04.5	219/05.5	229/06.2	218/05.6
30	284/01.0	230/01.1	214/01.2	227/01.0	236/01.2	206/00.6	239/01.0	224/01.4	236/01.8	246/02.2	257/03.3	275/04.1	268/04.3
31	287/00.7	345/00.5	349/00.8	360/01.1	331/00.9	280/00.8	331/01.2	356/02.3	344/03.4	316/03.2	315/03.7	321/04.0	301/03.6
MEAN	**217/02.5**	**195/02.4**	**159/02.4**	**180/02.3**	**155/02.2**	**159/02.3**	**184/02.5**	**196/03.0**	**192/03.4**	**212/03.7**	**198/04.2**	**225/04.6**	**228/04.6**
MAX	**109/09.0**	**106/08.1**	**112/07.3**	**111/06.3**	**249/06.1**	**248/05.7**	**265/06.7**	**277/05.6**	**236/06.9**	**239/06.9**	**280/08.4**	**243/09.4**	**238/09.1**
MIN	**243/00.2**	**345/00.5**	**153/00.8**	**075/00.6**	**205/00.7**	**206/00.6**	**232/00.5**	**269/00.9**	**027/01.0**	**257/01.2**	**173/00.8**	**146/01.1**	**245/00.8**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for May, 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	288/05.9	289/05.6	289/05.5	289/04.7	292/05.3	289/04.2	278/02.0	224/01.5	209/01.4	204/01.0	220/01.3	**265/03.0**	**288/05.9**	**204/01.0**
2	216/04.6	208/04.8	212/04.4	216/05.0	225/05.3	218/03.8	195/03.1	208/02.6	219/03.7	233/05.2	241/06.8	**209/03.3**	**241/06.8**	**205/00.7**
3	250/04.7	256/04.9	246/04.9	250/04.5	266/03.7	274/02.3	260/02.4	249/02.4	259/03.9	248/02.0	278/03.3	**251/03.4**	**251/05.4**	**270/01.2**
4	304/04.5	320/03.5	306/04.0	294/04.1	314/03.9	304/03.2	340/02.8	007/02.7	004/02.2	336/02.4	344/03.2	**309/03.9**	**299/05.4**	**004/02.2**
5	039/04.4	045/04.7	057/04.7	064/03.0	057/03.2	174/01.2	262/00.8	026/02.2	020/01.8	049/01.5	032/01.6	**045/02.7**	**057/04.7**	**262/00.8**
6	325/03.2	317/03.2	300/02.9	324/05.1	329/05.2	324/04.7	316/03.0	305/01.2	207/01.0	238/01.0	206/01.4	**307/02.8**	**329/05.2**	**207/01.0**
7	249/08.6	251/08.8	248/08.4	252/07.8	262/08.0	253/07.0	259/06.9	296/04.6	313/02.1	269/01.5	226/01.0	**241/04.6**	**251/08.8**	**226/01.0**
8	336/06.2	344/04.9	349/05.7	337/04.0	319/03.5	328/04.3	326/02.9	304/02.6	287/02.5	279/02.6	280/02.2	**332/02.8**	**336/06.2**	**173/00.8**
9	282/08.0	282/06.8	269/06.9	263/06.9	260/05.4	248/04.7	240/04.0	227/03.7	227/03.7	225/04.2	222/03.7	**257/04.7**	**284/08.7**	**234/01.7**
10	228/04.3	218/04.6	243/06.7	243/06.4	220/04.5	218/03.7	266/07.4	247/04.1	240/04.0	238/04.6	210/02.6	**229/04.6**	**266/07.4**	**201/02.5**
11	263/05.9	257/05.5	272/05.7	280/05.1	282/04.3	277/03.6	270/03.0	256/03.6	261/03.4	254/03.5	247/03.0	**260/04.9**	**265/06.7**	**213/02.6**
12	265/06.4	266/07.4	256/08.0	258/05.9	261/06.5	258/05.7	253/03.7	233/03.2	230/03.6	231/03.2	230/03.4	**256/04.5**	**256/08.0**	**248/02.7**
13	257/03.9	284/03.8	280/02.9	302/02.5	266/02.4	292/01.5	028/01.8	038/01.7	067/01.6	002/00.2	205/00.6	**272/02.2**	**272/05.2**	**002/00.2**
14	205/03.3	222/02.8	232/04.0	241/06.2	226/04.0	216/03.6	226/03.1	236/05.4	239/04.2	245/03.9	223/03.4	**203/02.7**	**241/06.2**	**243/00.2**
15	233/07.6	235/07.3	243/07.9	233/06.2	239/06.4	246/05.2	241/03.5	233/03.5	268/03.8	291/01.4	268/00.8	**234/04.8**	**243/09.4**	**268/00.8**
16	069/04.0	085/03.7	106/03.3	110/03.5	095/02.9	072/02.7	076/02.4	070/02.6	066/02.8	064/02.6	069/01.8	**053/02.1**	**069/04.0**	**300/00.6**
17	129/02.5	116/04.9	108/05.2	094/05.5	106/04.6	115/04.8	109/04.3	109/04.3	113/04.1	110/03.8	110/04.2	**101/03.8**	**094/05.5**	**105/02.2**
18	099/04.6	096/05.6	105/06.9	095/07.1	088/05.7	087/04.9	114/06.2	106/05.6	092/04.6	094/04.0	107/04.3	**104/04.6**	**095/07.1**	**108/03.4**
19	104/07.1	095/07.4	097/06.7	101/06.1	091/06.1	096/05.4	126/04.5	107/06.3	106/06.7	116/04.9	115/06.9	**101/05.5**	**103/07.9**	**085/02.8**
20	080/07.0	094/07.1	092/06.6	100/06.3	083/05.9	074/05.3	075/04.4	078/03.4	089/03.6	083/03.3	084/03.9	**093/05.6**	**109/09.0**	**083/03.3**
21	129/05.2	119/05.4	131/05.7	133/05.0	102/04.7	114/04.4	115/04.0	120/03.4	107/02.3	078/01.8	092/02.0	**101/04.4**	**105/05.8**	**078/01.8**
22	241/01.3	285/01.7	303/01.8	311/01.7	335/02.3	346/01.8	030/01.5	332/01.0	006/01.1	289/00.6	201/00.8	**038/01.5**	**122/02.3**	**027/00.4**
23	288/02.0	279/02.1	281/01.6	243/00.7	024/01.2	090/01.5	120/01.2	113/00.8	215/00.6	231/00.4	029/00.6	**276/01.2**	**301/02.3**	**231/00.4**
24	157/03.3	175/03.1	182/03.1	165/02.5	143/02.9	136/03.1	134/02.9	137/03.1	124/03.5	120/03.2	128/02.6	**139/02.4**	**156/03.6**	**181/00.7**
25	128/02.1	020/03.6	025/01.2	032/01.9	039/02.2	097/02.6	115/02.9	129/02.6	123/02.8	125/02.6	134/02.2	**116/02.3**	**020/03.6**	**146/01.1**
26	115/04.3	124/04.5	120/04.9	129/05.1	131/04.3	135/02.9	124/03.1	110/03.5	111/03.7	115/03.0	109/03.7	**127/02.8**	**129/05.1**	**136/00.6**
27	136/03.8	133/04.3	123/04.6	122/04.3	126/03.5	116/04.3	112/03.6	117/03.8	118/03.7	124/03.3	126/03.1	**123/03.3**	**123/04.6**	**112/01.1**
28	223/04.7	225/04.7	226/04.6	226/03.7	208/02.7	215/02.5	197/01.6	207/00.7	191/00.9	198/00.8	236/00.5	**187/02.9**	**230/05.5**	**236/00.5**
29	220/05.4	226/05.8	272/05.9	285/04.9	278/02.8	224/01.6	242/01.7	249/02.0	293/02.7	303/02.8	265/01.2	**231/03.3**	**229/06.2**	**265/01.2**
30	270/05.1	289/06.1	296/05.1	288/04.7	308/04.1	333/04.5	332/02.6	339/01.7	290/01.0	209/00.7	202/00.5	**261/02.5**	**289/06.1**	**202/00.5**
31	328/03.9	312/03.9	318/03.8	321/03.5	309/03.3	328/03.4	337/02.4	349/02.1	352/02.0	323/01.2	257/00.8	**324/02.4**	**321/04.0**	**345/00.5**
MEAN	**233/04.8**	**253/04.9**	**258/05.0**	**257/04.6**	**278/04.2**	**235/03.7**	**225/03.2**	**202/03.0**	**203/02.9**	**223/02.5**	**199/02.5**	**214/03.4**		
MAX	**249/08.6**	**251/08.8**	**248/08.4**	**252/07.8**	**262/08.0**	**253/07.0**	**266/07.4**	**107/06.3**	**106/06.7**	**233/05.2**	**115/06.9**		**243/09.4**	
MIN	**241/01.3**	**285/01.7**	**025/01.2**	**243/00.7**	**024/01.2**	**174/01.2**	**262/00.8**	**207/00.7**	**215/00.6**	**002/00.2**	**202/00.5**			**243/00.2**

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

MONTHLY MEAN = 214/03.4 MAXIMUM WIND SPEED = 09.4 AT 243 DEGREES DATE OF OCCURRENCE = 5/15 AT 1200

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

HarmonCreek

Wind Speed and Direction in mps for June, 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	209/01.4	219/01.0	209/01.1	220/01.0	218/01.2	210/01.1	185/00.4	222/01.3	224/01.5	234/02.5	234/02.6	243/02.9	257/03.7
2	233/01.2	216/02.0	194/01.0	138/01.0	065/01.4	163/01.3	164/01.2	196/01.7	218/03.2	216/03.3	224/04.4	237/05.2	236/04.9
3	239/05.5	238/05.0	241/04.7	247/05.0	243/05.3	241/05.7	238/05.6	245/06.5	248/06.4	244/06.5	263/05.6	244/06.0	257/06.3
4	220/01.5	169/00.8	201/00.5	151/01.8	216/00.5	191/01.3	189/01.2	205/01.7	231/01.6	212/02.3	213/02.6	196/02.8	189/03.4
5	163/01.5	196/01.3	201/02.3	219/02.5	230/02.0	228/01.2	211/01.9	229/01.7	221/01.7	224/01.7	222/01.7	247/01.5	272/01.7
6	212/02.2	216/03.4	221/03.5	222/03.0	244/02.2	247/02.2	247/01.6	298/02.2	312/02.7	305/02.4	308/03.1	289/03.9	294/03.9
7	342/01.5	323/00.8	304/01.0	270/01.2	252/00.9	320/01.3	009/02.3	017/03.1	354/01.9	355/02.0	002/03.0	357/03.4	007/02.8
8	233/00.6	321/00.3	272/00.3	345/00.7	323/00.5	340/01.0	296/00.5	287/00.6	083/02.5	108/01.6	075/02.0	008/01.8	017/01.5
9	233/00.5	255/00.6	258/00.4	156/00.4	273/00.5	252/00.3	359/00.2	032/00.2	275/00.6	227/01.0	194/01.9	178/02.5	219/02.4
10	182/02.4	189/02.9	191/03.1	203/03.5	190/02.9	200/02.8	208/03.7	206/04.1	212/04.8	217/05.2	217/05.0	214/04.4	212/04.5
11	225/04.0	227/03.6	230/03.9	227/03.9	227/04.0	231/03.3	241/03.9	249/04.9	260/05.1	277/04.0	271/04.7	260/04.8	266/04.5
12	217/01.3	204/01.3	190/01.9	196/02.0	205/01.8	332/02.2	226/02.1	229/02.1	263/03.0	295/03.4	294/04.5	294/05.7	298/05.6
13	017/01.3	040/02.4	001/02.6	357/01.3	025/01.8	028/01.9	015/02.3	007/02.2	351/01.7	020/02.7	034/02.7	028/02.0	008/02.4
14	009/02.2	017/02.3	038/02.6	044/03.1	043/03.2	048/03.0	052/04.0	054/04.0	063/04.1	072/04.3	071/04.0	064/02.8	065/03.0
15	077/03.2	070/02.8	074/03.5	075/03.0	060/02.6	057/02.6	072/03.0	073/03.8	097/03.9	102/03.9	115/03.9	116/03.6	094/03.0
16	049/00.1	204/00.5	271/00.4	329/00.3	056/00.2	027/00.2	009/00.8	034/01.4	065/02.5	089/03.0	084/04.2	070/04.4	059/04.4
17	039/00.3	356/00.2	015/01.0	016/00.7	354/00.4	010/01.1	038/02.2	048/02.1	076/04.6	078/04.1	075/03.7	076/03.4	080/03.6
18	357/01.5	005/01.8	020/01.5	001/01.4	036/01.8	054/03.0	061/03.3	073/03.9	083/04.5	081/03.8	096/03.9	105/03.7	064/03.8
19	213/01.2	212/01.2	172/00.6	205/00.4	192/00.8	186/00.3	238/00.3	204/00.6	202/01.2	211/01.2	218/01.7	244/02.4	221/01.6
20	163/01.0	213/01.0	205/01.1	116/00.7	243/00.6	337/00.7	176/00.4	040/01.0	200/00.9	042/01.2	351/01.7	244/01.6	298/01.9
21	219/00.9	219/01.0	176/00.9	069/00.2	222/00.5	172/00.7	129/01.0	191/01.2	223/01.6	199/02.3	223/02.5	245/03.0	211/02.7
22	356/02.1	285/00.5	123/00.9	124/01.2	153/00.7	259/01.9	050/02.0	062/02.0	148/01.8	187/02.4	211/04.3	213/04.6	213/05.9
23	188/01.5	173/01.7	201/01.6	184/01.8	148/01.6	144/02.2	182/01.3	185/02.8	207/03.4	204/03.8	211/05.0	218/05.4	216/06.5
24	235/02.5	232/03.0	241/03.6	241/03.5	237/02.8	223/02.5	225/02.4	229/03.7	249/05.0	244/04.9	253/04.9	262/06.0	265/05.7
25	207/01.4	205/01.1	207/01.0	204/01.1	206/00.9	191/00.9	190/01.1	222/01.5	233/03.5	237/03.7	235/04.1	262/03.8	242/04.8
26	222/03.4	216/03.3	213/03.0	216/03.0	221/03.5	212/02.6	224/02.9	222/03.4	244/03.4	262/03.9	257/04.0	248/04.8	266/05.0
27	224/03.5	228/04.1	235/05.3	231/05.0	229/04.9	232/05.5	235/06.2	236/06.5	238/05.9	236/06.1	242/05.6	236/05.7	234/05.8
28	199/02.0	201/01.9	226/03.2	241/02.8	244/03.0	246/02.9	249/02.5	244/02.4	246/02.7	247/03.3	249/04.3	253/03.3	246/03.5
29	336/00.3	345/00.4	218/01.2	211/01.0	325/00.2	212/00.7	225/01.1	273/00.5	277/01.0	298/01.2	328/01.7	294/01.7	269/02.0
30	214/01.2	078/00.2	304/00.6	221/00.9	240/00.5	323/00.7	333/00.6	347/00.7	045/01.5	083/01.2	057/01.4	077/01.8	044/01.9
MEAN	**223/01.8**	**227/01.7**	**222/01.9**	**208/01.9**	**232/01.8**	**239/01.9**	**221/02.1**	**243/02.5**	**233/02.9**	**227/03.1**	**241/03.5**	**246/03.6**	**259/03.8**
MAX	**239/05.5**	**238/05.0**	**235/05.3**	**231/05.0**	**243/05.3**	**241/05.7**	**235/06.2**	**236/06.5**	**248/06.4**	**244/06.5**	**263/05.6**	**262/06.0**	**216/06.5**
MIN	**049/00.1**	**078/00.2**	**272/00.3**	**069/00.2**	**325/00.2**	**027/00.2**	**359/00.2**	**032/00.2**	**275/00.6**	**227/01.0**	**057/01.4**	**247/01.5**	**017/01.5**

MEANS REQUIRE 75% VALID DATA

MISSING DATA DENOTED BY ---

HarmonCreek

Wind Speed and Direction in mps for June, 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	269/03.7	268/03.0	274/03.0	272/02.9	267/03.4	270/02.4	246/01.8	213/01.1	194/00.9	215/01.0	195/01.3	**232/01.9**	**269/03.7**	**185/00.4**
2	244/05.5	245/06.7	246/07.1	244/06.5	248/06.1	249/05.2	239/03.8	219/03.5	225/04.1	233/04.8	239/05.2	**221/03.8**	**246/07.1**	**138/01.0**
3	252/07.8	256/07.0	264/07.3	274/06.7	278/05.0	260/03.2	246/02.9	257/02.1	227/01.8	211/02.2	254/01.5	**249/05.1**	**252/07.8**	**254/01.5**
4	194/03.5	227/03.6	277/05.9	235/02.0	186/01.6	193/02.4	188/01.8	216/00.9	129/01.3	134/02.0	219/00.7	**200/02.0**	**277/05.9**	**216/00.5**
5	255/01.8	268/02.0	272/02.2	272/02.2	260/01.9	268/02.2	209/01.0	187/01.4	213/01.3	201/01.5	212/01.9	**228/01.8**	**219/02.5**	**209/01.0**
6	286/04.5	295/04.2	300/03.5	295/03.9	306/03.4	338/03.2	347/02.3	342/01.8	353/02.6	005/02.9	006/03.4	**293/03.0**	**286/04.5**	**247/01.6**
7	342/02.7	333/02.7	334/02.7	309/03.0	336/03.5	348/02.8	349/01.9	340/02.0	351/01.8	351/01.1	280/00.6	**336/02.1**	**336/03.5**	**280/00.6**
8	114/01.7	030/01.4	106/01.9	094/01.4	169/01.1	289/00.6	284/00.6	146/00.7	034/00.4	306/00.2	213/01.1	**352/01.0**	**083/02.5**	**306/00.2**
9	210/02.6	207/02.5	196/02.9	199/02.2	154/02.3	147/02.5	133/02.7	144/02.3	149/02.2	145/03.2	159/03.0	**197/01.7**	**145/03.2**	**032/00.2**
10	204/05.0	185/05.3	178/05.4	201/04.7	188/04.5	165/05.5	162/05.4	193/05.9	215/03.6	220/04.1	226/03.5	**199/04.2**	**193/05.9**	**182/02.4**
11	272/04.8	264/04.0	269/04.2	263/04.2	257/03.8	258/03.3	250/02.4	219/01.7	199/01.5	209/01.6	204/01.8	**244/03.7**	**260/05.1**	**199/01.5**
12	300/05.4	314/04.4	308/05.6	324/04.3	325/03.9	314/02.9	321/02.4	333/01.4	231/00.5	206/00.6	352/00.7	**277/02.9**	**294/05.7**	**231/00.5**
13	296/01.4	004/02.1	344/01.7	017/02.5	351/01.6	033/01.8	357/02.0	352/02.4	001/03.2	358/02.8	008/02.1	**008/02.1**	**001/03.2**	**357/01.3**
14	070/03.6	073/04.1	077/04.3	098/04.2	118/04.2	121/04.5	112/04.0	102/03.9	106/04.1	107/04.0	095/03.5	**072/03.6**	**121/04.5**	**009/02.2**
15	089/03.2	070/03.7	064/03.2	056/03.2	057/03.0	043/02.6	051/03.0	045/02.5	051/01.6	035/01.4	012/00.5	**069/02.9**	**115/03.9**	**012/00.5**
16	073/04.4	072/04.0	064/03.9	069/03.2	068/04.2	056/03.4	057/01.9	020/01.3	344/00.3	037/00.7	009/00.5	**047/02.1**	**073/04.4**	**049/00.1**
17	064/03.3	062/02.7	057/02.8	060/03.4	061/03.5	061/03.7	067/03.9	074/03.3	044/02.4	040/02.4	037/02.0	**049/02.5**	**076/04.6**	**356/00.2**
18	063/03.2	081/04.3	090/05.6	130/03.3	136/04.1	118/03.3	121/03.0	123/02.7	145/02.1	155/01.0	244/00.7	**083/03.0**	**090/05.6**	**244/00.7**
19	264/02.2	284/02.9	321/02.7	079/04.4	201/02.2	247/01.7	240/00.7	205/01.3	078/00.7	159/00.7	224/00.9	**215/01.4**	**079/04.4**	**186/00.3**
20	305/01.7	254/01.7	312/01.5	309/01.0	325/01.2	315/01.3	328/00.9	218/01.1	137/01.6	214/00.7	182/00.6	**259/01.1**	**298/01.9**	**176/00.4**
21	252/03.3	221/03.0	204/02.1	177/02.6	168/02.3	126/01.9	099/02.4	081/01.0	001/01.7	102/01.8	307/02.9	**190/01.8**	**252/03.3**	**069/00.2**
22	216/05.4	238/05.0	244/04.3	250/04.3	251/03.4	245/03.3	221/02.5	218/02.0	195/01.5	186/01.1	175/01.6	**208/02.7**	**213/05.9**	**285/00.5**
23	213/06.1	210/05.1	221/04.5	224/03.0	233/03.6	222/03.4	229/03.6	277/05.4	277/04.5	268/02.9	237/02.1	**211/03.5**	**216/06.5**	**182/01.3**
24	279/05.2	273/04.8	278/04.3	273/04.2	238/03.8	243/02.5	253/02.9	224/01.5	195/01.8	215/02.1	207/01.3	**242/03.5**	**262/06.0**	**207/01.3**
25	252/04.7	251/05.2	277/05.6	253/04.5	220/01.6	217/03.2	228/01.9	207/01.6	200/01.3	200/01.6	210/02.0	**223/02.6**	**277/05.6**	**206/00.9**
26	257/05.4	250/05.1	259/04.5	265/03.3	248/02.1	230/02.4	221/03.4	234/04.9	236/03.0	225/03.7	228/03.7	**236/03.6**	**257/05.4**	**248/02.1**
27	236/05.9	239/04.9	219/04.2	231/03.1	222/02.4	231/02.3	221/03.3	209/02.6	205/02.6	218/02.7	215/02.5	**228/04.4**	**236/06.5**	**231/02.3**
28	247/03.9	251/04.7	272/03.6	291/03.4	276/03.6	307/02.4	343/01.9	342/01.5	229/00.8	250/00.7	211/01.1	**252/02.7**	**251/04.7**	**250/00.7**
29	263/02.4	312/02.2	328/01.6	276/02.6	288/02.4	297/01.8	319/01.6	268/00.8	225/01.0	208/00.9	215/01.3	**276/01.3**	**276/02.6**	**325/00.2**
30	015/01.9	327/01.8	323/01.9	335/02.1	019/03.2	023/03.1	016/01.9	346/01.8	006/02.3	003/02.1	010/01.6	**003/01.5**	**019/03.2**	**078/00.2**
MEAN	**259/03.9**	**270/03.8**	**281/03.8**	**268/03.4**	**246/03.1**	**263/02.8**	**257/02.5**	**226/02.2**	**201/01.9**	**205/01.9**	**231/01.9**	**239/02.7**		
MAX	**252/07.8**	**256/07.0**	**264/07.3**	**274/06.7**	**248/06.1**	**165/05.5**	**162/05.4**	**193/05.9**	**277/04.5**	**233/04.8**	**239/05.2**		**252/07.8**	
MIN	**296/01.4**	**030/01.4**	**312/01.5**	**309/01.0**	**169/01.1**	**289/00.6**	**284/00.6**	**146/00.7**	**344/00.3**	**306/00.2**	**009/00.5**			**049/00.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 239/02.7 MAXIMUM WIND SPEED = 07.8 AT 252 DEGREES DATE OF OCCURRENCE = 6/3 AT 1400

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

HarmonCreek

Joint Frequency Distribution for April, 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	0.6	1.9	1.9	0.3	0.0	0.0	**4.7**	**3.1**
NNE	11.25 - 33.75	1.1	1.4	1.0	0.1	0.0	0.0	**3.6**	**2.4**
NE	33.75 - 56.25	0.3	1.0	0.1	0.1	0.0	0.0	**1.5**	**2.7**
ENE	56.25 - 78.75	0.0	1.8	0.7	0.0	0.0	0.0	**2.5**	**2.8**
E	78.75 - 101.25	0.3	1.5	2.5	0.0	0.0	0.0	**4.3**	**3.2**
ESE	101.25 - 123.75	0.3	1.5	2.1	0.6	0.0	0.0	**4.4**	**3.8**
SE	123.75 - 146.25	0.6	1.1	1.5	1.0	0.0	0.0	**4.2**	**3.7**
SSE	146.25 - 168.75	0.4	1.2	1.2	0.6	0.0	0.0	**3.5**	**3.3**
S	168.75 - 191.25	1.2	2.1	0.6	0.3	0.1	0.0	**4.3**	**2.6**
SSW	191.25 - 213.75	1.8	2.1	1.4	0.1	0.0	0.0	**5.4**	**2.2**
SW	213.75 - 236.25	1.4	3.5	3.3	1.7	0.0	0.0	**9.9**	**3.3**
WSW	236.25 - 258.75	0.7	2.4	6.7	2.1	0.1	0.0	**11.9**	**3.9**
W	258.75 - 281.25	1.1	1.4	5.4	7.2	3.1	0.4	**18.6**	**5.7**
WNW	281.25 - 303.75	0.4	2.1	4.0	3.3	0.4	0.0	**10.3**	**4.4**
NW	303.75 - 326.25	0.6	2.2	2.4	0.6	0.0	0.0	**5.7**	**3.2**
NNW	326.25 - 348.75	0.6	1.4	1.5	0.1	0.0	0.0	**3.6**	**2.9**
	CALM							**1.5**	
	TOTAL	**11.2**	**28.6**	**36.4**	**18.1**	**3.8**	**0.4**	**100.0**	**3.8**

TOTAL NUMBER OF OBSERVATIONS = 720

POSSIBLE NUMBER OF OBSERVATIONS = 720

DATA RECOVERY = 100.0%

HarmonCreek

Joint Frequency Distribution for May, 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	0.7	0.8	0.0	0.1	0.0	0.0	**1.6**	**2.0**
NNE	11.25 - 33.75	1.3	0.9	0.1	0.0	0.0	0.0	**2.4**	**1.5**
NE	33.75 - 56.25	0.5	1.1	0.5	0.0	0.0	0.0	**2.2**	**2.4**
ENE	56.25 - 78.75	0.3	2.2	2.2	0.1	0.0	0.0	**4.7**	**3.0**
E	78.75 - 101.25	0.7	2.0	3.4	3.0	0.0	0.0	**9.0**	**4.1**
ESE	101.25 - 123.75	0.9	2.4	7.1	2.7	0.1	0.0	**13.3**	**4.0**
SE	123.75 - 146.25	0.8	2.7	2.0	0.3	0.0	0.0	**5.8**	**2.9**
SSE	146.25 - 168.75	0.5	0.8	0.7	0.0	0.0	0.0	**2.0**	**2.3**
S	168.75 - 191.25	0.7	0.9	0.5	0.0	0.0	0.0	**2.2**	**2.1**
SSW	191.25 - 213.75	3.0	3.6	0.9	0.0	0.0	0.0	**7.5**	**1.9**
SW	213.75 - 236.25	1.9	1.6	5.4	1.9	0.0	0.0	**10.8**	**3.6**
WSW	236.25 - 258.75	1.6	2.3	4.4	3.8	0.7	0.0	**12.8**	**4.2**
W	258.75 - 281.25	0.9	2.0	2.2	3.0	0.1	0.0	**8.2**	**4.2**
WNW	281.25 - 303.75	0.9	2.0	2.4	1.3	0.1	0.0	**6.9**	**3.7**
NW	303.75 - 326.25	1.2	2.2	3.2	0.1	0.0	0.0	**6.7**	**3.0**
NNW	326.25 - 348.75	0.7	1.1	1.2	0.3	0.0	0.0	**3.2**	**2.9**
	CALM							**0.8**	
	TOTAL	**16.7**	**28.6**	**36.3**	**16.5**	**1.1**	**0.0**	**100.0**	**3.4**

TOTAL NUMBER OF OBSERVATIONS = 744

POSSIBLE NUMBER OF OBSERVATIONS = 744

DATA RECOVERY = 100.0%

HarmonCreek

Joint Frequency Distribution for June, 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	1.0	3.9	0.4	0.0	0.0	0.0	5.3	2.1
NNE	11.25 - 33.75	1.1	1.4	0.4	0.0	0.0	0.0	2.9	1.9
NE	33.75 - 56.25	0.8	2.4	0.8	0.0	0.0	0.0	4.0	2.4
ENE	56.25 - 78.75	0.4	2.1	4.4	0.0	0.0	0.0	6.9	3.3
E	78.75 - 101.25	0.4	0.6	1.5	0.1	0.0	0.0	2.6	3.3
ESE	101.25 - 123.75	0.3	0.8	1.5	0.0	0.0	0.0	2.6	3.0
SE	123.75 - 146.25	0.7	1.0	0.4	0.0	0.0	0.0	2.1	2.0
SSE	146.25 - 168.75	1.1	1.1	0.0	0.3	0.0	0.0	2.5	2.0
S	168.75 - 191.25	1.8	1.8	0.3	0.3	0.0	0.0	4.2	2.0
SSW	191.25 - 213.75	5.6	5.3	1.9	0.4	0.0	0.0	13.2	2.1
SW	213.75 - 236.25	4.0	5.7	6.1	1.5	0.0	0.0	17.4	2.8
WSW	236.25 - 258.75	1.0	3.6	5.0	3.3	0.0	0.0	12.9	3.9
W	258.75 - 281.25	0.7	2.4	3.3	1.2	0.0	0.0	7.6	3.6
WNW	281.25 - 303.75	1.0	0.8	1.2	0.4	0.0	0.0	3.5	2.8
NW	303.75 - 326.25	1.2	1.8	0.6	0.1	0.0	0.0	3.8	2.3
NNW	326.25 - 348.75	1.2	2.1	0.3	0.0	0.0	0.0	3.6	1.8
	CALM							4.9	
	TOTAL	22.4	36.7	28.3	7.8	0.0	0.0	100.0	2.8

TOTAL NUMBER OF OBSERVATIONS = 720

POSSIBLE NUMBER OF OBSERVATIONS = 720

DATA RECOVERY = 100.0%

HarmonCreek

10M Joint Frequency Distribution for April - June 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	0.7	2.2	0.8	0.1	0.0	0.0	**3.8**	**2.5**
NNE	11.25 - 33.75	1.2	1.2	0.5	0.0	0.0	0.0	**3.0**	**2.0**
NE	33.75 - 56.25	0.5	1.5	0.5	0.0	0.0	0.0	**2.6**	**2.4**
ENE	56.25 - 78.75	0.2	2.0	2.4	0.0	0.0	0.0	**4.7**	**3.1**
E	78.75 - 101.25	0.5	1.4	2.5	1.1	0.0	0.0	**5.4**	**3.7**
ESE	101.25 - 123.75	0.5	1.6	3.6	1.1	0.0	0.0	**6.9**	**3.8**
SE	123.75 - 146.25	0.7	1.6	1.3	0.4	0.0	0.0	**4.0**	**3.0**
SSE	146.25 - 168.75	0.7	1.1	0.6	0.3	0.0	0.0	**2.7**	**2.7**
S	168.75 - 191.25	1.2	1.6	0.5	0.2	0.0	0.0	**3.5**	**2.3**
SSW	191.25 - 213.75	3.4	3.7	1.4	0.2	0.0	0.0	**8.7**	**2.1**
SW	213.75 - 236.25	2.4	3.6	4.9	1.7	0.0	0.0	**12.6**	**3.2**
WSW	236.25 - 258.75	1.1	2.7	5.4	3.1	0.3	0.0	**12.5**	**4.0**
W	258.75 - 281.25	0.9	1.9	3.6	3.8	1.1	0.1	**11.4**	**4.9**
WNW	281.25 - 303.75	0.8	1.6	2.6	1.7	0.2	0.0	**6.9**	**3.9**
NW	303.75 - 326.25	1.0	2.1	2.1	0.3	0.0	0.0	**5.4**	**2.9**
NNW	326.25 - 348.75	0.8	1.5	1.0	0.1	0.0	0.0	**3.5**	**2.5**
	CALM							**2.4**	
	TOTAL	**16.8**	**31.3**	**33.7**	**14.1**	**1.6**	**0.1**	**100.0**	**3.3**

TOTAL NUMBER OF OBSERVATIONS = 2184

POSSIBLE NUMBER OF OBSERVATIONS = 2184

DATA RECOVERY = 100.0%

HarmonCreek

WIND GUST in mps for APRIL, 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	3.3	2.5	3.5	4.4	3.8	3.2	3.2	3.2	3.6	3.1	5.8	5.7	8.5	9.8	6.9	10.1	11.3	9.8	10.2	7.5	4.3	2.8	2.2	2.8	**5.5**	**11.3**	**2.2**
2	3.6	4.9	4.8	4.4	3.3	3.7	2.9	5.8	5.9	10.3	14.3	13.6	14.1	14.2	13.3	14.9	13.2	11.3	10.3	8.2	5.5	6.2	6.1	6.2	**8.4**	**14.9**	**2.9**
3	6.2	4.9	4.2	3.1	3.1	3.0	2.8	3.6	7.6	8.3	11.7	12.2	13.9	12.5	13.9	13.0	12.0	10.8	9.1	7.7	6.5	4.6	4.9	2.8	**7.6**	**13.9**	**2.8**
4	1.2	1.3	2.2	1.7	1.6	1.7	1.8	1.4	3.1	3.0	4.7	3.8	4.9	5.5	7.4	7.8	5.9	5.1	4.3	5.2	4.8	4.4	3.4	2.2	**3.7**	**7.8**	**1.2**
5	1.5	1.6	1.3	1.1	1.0	2.9	2.8	1.2	3.3	3.6	6.5	7.4	8.0	7.8	8.1	5.6	6.1	7.3	4.9	5.6	5.5	5.0	5.1	4.1	**4.5**	**8.1**	**1.0**
6	3.4	4.0	2.5	1.3	1.3	1.4	2.9	2.8	3.0	4.7	4.6	4.5	4.9	4.8	5.7	5.0	4.6	5.9	3.2	1.8	2.0	2.7	2.4	1.1	**3.4**	**5.9**	**1.1**
7	1.6	1.2	1.9	4.2	4.1	3.5	2.6	3.3	3.6	4.7	4.3	5.6	7.0	6.7	8.3	5.6	5.9	6.1	4.0	3.8	1.9	3.3	7.9	12.7	**4.7**	**12.7**	**1.2**
8	21.0	9.6	10.8	11.6	4.0	3.5	1.4	2.9	3.8	5.9	7.5	7.8	9.2	10.0	10.0	13.2	9.8	7.4	5.4	3.0	2.7	3.3	4.6	4.5	**7.2**	**21.0**	**1.4**
9	11.0	24.7	11.1	6.2	13.3	14.8	12.3	15.2	18.7	13.3	12.5	12.0	12.3	16.1	16.7	17.4	14.8	22.9	16.4	12.0	17.2	16.9	15.5	13.9	**14.9**	**24.7**	**6.2**
10	10.9	11.9	12.8	14.9	11.4	14.2	13.9	14.2	14.6	18.3	17.2	18.3	15.9	15.8	17.9	15.6	14.1	15.2	12.5	12.2	9.5	7.5	6.7	4.1	**13.3**	**18.3**	**4.1**
11	4.0	4.8	5.0	5.8	5.7	4.7	4.9	8.1	8.4	8.4	10.0	9.2	11.1	10.7	10.8	10.0	9.6	9.4	7.7	4.6	2.5	2.3	3.1	3.3	**6.8**	**11.1**	**2.3**
12	3.4	3.6	4.2	4.5	3.0	3.0	7.0	1.5	4.0	5.9	8.9	13.0	13.8	13.4	8.7	7.8	6.2	5.3	6.5	11.5	17.6	9.4	11.6	11.8	**7.7**	**17.6**	**1.5**
13	12.4	12.5	9.0	6.5	1.7	4.7	4.8	5.5	9.7	11.7	10.7	16.4	20.1	20.4	18.0	17.8	17.1	16.4	12.0	11.4	9.4	6.7	9.1	9.2	**11.4**	**20.4**	**1.7**
14	8.2	6.5	7.1	5.6	3.8	2.9	4.9	6.3	5.7	6.0	8.0	7.7	8.2	7.1	7.9	8.2	10.1	10.9	9.5	8.2	9.0	10.3	6.2	3.8	**7.2**	**10.9**	**2.9**
15	2.8	3.3	3.0	2.5	2.6	2.6	2.5	4.6	7.5	9.9	9.5	11.1	13.1	11.7	12.7	13.3	18.6	13.1	12.6	12.9	7.9	10.2	8.4	7.9	**8.5**	**18.6**	**2.5**
16	3.6	5.9	7.1	7.1	8.8	7.8	8.7	11.0	11.6	14.4	11.8	15.0	13.5	14.3	13.6	15.4	15.0	12.2	11.2	7.7	4.8	2.9	1.9	1.6	**9.4**	**15.4**	**1.6**
17	1.5	1.2	2.3	1.6	1.3	2.2	3.3	3.9	5.4	5.8	7.5	7.5	6.8	6.9	6.9	6.0	9.5	5.2	8.2	9.1	10.0	9.4	4.0	6.5	**5.5**	**10.0**	**1.2**
18	5.8	7.3	8.5	10.0	8.3	7.4	7.9	8.1	8.4	8.7	8.7	8.3	9.6	8.7	9.8	8.8	10.2	10.3	7.2	5.0	5.4	4.8	4.8	5.7	**7.8**	**10.3**	**4.8**
19	6.9	6.0	5.5	5.4	5.2	5.5	8.5	9.1	9.7	11.5	11.7	10.8	11.9	11.7	9.2	8.2	6.8	7.8	7.5	5.2	2.8	3.3	2.6	5.8	**7.4**	**11.9**	**2.6**
20	6.3	8.0	8.0	6.2	6.2	7.1	5.5	5.4	5.3	5.0	4.3	7.1	10.8	8.4	8.5	9.2	10.1	10.9	7.9	3.3	2.0	2.3	2.6	3.9	**6.4**	**10.9**	**2.0**
21	3.9	7.1	5.7	10.9	12.9	15.5	8.6	12.7	19.2	16.2	20.0	19.2	20.1	21.8	19.8	20.7	18.4	16.0	15.7	13.6	11.0	11.1	7.7	7.4	**13.9**	**21.8**	**3.9**
22	7.3	5.8	4.7	4.5	5.0	4.8	4.3	9.1	11.2	10.6	13.8	11.7	11.5	11.5	12.1	9.2	7.3	5.2	2.3	5.4	4.8	5.4	5.5	4.3	**7.4**	**13.8**	**2.3**
23	6.1	4.9	4.1	3.8	4.2	4.0	3.8	3.8	3.0	4.4	7.1	9.0	6.8	5.7	3.0	3.5	4.9	4.3	6.9	6.3	6.2	5.3	6.5	5.4	**5.1**	**9.0**	**3.0**
24	4.2	4.8	5.2	5.1	5.2	5.0	4.9	5.5	6.5	6.3	7.7	6.7	6.6	7.7	7.7	6.8	9.2	9.7	7.0	4.6	3.2	4.9	5.3	5.7	**6.1**	**9.7**	**3.2**
25	5.5	2.5	2.0	2.2	2.4	2.3	1.3	2.6	2.4	3.7	5.2	6.6	6.8	8.6	6.7	8.0	8.5	6.3	10.2	13.8	5.6	6.1	8.6	7.5	**5.6**	**13.8**	**1.3**
26	7.9	6.6	6.6	5.8	6.9	7.8	7.1	7.6	7.2	7.4	8.2	6.9	8.3	8.9	8.8	9.2	9.3	8.7	8.5	8.8	12.9	9.0	10.0	8.4	**8.2**	**12.9**	**5.8**
27	7.6	7.4	7.3	6.0	5.1	4.7	7.9	7.5	7.8	8.5	10.6	9.2	11.5	10.0	9.7	10.2	8.7	9.0	4.2	2.3	1.1	1.2	1.0	2.0	**6.7**	**11.5**	**1.0**
28	6.0	3.6	5.1	4.8	4.5	5.8	8.4	8.1	6.3	6.5	5.7	5.1	6.6	6.7	6.3	4.9	4.1	3.6	5.1	5.7	6.8	5.2	5.0	5.6	**5.7**	**8.4**	**3.6**
29	5.6	5.7	6.1	7.3	5.3	5.3	7.5	8.6	8.0	8.4	10.8	10.6	13.7	13.8	13.1	15.1	14.4	10.8	10.1	14.4	10.0	10.0	15.4	9.4	**10.0**	**15.4**	**5.3**
30	7.7	7.2	8.2	9.8	8.1	4.4	5.4	5.7	6.2	8.9	8.0	7.6	11.8	16.2	12.2	11.0	8.8	9.8	7.3	10.6	10.0	6.8	4.5	5.6	**8.4**	**16.2**	**4.4**
MEAN	**6.0**	**6.0**	**5.7**	**5.6**	**5.1**	**5.3**	**5.5**	**6.3**	**7.4**	**8.1**	**9.2**	**9.6**	**10.7**	**10.9**	**10.5**	**10.4**	**10.2**	**9.6**	**8.3**	**7.7**	**6.8**	**6.1**	**6.1**	**5.8**	**7.6**		
MAX	**21.0**	**24.7**	**12.8**	**14.9**	**13.3**	**15.5**	**13.9**	**15.2**	**19.2**	**18.3**	**20.0**	**19.2**	**20.1**	**21.8**	**19.8**	**20.7**	**18.6**	**22.9**	**16.4**	**14.4**	**17.6**	**16.9**	**15.5**	**13.9**		**24.7**	
MIN	**1.2**	**1.2**	**1.3**	**1.1**	**1.0**	**1.4**	**1.3**	**1.2**	**2.4**	**3.0**	**4.3**	**3.8**	**4.9**	**4.8**	**3.0**	**3.5**	**4.1**	**3.6**	**2.3**	**1.8**	**1.1**	**1.2**	**1.0**	**1.1**			**1.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 7.6 mps

MAXIMUM WIND GUST = 24.7 mps DATE OF OCCURRENCE = 4/9 AT 0200 MAXIMUM DAILY MEAN = 14.9 mps DATE OF OCCURRENCE = 4/9

MINIMUM WIND GUST = 1.0 mps DATE OF OCCURRENCE = 4/5 AT 0500 MINUMUM DAILY MEAN = 3.4 mps DATE OF OCCURRENCE = 4/6

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

HarmonCreek

WIND GUST in mps for MAY, 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	4.3	4.0	4.2	3.5	3.0	3.0	3.1	3.4	5.0	7.5	9.3	10.7	9.1	10.3	11.5	11.5	9.4	9.4	8.8	4.9	2.4	1.8	1.5	1.8	**6.0**	**11.5**	**1.5**
2	1.8	1.5	2.0	1.8	1.6	2.7	3.2	3.1	5.7	8.7	7.7	8.4	8.4	9.9	9.0	9.1	10.7	12.2	8.6	5.9	4.9	7.2	11.0	12.5	**6.6**	**12.5**	**1.5**
3	10.7	7.2	6.5	4.0	2.2	3.5	2.8	5.6	6.9	6.7	7.4	10.0	9.6	10.3	9.6	10.3	9.9	7.8	4.4	3.7	3.7	7.9	5.8	6.7	**6.8**	**10.7**	**2.2**
4	8.1	7.6	6.8	5.5	6.7	7.5	7.5	9.8	11.3	10.8	11.0	10.1	10.6	11.1	8.4	8.7	8.9	8.4	6.9	5.3	4.8	3.9	6.5	5.9	**8.0**	**11.3**	**3.9**
5	4.7	3.9	3.3	2.7	3.4	2.8	4.0	6.9	9.0	8.3	7.6	7.3	6.0	7.3	8.8	8.4	6.0	5.2	4.0	1.7	4.8	3.3	3.2	3.9	**5.3**	**9.0**	**1.7**
6	3.7	5.0	7.3	7.5	5.8	4.8	6.8	7.0	6.5	5.6	7.0	8.0	7.8	7.0	7.7	8.5	10.4	11.4	9.5	8.3	2.6	1.8	2.3	1.9	**6.4**	**11.4**	**1.8**
7	2.6	2.2	2.3	2.3	2.5	2.5	3.6	4.0	7.8	10.2	13.4	13.4	15.7	16.4	19.3	20.4	18.0	23.2	16.7	22.8	12.9	6.5	3.3	2.3	**10.2**	**23.2**	**2.2**
8	2.2	2.3	1.6	3.9	3.4	4.4	4.6	6.2	8.2	3.6	2.7	5.6	6.8	14.0	12.4	10.6	7.7	9.0	9.2	7.6	5.9	5.1	4.5	3.5	**6.0**	**14.0**	**1.6**
9	3.6	3.6	3.1	3.4	2.6	2.6	4.7	7.4	11.4	13.5	15.7	15.5	16.2	15.3	13.1	13.1	13.4	12.3	8.0	6.5	5.4	6.7	7.0	6.1	**8.7**	**16.2**	**2.6**
10	4.2	4.2	5.0	5.9	5.2	5.5	6.7	9.0	10.3	10.2	12.4	12.4	10.6	10.9	12.0	13.9	12.7	9.1	8.6	22.1	6.8	9.3	12.3	4.3	**9.3**	**22.1**	**4.2**
11	4.2	8.1	9.8	10.1	11.9	11.7	14.8	12.4	12.5	11.8	10.3	10.9	9.3	12.6	10.7	10.9	9.4	8.1	8.1	5.3	7.4	6.1	6.3	5.0	**9.5**	**14.8**	**4.2**
12	4.4	5.2	4.8	5.2	6.3	6.0	7.3	7.8	8.6	8.6	10.2	11.4	11.6	12.8	13.9	13.9	12.9	13.9	11.6	7.8	4.7	5.5	5.2	4.3	**8.5**	**13.9**	**4.3**
13	3.5	3.1	3.1	2.2	2.2	2.4	2.6	2.4	3.0	5.5	8.5	10.8	9.5	8.2	8.6	8.5	7.1	5.8	4.0	3.6	2.8	3.2	0.7	1.1	**4.7**	**10.8**	**0.7**
14	0.6	2.6	3.8	1.7	3.0	3.0	4.1	5.3	4.2	4.6	7.3	7.4	6.3	6.5	7.4	7.8	13.8	9.3	8.2	7.3	10.2	7.5	7.1	6.8	**6.1**	**13.8**	**0.6**
15	3.8	3.6	5.2	4.4	5.3	4.8	7.4	8.9	13.4	13.6	16.5	18.3	17.3	14.5	13.2	15.5	14.5	14.3	9.2	5.7	5.6	10.6	3.0	1.7	**9.6**	**18.3**	**1.7**
16	3.0	3.1	2.4	2.4	1.9	2.3	1.8	4.1	5.4	4.6	4.7	5.3	5.7	7.5	7.5	7.5	6.6	4.9	4.2	4.1	4.3	4.7	4.2	3.8	**4.4**	**7.5**	**1.8**
17	5.7	6.3	5.6	6.7	5.5	5.1	5.3	4.9	5.3	5.5	5.7	7.7	5.9	8.7	9.5	8.0	10.3	8.9	8.7	7.3	7.6	7.1	6.6	8.1	**6.9**	**10.3**	**4.9**
18	6.6	7.3	6.2	6.1	5.4	5.8	6.3	6.6	5.9	7.3	9.1	7.8	8.7	9.4	10.3	11.7	11.9	10.7	11.7	12.0	10.4	8.2	7.6	10.0	**8.5**	**12.0**	**5.4**
19	9.8	12.5	13.3	7.4	4.9	6.6	6.3	10.4	8.1	11.7	12.7	14.2	15.6	12.9	14.3	12.4	11.6	12.6	11.9	8.1	13.9	13.1	11.1	13.4	**11.2**	**15.6**	**4.9**
20	20.3	16.9	16.0	11.4	8.6	6.0	6.3	11.2	10.2	11.6	12.4	11.9	11.7	13.4	13.9	12.3	11.4	10.0	10.6	7.3	6.0	6.8	7.1	7.3	**10.9**	**20.3**	**6.0**
21	7.6	8.7	6.8	6.8	6.8	6.9	7.2	9.3	10.4	10.1	10.3	9.8	9.9	9.4	10.0	9.9	9.4	8.3	7.7	7.2	5.8	4.1	3.5	4.1	**7.9**	**10.4**	**3.5**
22	1.6	3.9	3.3	3.6	3.8	3.9	3.2	3.4	3.4	4.3	4.1	3.4	1.8	3.8	4.3	4.4	4.5	5.5	3.9	2.3	2.3	1.9	1.4	1.5	**3.3**	**5.5**	**1.4**
23	1.7	1.3	1.7	1.6	2.5	2.7	1.7	2.6	4.2	3.2	3.1	5.0	5.2	5.1	5.3	4.7	2.6	2.8	3.2	1.9	2.6	1.2	1.4	1.6	**2.9**	**5.3**	**1.2**
24	3.4	2.4	3.6	4.7	3.4	4.1	2.4	5.8	6.6	5.2	6.5	5.7	6.7	7.5	6.8	6.8	5.2	5.6	4.9	4.2	5.4	5.8	5.5	4.8	**5.1**	**7.5**	**2.4**
25	4.3	4.0	4.8	5.1	4.6	4.5	4.3	3.8	3.8	4.2	4.1	3.0	4.7	5.2	7.7	4.2	3.9	4.6	7.0	4.7	5.6	5.0	4.3	4.0	**4.6**	**7.7**	**3.0**
26	3.2	1.9	2.9	1.9	3.1	2.3	2.5	4.1	3.8	4.9	6.1	7.1	8.1	8.1	8.1	8.6	10.0	8.4	7.1	5.0	5.7	5.0	4.4	5.4	**5.3**	**10.0**	**1.9**
27	4.9	5.0	2.8	3.5	3.3	4.7	3.9	5.8	7.0	6.6	8.5	6.7	8.3	7.7	8.2	8.4	7.9	6.3	6.9	5.4	5.8	6.0	5.8	5.8	**6.1**	**8.5**	**2.8**
28	4.6	3.4	4.4	2.0	3.5	5.3	6.9	7.1	6.1	8.0	12.3	11.4	10.4	8.9	9.7	10.6	8.1	6.0	6.6	3.2	1.3	1.6	1.7	1.2	**6.0**	**12.3**	**1.2**
29	7.0	6.2	3.9	3.6	4.4	5.2	9.0	8.0	8.6	9.2	11.4	13.2	11.9	13.0	13.9	12.1	12.7	9.3	3.9	2.8	3.3	6.0	6.2	2.8	**7.8**	**13.9**	**2.8**
30	2.0	1.8	1.9	2.2	2.5	1.6	2.2	3.1	3.7	6.1	7.3	8.4	8.0	11.9	12.8	9.7	10.8	9.2	9.0	6.2	3.1	1.9	1.4	1.2	**5.3**	**12.8**	**1.2**
31	1.2	1.1	1.5	2.2	1.7	1.6	2.7	5.6	8.5	7.9	7.9	9.6	7.9	9.0	9.2	9.4	7.5	8.0	6.2	5.4	3.5	2.9	1.7	1.7	**5.2**	**9.6**	**1.1**
MEAN	**4.8**	**4.8**	**4.8**	**4.4**	**4.2**	**4.4**	**5.0**	**6.3**	**7.2**	**7.7**	**8.8**	**9.4**	**9.2**	**10.0**	**10.2**	**10.1**	**9.7**	**9.1**	**7.7**	**6.6**	**5.5**	**5.4**	**5.0**	**4.7**	**6.9**		
MAX	**20.3**	**16.9**	**16.0**	**11.4**	**11.9**	**11.7**	**14.8**	**12.4**	**13.4**	**13.6**	**16.5**	**18.3**	**17.3**	**16.4**	**19.3**	**20.4**	**18.0**	**23.2**	**16.7**	**22.8**	**13.9**	**13.1**	**12.3**	**13.4**		**23.2**	
MIN	**0.6**	**1.1**	**1.5**	**1.6**	**1.6**	**1.6**	**1.7**	**2.4**	**3.0**	**3.2**	**2.7**	**3.0**	**1.8**	**3.8**	**4.3**	**4.2**	**2.6**	**2.8**	**3.2**	**1.7**	**1.3**	**1.2**	**0.7**	**1.1**			**0.6**

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

MONTHLY MEAN = 6.9 mps

MAXIMUM WIND GUST = 23.2 mps DATE OF OCCURRENCE = 5/7 AT 1800 MAXIMUM DAILY MEAN = 11.2 mps DATE OF OCCURRENCE = 5/19

MINIMUM WIND GUST = 0.6 mps DATE OF OCCURRENCE = 5/14 AT 0100 MINUMUM DAILY MEAN = 2.9 mps DATE OF OCCURRENCE = 5/23

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

HarmonCreek

WIND GUST in mps for JUNE, 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	1.6	1.9	1.5	1.8	1.7	1.4	2.5	3.6	5.1	5.1	8.6	7.8	9.5	8.9	7.0	6.5	6.6	5.8	4.0	1.9	2.0	1.5	2.6	**4.2**	**9.5**	**1.4**
2	2.0	3.0	2.4	2.8	3.3	3.5	3.2	4.2	7.1	6.7	9.1	11.9	11.0	11.9	13.6	13.8	14.2	16.3	10.8	7.2	5.5	7.7	8.1	9.8	**7.9**	**16.3**	**2.0**
3	9.7	9.1	9.6	9.1	9.4	11.5	11.2	13.0	12.7	14.5	12.0	11.2	13.7	15.6	15.1	14.0	14.5	10.4	7.2	5.2	3.4	3.2	3.9	3.9	**10.1**	**15.6**	**3.2**
4	2.4	2.2	1.7	4.7	1.4	2.5	3.0	4.1	3.5	5.1	5.6	7.1	7.1	7.8	8.5	19.5	5.6	3.4	4.7	4.1	2.6	2.8	3.5	1.8	**4.8**	**19.5**	**1.4**
5	2.4	2.7	4.2	4.5	4.5	3.0	4.1	4.2	3.9	3.8	3.7	4.7	3.9	4.1	4.1	5.4	4.3	3.7	4.6	2.3	2.8	2.5	2.9	2.9	**3.7**	**5.4**	**2.3**
6	3.2	6.0	5.6	5.1	4.4	3.9	4.1	5.4	5.8	5.8	7.7	9.4	8.4	9.3	8.9	7.2	9.4	7.6	6.9	4.8	3.2	3.8	5.7	6.5	**6.2**	**9.4**	**3.2**
7	3.1	2.6	2.2	2.4	1.4	2.2	5.1	5.6	3.7	5.9	7.0	6.7	6.0	6.8	6.8	6.8	6.5	6.3	5.2	4.0	2.9	3.5	2.4	1.4	**4.4**	**7.0**	**1.4**
8	1.2	0.9	1.0	2.2	2.0	1.9	1.0	2.5	4.8	4.2	5.3	4.6	4.1	5.3	3.4	4.5	3.9	3.2	1.9	1.0	1.5	1.6	1.0	2.0	**2.7**	**5.3**	**0.9**
9	1.2	1.3	0.9	0.9	1.0	1.1	0.8	1.1	1.7	4.9	4.4	5.3	5.9	5.3	6.3	6.3	4.3	4.5	4.1	4.0	4.0	5.1	6.2	6.9	**3.7**	**6.9**	**0.8**
10	5.9	5.9	6.1	7.8	5.9	7.0	7.1	8.7	10.6	10.0	10.7	10.6	9.0	10.6	10.6	10.4	11.3	9.3	10.9	11.1	28.2	8.7	10.3	7.8	**9.8**	**28.2**	**5.9**
11	7.6	6.8	8.5	7.0	6.7	5.8	8.5	9.6	9.9	9.0	9.2	10.3	9.9	9.2	9.2	8.2	8.3	7.6	6.3	5.3	2.6	2.4	2.0	2.6	**7.2**	**10.3**	**2.0**
12	2.2	2.3	3.4	3.0	3.1	6.6	4.3	3.9	6.9	8.3	9.9	12.0	11.8	11.4	11.9	11.5	8.3	8.5	7.5	5.4	2.8	0.9	1.4	2.2	**6.2**	**12.0**	**0.9**
13	2.8	5.0	7.0	2.7	3.2	3.0	4.2	4.1	4.3	4.9	5.5	5.7	6.3	4.6	4.8	4.6	5.6	4.5	3.0	2.7	4.4	4.6	4.0	3.8	**4.4**	**7.0**	**2.7**
14	3.5	3.7	4.3	5.3	5.0	5.1	7.7	7.8	7.6	7.7	7.5	7.4	6.7	7.3	7.7	8.1	7.3	6.9	7.3	7.6	7.2	7.3	7.1	5.7	**6.6**	**8.1**	**3.5**
15	5.3	5.0	5.6	5.8	4.5	4.3	5.4	5.7	6.7	7.5	7.3	6.3	6.9	7.0	7.5	6.7	6.0	5.1	4.2	5.4	3.9	3.1	2.7	1.9	**5.4**	**7.5**	**1.9**
16	0.7	1.0	0.8	0.9	0.7	0.8	1.9	3.4	5.1	6.2	10.1	9.2	9.0	8.5	9.6	7.3	6.8	6.9	5.9	4.2	2.2	4.8	3.6	1.2	**4.6**	**10.1**	**0.7**
17	1.0	1.7	1.9	1.7	1.5	1.7	3.6	5.7	7.8	8.2	6.9	7.5	6.9	6.5	5.0	4.6	7.8	5.7	8.2	7.0	6.9	4.4	4.6	3.6	**5.0**	**8.2**	**1.0**
18	2.3	3.8	3.1	3.3	3.0	5.3	6.0	7.1	7.8	6.6	7.4	6.5	6.6	7.4	9.4	11.4	7.6	7.3	5.7	5.3	4.4	3.6	1.9	1.3	**5.6**	**11.4**	**1.3**
19	1.7	2.2	1.5	1.1	1.1	1.1	1.0	1.7	2.7	3.5	4.5	4.9	4.4	5.3	5.9	9.3	7.6	7.0	3.5	2.0	2.6	1.6	1.8	1.9	**3.3**	**9.3**	**1.0**
20	2.8	1.9	2.2	2.5	1.3	2.4	1.6	3.0	2.9	3.2	3.9	4.8	5.3	5.1	4.1	3.6	3.6	3.6	2.7	1.5	1.7	4.4	1.7	1.6	**3.0**	**5.3**	**1.3**
21	1.2	1.5	1.6	0.8	1.5	2.2	3.1	3.4	3.6	4.7	5.0	6.1	5.8	8.8	7.6	4.6	5.1	4.3	4.7	3.9	3.1	3.4	3.4	6.5	**4.0**	**8.8**	**0.8**
22	4.5	1.6	4.0	4.1	2.5	5.3	3.6	4.5	3.5	5.8	8.9	9.5	12.7	11.3	10.6	13.7	11.1	8.0	7.3	5.0	3.3	2.5	2.6	2.9	**6.2**	**13.7**	**1.6**
23	3.1	3.5	2.7	3.0	4.4	4.8	4.3	6.7	8.2	9.3	10.9	11.6	15.1	14.0	11.8	10.8	5.9	7.2	7.0	8.4	12.7	9.7	7.0	3.5	**7.7**	**15.1**	**2.7**
24	3.5	5.1	5.2	5.5	4.2	3.0	3.8	7.9	11.0	10.2	10.6	11.9	13.1	9.9	9.8	8.8	9.1	7.7	4.9	5.2	4.0	3.7	3.1	2.4	**6.8**	**13.1**	**2.4**
25	2.7	1.8	1.4	1.8	1.7	2.0	1.5	2.6	6.8	6.3	8.6	9.0	9.8	9.5	10.0	15.2	10.7	3.9	4.8	3.2	2.5	1.9	2.9	3.4	**5.2**	**15.2**	**1.4**
26	4.9	4.6	5.2	4.5	5.7	4.4	4.8	5.6	8.0	7.8	7.9	10.6	13.0	11.1	11.7	9.8	6.7	4.1	4.3	6.2	10.8	6.8	6.8	6.1	**7.1**	**13.0**	**4.1**
27	6.6	8.7	11.1	9.3	9.0	10.4	12.4	12.0	10.8	10.9	11.7	11.5	11.7	13.2	10.6	8.5	6.0	4.5	4.9	5.6	4.3	4.7	4.1	4.7	**8.6**	**13.2**	**4.1**
28	3.8	3.8	6.2	5.0	5.3	4.6	5.4	4.7	5.7	7.3	9.0	6.6	7.1	8.0	8.6	7.3	7.1	7.7	5.2	4.1	2.9	1.2	1.4	2.0	**5.4**	**9.0**	**1.2**
29	0.9	1.4	2.3	1.5	1.0	1.9	1.8	1.2	1.8	3.4	5.1	4.3	4.9	5.6	4.7	3.5	5.9	4.9	3.8	2.9	1.5	1.5	1.4	1.7	**2.9**	**5.9**	**0.9**
30	1.8	0.6	1.2	1.6	1.3	1.2	1.8	2.0	3.3	3.1	4.2	5.3	5.9	4.9	5.2	5.2	5.1	6.3	6.2	3.7	2.9	4.0	3.8	4.0	**3.5**	**6.3**	**0.6**
MEAN	**3.2**	**3.4**	**3.8**	**3.7**	**3.4**	**3.8**	**4.3**	**5.1**	**6.0**	**6.7**	**7.5**	**8.0**	**8.3**	**8.5**	**8.4**	**8.6**	**7.4**	**6.4**	**5.6**	**4.7**	**4.7**	**3.9**	**3.8**	**3.6**	**5.5**		
MAX	**9.7**	**9.1**	**11.1**	**9.3**	**9.4**	**11.5**	**12.4**	**13.0**	**12.7**	**14.5**	**12.0**	**12.0**	**15.1**	**15.6**	**15.1**	**19.5**	**14.5**	**16.3**	**10.9**	**11.1**	**28.2**	**9.7**	**10.3**	**9.8**		**28.2**	
MIN	**0.7**	**0.6**	**0.8**	**0.8**	**0.7**	**0.8**	**0.8**	**1.1**	**1.7**	**3.1**	**3.7**	**4.3**	**3.9**	**4.1**	**3.4**	**3.5**	**3.6**	**3.2**	**1.9**	**1.0**	**1.5**	**0.9**	**1.0**	**1.2**			**0.6**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 5.5 mps

MAXIMUM WIND GUST = 28.2 mps DATE OF OCCURRENCE = 6/10 AT 2100 MAXIMUM DAILY MEAN = 10.1 mps DATE OF OCCURRENCE = 6/3

MINIMUM WIND GUST = 0.6 mps DATE OF OCCURRENCE = 6/30 AT 0200 MINUMUM DAILY MEAN = 2.7 mps DATE OF OCCURRENCE = 6/8

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

APPENDIX D. HOURLY TEMPERATURE DATA FOR APRIL THROUGH JUNE 2020

HarmonCreek

TEMPERATURE in Deg C for APRIL, 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	5.2	5.0	4.9	5.0	5.0	4.8	4.8	5.0	5.7	6.3	6.8	7.2	7.9	8.0	8.2	9.8	10.2	10.0	8.6	7.2	6.1	4.9	4.1	3.6	**6.4**	**10.2**	**3.6**
2	2.8	2.2	2.0	1.4	1.0	1.0	1.1	2.5	4.9	7.3	9.3	10.5	11.5	12.1	12.4	12.4	12.3	11.9	10.7	9.4	8.4	7.6	6.9	6.2	**7.0**	**12.4**	**1.0**
3	5.6	5.2	4.4	3.7	3.1	2.5	1.9	3.2	6.2	8.5	10.4	11.7	12.9	13.6	14.2	14.5	14.5	13.7	12.3	10.5	9.0	7.7	7.0	5.9	**8.4**	**14.5**	**1.9**
4	4.4	3.8	2.2	2.2	1.3	0.4	-0.1	2.8	6.1	9.0	10.9	12.2	13.7	15.0	15.9	17.0	17.3	17.1	16.2	14.6	13.0	11.7	11.1	10.5	**9.5**	**17.3**	**-0.1**
5	9.9	9.7	8.7	7.6	7.6	7.3	7.6	8.3	11.7	14.3	16.2	16.2	16.1	16.6	15.5	14.0	12.8	11.8	9.9	9.6	9.4	8.5	6.8	5.6	**10.9**	**16.6**	**5.6**
6	4.7	3.8	2.8	2.0	1.1	0.6	0.6	2.0	4.7	8.1	10.2	12.4	14.0	15.4	16.2	17.0	17.4	17.2	16.9	15.6	13.8	13.4	12.9	11.9	**9.8**	**17.4**	**0.6**
7	12.1	11.2	10.9	10.5	10.5	9.6	9.8	9.2	9.2	9.6	10.3	12.0	13.8	15.7	14.7	14.5	15.1	15.9	15.8	15.1	14.8	14.5	15.1	17.5	**12.8**	**17.5**	**9.2**
8	13.2	12.3	12.4	12.7	12.1	11.7	11.3	11.1	12.0	13.3	14.4	15.7	17.8	19.2	20.0	20.4	20.3	19.8	18.9	17.9	15.2	13.4	12.9	12.9	**15.0**	**20.4**	**11.1**
9	11.8	12.7	12.3	11.6	11.3	11.9	11.1	10.1	8.1	6.1	5.1	5.2	7.3	8.1	8.2	7.1	4.6	5.6	5.5	5.0	5.1	4.1	3.2	2.6	**7.6**	**12.7**	**2.6**
10	2.1	2.0	1.6	0.5	0.3	0.5	-0.1	-0.9	0.7	1.6	2.0	2.6	3.0	3.6	4.5	5.4	5.5	5.5	5.0	4.3	3.8	3.2	2.7	2.6	**2.6**	**5.5**	**-0.9**
11	2.8	2.7	2.3	1.4	0.8	0.1	0.0	1.4	3.3	5.0	6.0	7.3	8.4	9.2	10.3	10.7	11.3	11.0	10.5	9.7	8.5	7.7	7.4	6.5	**6.0**	**11.3**	**0.0**
12	6.1	6.3	6.3	5.9	6.2	6.1	6.2	6.9	8.9	12.3	15.7	18.6	18.8	16.5	16.0	16.5	17.2	17.7	17.4	18.3	16.0	13.2	13.1	13.6	**12.5**	**18.8**	**5.9**
13	15.2	16.0	16.4	16.4	15.3	16.0	16.9	17.2	16.2	15.3	15.1	14.6	14.0	12.2	9.4	8.7	8.3	7.1	6.0	5.4	4.9	4.6	4.6	4.6	**11.7**	**17.2**	**4.6**
14	4.3	3.9	3.8	3.3	2.6	2.2	1.8	2.5	3.3	4.1	4.6	5.0	5.5	5.7	5.6	5.4	5.1	4.7	4.1	3.6	3.4	2.5	1.5	0.9	**3.7**	**5.7**	**0.9**
15	0.1	-0.5	-0.9	-1.7	-2.2	-2.7	-2.9	-1.0	1.4	3.0	4.2	5.3	6.1	7.0	7.8	7.6	6.6	6.0	3.9	2.3	2.0	1.9	1.2	0.3	**2.3**	**7.8**	**-2.9**
16	-0.5	-0.7	-0.9	-1.0	-1.3	-1.6	-2.0	-1.4	-0.4	0.5	1.1	1.6	2.5	3.2	4.2	5.0	5.5	5.6	5.3	4.6	3.9	3.2	2.2	1.2	**1.7**	**5.6**	**-2.0**
17	0.2	-1.2	-1.6	-1.5	-1.2	-0.3	0.3	1.8	3.5	4.6	5.3	5.9	6.4	7.1	7.6	6.6	5.9	5.4	6.7	7.7	7.8	7.6	7.4	6.2	**4.1**	**7.8**	**-1.6**
18	5.2	4.4	2.9	1.8	1.0	0.9	0.9	0.9	1.0	1.8	3.2	4.7	6.0	6.9	7.3	7.5	8.0	8.3	7.9	7.0	6.3	5.9	5.2	4.5	**4.6**	**8.3**	**0.9**
19	3.9	3.4	2.8	2.3	1.9	1.6	1.9	3.8	6.5	8.7	9.7	10.7	11.6	12.3	12.6	13.1	13.2	13.2	13.1	12.5	11.8	10.3	10.3	9.3	**8.3**	**13.2**	**1.6**
20	7.2	6.3	5.5	4.7	4.2	3.6	2.9	3.1	4.3	6.1	8.2	10.1	11.3	12.5	13.4	14.0	14.2	14.2	13.5	12.4	9.7	7.3	9.1	8.4	**8.6**	**14.2**	**2.9**
21	8.0	8.8	10.1	10.1	11.3	9.3	8.4	8.1	6.8	7.8	7.7	7.3	7.6	7.3	6.7	6.3	5.8	5.6	5.1	4.2	3.4	2.9	2.4	1.9	**6.8**	**11.3**	**1.9**
22	1.2	0.5	-0.4	-0.8	-1.3	-1.7	-1.6	0.1	1.2	2.3	3.7	5.0	6.2	6.6	6.3	5.7	5.6	5.6	5.4	5.0	4.2	4.1	4.2	4.3	**3.0**	**6.6**	**-1.7**
23	3.9	3.9	4.0	4.1	4.2	4.0	4.8	5.2	7.9	13.7	15.8	15.7	15.8	15.6	13.6	12.3	12.5	12.1	12.0	11.1	11.0	10.5	10.2	10.0	**9.7**	**15.8**	**3.9**
24	9.7	9.3	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.8	9.6	10.2	11.3	14.1	15.5	16.6	16.6	16.6	15.8	14.7	13.5	12.1	10.3	9.2	**11.4**	**16.6**	**8.4**
25	8.2	7.5	6.2	4.9	4.2	3.4	3.1	5.7	9.4	12.4	14.5	15.5	16.7	17.5	18.6	19.1	19.6	19.6	19.1	13.9	13.0	12.8	12.6	12.0	**12.1**	**19.6**	**3.1**
26	11.5	11.5	11.3	11.3	11.2	10.8	10.7	10.7	10.7	10.5	10.7	10.6	10.4	9.6	9.0	8.0	7.8	7.7	7.5	7.3	6.3	5.8	5.7	5.4	**9.2**	**11.5**	**5.4**
27	5.2	4.9	4.6	4.5	4.1	3.8	3.7	4.8	6.4	8.1	9.4	10.5	11.7	12.5	13.3	13.6	14.0	13.8	13.4	12.6	11.5	9.5	9.1	8.3	**8.9**	**14.0**	**3.7**
28	9.2	9.7	9.2	9.4	9.2	9.3	8.1	8.1	8.4	9.3	10.1	11.1	13.3	14.3	14.5	14.5	14.8	15.0	14.9	14.3	13.7	13.2	12.8	12.2	**11.6**	**15.0**	**8.1**
29	12.4	12.4	12.6	12.7	13.0	14.2	15.3	16.6	18.5	19.0	21.5	22.6	22.9	23.5	23.7	23.2	21.1	20.1	19.1	17.9	16.2	14.8	12.9	11.1	**17.4**	**23.7**	**11.1**
30	10.7	10.6	10.6	10.5	10.4	10.3	10.3	10.5	11.0	11.8	12.2	12.2	13.5	11.2	10.8	11.6	11.6	10.7	9.9	9.5	8.4	8.0	7.7	7.5	**10.5**	**13.5**	**7.5**
MEAN	**6.5**	**6.3**	**5.9**	**5.5**	**5.2**	**4.9**	**4.9**	**5.6**	**6.9**	**8.3**	**9.5**	**10.3**	**11.3**	**11.7**	**11.9**	**11.9**	**11.8**	**11.6**	**11.0**	**10.1**	**9.1**	**8.2**	**7.7**	**7.2**	**8.5**		
MAX	**15.2**	**16.0**	**16.4**	**16.4**	**15.3**	**16.0**	**16.9**	**17.2**	**18.5**	**19.0**	**21.5**	**22.6**	**22.9**	**23.5**	**23.7**	**23.2**	**21.1**	**20.1**	**19.1**	**18.3**	**16.2**	**14.8**	**15.1**	**17.5**		**23.7**	
MIN	**-0.5**	**-1.2**	**-1.6**	**-1.7**	**-2.2**	**-2.7**	**-2.9**	**-1.4**	**-0.4**	**0.5**	**1.1**	**1.6**	**2.5**	**3.2**	**4.2**	**5.0**	**4.6**	**4.7**	**3.9**	**2.3**	**2.0**	**1.9**	**1.2**	**0.3**			**-2.9**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 8.5 Deg C

MAXIMUM TEMPERATURE = 23.7 Deg C DATE OF OCCURRENCE = 4/29 AT 1500 MAXIMUM DAILY MEAN = 17.4 Deg C DATE OF OCCURRENCE = 4/29

MINIMUM TEMPERATURE = -2.9 Deg C DATE OF OCCURRENCE = 4/15 AT 0700 MINUMUM DAILY MEAN = 1.7 Deg C DATE OF OCCURRENCE = 4/16

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

HarmonCreek

TEMPERATURE in Deg C for MAY, 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	7.4	7.3	7.1	6.8	6.9	6.8	7.0	7.3	8.1	9.2	9.9	10.6	9.7	9.1	9.0	9.3	9.6	9.9	9.8	9.5	9.0	7.7	6.5	5.3	**8.3**	**10.6**	**5.3**
2	5.1	4.8	3.1	4.2	3.4	2.9	5.4	7.4	10.3	12.8	14.9	16.0	17.2	18.3	19.2	19.9	20.5	21.4	20.8	20.1	19.7	19.8	20.5	21.4	**13.7**	**21.4**	**2.9**
3	21.1	20.3	19.9	19.1	18.4	16.8	16.5	16.5	17.5	17.7	18.8	20.8	21.8	22.2	22.6	22.7	22.5	22.1	21.4	20.7	19.6	19.4	18.4	17.2	**19.8**	**22.7**	**16.5**
4	16.0	14.6	13.4	12.4	11.5	9.7	8.5	8.3	8.7	9.1	9.7	10.4	10.9	11.5	11.6	11.9	12.1	11.7	10.8	9.4	8.2	7.3	6.5	5.8	**10.4**	**16.0**	**5.8**
5	5.2	4.5	3.6	3.3	2.3	1.3	2.4	3.9	4.9	5.4	6.2	7.3	8.3	8.5	8.7	8.9	9.1	9.7	9.2	7.0	7.4	7.1	7.1	7.0	**6.2**	**9.7**	**1.3**
6	6.3	5.1	3.9	4.3	4.0	3.5	3.6	3.2	3.5	4.0	4.5	4.8	5.4	6.8	8.5	9.7	11.0	11.1	10.4	9.0	7.8	5.3	4.9	3.4	**6.0**	**11.1**	**3.2**
7	2.0	2.2	1.6	0.6	0.8	1.0	1.9	4.5	8.7	11.2	13.2	14.3	15.4	16.2	16.2	16.2	16.4	16.1	15.8	15.3	14.5	12.7	11.7	10.7	**10.0**	**16.4**	**0.6**
8	9.8	8.8	8.0	7.4	6.9	6.7	7.0	7.9	8.3	7.3	7.7	7.8	7.7	4.7	1.9	1.1	1.4	1.9	2.0	1.7	1.0	0.1	-0.5	-1.0	**4.8**	**9.8**	**-1.0**
9	-1.4	-1.8	-2.0	-1.9	-2.1	-2.0	-1.6	-0.6	0.0	0.6	1.4	1.7	1.8	2.1	3.3	4.2	5.1	5.6	5.4	5.1	4.8	4.6	4.1	3.4	**1.7**	**5.6**	**-2.1**
10	2.8	2.2	1.6	1.7	1.9	2.0	2.4	4.8	7.3	8.8	10.5	11.9	12.5	13.8	14.7	15.5	15.4	15.3	14.8	9.1	7.6	7.6	6.8	5.8	**8.2**	**15.5**	**1.6**
11	5.4	5.5	5.6	5.5	5.1	4.9	4.0	2.7	3.1	3.3	3.1	3.4	3.9	3.7	4.0	4.3	4.7	4.5	4.3	4.1	4.0	3.9	3.6	3.5	**4.2**	**5.6**	**2.7**
12	3.4	3.5	3.4	3.3	3.4	3.1	3.3	4.5	5.7	7.0	8.1	8.9	9.5	10.5	11.0	11.1	11.7	11.7	11.4	10.9	10.2	9.3	8.6	7.8	**7.6**	**11.7**	**3.1**
13	7.1	6.5	4.9	4.0	2.8	2.4	3.5	5.6	8.3	10.6	12.2	13.3	14.5	15.5	16.2	16.5	17.2	17.2	16.9	15.9	13.9	12.4	9.5	7.6	**10.6**	**17.2**	**2.4**
14	5.8	5.1	6.6	6.3	7.5	8.9	10.3	10.8	11.2	12.8	14.1	15.0	15.2	17.3	19.0	20.9	20.5	20.1	20.0	19.7	19.1	18.4	17.9	17.5	**14.2**	**20.9**	**5.1**
15	16.3	16.1	16.0	15.6	16.2	16.2	17.2	19.0	21.0	22.4	23.8	24.2	24.6	25.2	23.4	24.2	22.2	19.8	18.9	18.6	18.6	17.8	16.6	16.4	**19.6**	**25.2**	**15.6**
16	16.1	15.8	15.5	15.2	14.9	14.9	14.5	15.2	16.7	17.4	18.3	19.0	20.0	21.0	21.8	22.2	22.4	22.3	21.9	21.7	20.6	20.0	19.5	18.3	**18.5**	**22.4**	**14.5**
17	18.4	18.1	18.0	17.6	17.3	17.0	16.3	16.5	18.8	20.6	22.5	24.0	24.7	26.0	26.6	26.3	25.9	24.7	23.5	22.5	21.3	20.1	19.3	18.6	**21.0**	**26.6**	**16.3**
18	17.9	17.4	17.1	17.0	16.8	16.7	17.1	18.1	19.5	20.7	22.2	23.7	25.0	25.9	26.3	25.8	24.9	23.5	22.3	20.8	19.7	19.1	18.7	18.4	**20.6**	**26.3**	**16.7**
19	17.4	15.9	14.9	14.8	14.6	14.5	14.8	15.4	15.5	16.8	17.2	18.0	18.8	19.1	19.5	20.2	20.1	19.2	18.4	16.7	16.7	16.1	14.9	14.2	**16.8**	**20.2**	**14.2**
20	13.3	12.5	11.7	10.9	10.5	10.3	11.0	11.3	11.6	13.0	13.8	14.7	16.3	17.4	18.4	18.5	18.5	18.0	17.5	16.5	15.8	15.3	14.5	14.4	**14.4**	**18.5**	**10.3**
21	13.9	13.4	12.6	12.1	11.5	11.1	11.9	13.4	14.9	16.8	18.5	19.7	20.5	20.7	20.9	20.2	19.2	18.7	18.2	17.8	17.3	16.9	16.8	16.4	**16.4**	**20.9**	**11.1**
22	15.6	15.6	15.8	15.7	15.9	14.9	14.5	14.5	15.0	15.4	15.8	15.9	16.7	17.4	18.8	19.5	19.9	20.3	20.1	19.3	17.8	16.2	15.1	14.5	**16.7**	**20.3**	**14.5**
23	13.7	13.5	12.6	11.5	11.1	11.4	11.9	13.3	14.5	15.7	18.5	20.3	21.4	22.2	23.0	23.2	23.5	23.5	23.3	22.4	20.2	17.9	16.7	16.2	**17.6**	**23.5**	**11.1**
24	16.5	15.0	14.8	14.9	15.1	15.3	16.2	19.3	21.4	22.8	23.9	24.5	24.9	25.7	26.3	26.9	27.2	27.2	26.6	25.6	24.7	23.2	21.6	20.3	**21.7**	**27.2**	**14.8**
25	19.4	18.9	18.1	17.4	17.0	16.9	17.9	19.3	22.0	24.0	25.9	27.2	28.2	28.6	26.4	25.0	28.3	29.4	29.2	27.7	26.5	25.4	24.5	23.5	**23.6**	**29.4**	**16.9**
26	22.8	20.9	20.1	18.6	18.5	18.1	19.1	21.7	23.3	24.7	26.0	27.3	28.7	29.4	29.7	30.3	30.7	30.2	29.0	27.6	26.3	24.8	23.6	22.7	**24.8**	**30.7**	**18.1**
27	21.8	21.0	20.1	19.4	19.9	19.3	19.2	20.4	21.1	21.9	23.4	24.4	25.7	26.2	26.8	26.9	26.3	26.5	25.6	24.7	24.0	23.4	22.7	22.2	**23.0**	**26.9**	**19.2**
28	21.4	20.1	19.4	18.7	18.7	18.5	18.6	19.4	19.8	20.6	20.6	21.1	21.9	23.1	23.8	24.8	25.7	26.2	26.0	25.0	22.9	21.4	20.4	20.0	**21.6**	**26.2**	**18.5**
29	19.8	20.0	19.8	19.6	19.3	19.4	19.9	20.8	21.4	22.2	23.2	23.8	24.4	24.9	25.5	22.7	18.1	17.5	17.5	17.3	17.2	16.9	15.5	14.2	**20.0**	**25.5**	**14.2**
30	13.4	12.8	11.7	10.7	10.2	10.3	10.6	11.9	13.8	15.3	16.5	18.0	18.5	19.2	19.5	19.5	19.4	19.0	18.2	16.8	15.5	13.4	11.5	9.9	**14.8**	**19.5**	**9.9**
31	8.8	8.7	8.1	8.1	7.8	8.1	9.5	10.8	12.4	13.3	14.2	14.4	15.0	15.2	15.2	15.3	15.4	15.5	14.9	13.6	12.0	10.9	9.9	7.9	**11.9**	**15.5**	**7.8**
MEAN	**12.3**	**11.7**	**11.2**	**10.8**	**10.6**	**10.3**	**10.8**	**11.8**	**13.2**	**14.3**	**15.4**	**16.3**	**17.1**	**17.7**	**18.0**	**18.2**	**18.2**	**18.1**	**17.6**	**16.5**	**15.6**	**14.7**	**13.8**	**13.0**	**14.5**		
MAX	**22.8**	**21.0**	**20.1**	**19.6**	**19.9**	**19.4**	**19.9**	**21.7**	**23.3**	**24.7**	**26.0**	**27.3**	**28.7**	**29.4**	**29.7**	**30.3**	**30.7**	**30.2**	**29.2**	**27.7**	**26.5**	**25.4**	**24.5**	**23.5**		**30.7**	
MIN	**-1.4**	**-1.8**	**-2.0**	**-1.9**	**-2.1**	**-2.0**	**-1.6**	**-0.6**	**0.0**	**0.6**	**1.4**	**1.7**	**1.8**	**2.1**	**1.9**	**1.1**	**1.4**	**1.9**	**2.0**	**1.7**	**1.0**	**0.1**	**-0.5**	**-1.0**			**-2.1**

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

MONTHLY MEAN = 14.5 Deg C

MAXIMUM TEMPERATURE = 30.7 Deg C DATE OF OCCURRENCE = 5/26 AT 1700 MAXIMUM DAILY MEAN = 24.8 Deg C DATE OF OCCURRENCE = 5/26

MINIMUM TEMPERATURE = -2.1 Deg C DATE OF OCCURRENCE = 5/9 AT 0500 MINUMUM DAILY MEAN = 1.7 Deg C DATE OF OCCURRENCE = 5/9

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

HarmonCreek

TEMPERATURE in Deg C for JUNE, 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	5.7	4.9	4.4	3.7	3.0	3.2	5.9	8.6	12.5	14.6	16.0	17.4	18.2	19.1	19.8	20.3	20.5	20.4	20.1	18.9	15.9	13.5	12.4	12.8	**13.0**	**20.5**	**3.0**
2	13.0	13.0	12.9	12.2	12.2	12.3	12.5	13.7	15.5	16.9	18.7	21.3	23.0	25.0	26.7	27.4	27.9	28.1	27.9	26.7	25.3	24.5	24.1	23.9	**20.2**	**28.1**	**12.2**
3	23.3	22.8	22.5	22.3	22.4	22.4	22.1	22.3	22.9	24.3	25.4	26.4	27.1	27.9	28.4	28.6	28.4	27.2	26.5	25.7	24.7	23.4	22.0	21.6	**24.6**	**28.6**	**21.6**
4	20.8	21.0	20.5	19.7	19.7	19.0	19.8	20.1	21.3	22.9	24.3	25.5	26.7	27.4	27.8	21.5	17.6	18.0	18.2	18.0	18.0	18.1	18.2	17.9	**20.9**	**27.8**	**17.6**
5	18.1	17.8	17.7	17.9	18.1	18.3	18.5	18.9	19.2	19.6	20.1	20.9	21.6	22.2	22.7	23.1	23.3	23.6	23.3	22.5	21.4	20.5	20.5	20.2	**20.4**	**23.6**	**17.7**
6	20.2	20.5	20.5	20.4	20.0	19.8	20.3	21.3	22.7	23.5	24.7	25.5	26.1	26.5	26.6	26.7	26.7	26.3	25.6	23.8	22.5	21.1	19.8	18.8	**22.9**	**26.7**	**18.8**
7	17.4	15.8	14.5	13.2	12.3	11.9	13.2	15.3	17.0	18.8	20.2	20.9	21.5	22.2	22.6	23.1	23.4	23.1	22.5	21.2	19.3	17.6	16.1	14.7	**18.2**	**23.4**	**11.9**
8	12.0	11.3	10.2	10.0	9.5	9.6	10.8	13.8	18.0	20.0	21.4	22.4	23.5	24.5	25.3	25.9	26.4	26.6	26.4	25.0	21.7	19.2	16.9	15.4	**18.6**	**26.6**	**9.5**
9	14.4	13.9	13.0	12.6	12.1	11.7	13.9	18.0	20.9	24.7	27.0	28.1	29.3	30.2	30.8	31.1	31.2	30.9	30.4	29.6	28.7	27.8	27.9	27.3	**23.6**	**31.2**	**11.7**
10	26.2	25.8	25.4	25.1	24.3	24.1	24.7	25.4	26.1	26.8	27.1	27.1	27.9	29.0	29.7	30.3	30.3	30.4	29.6	27.4	24.3	19.0	20.0	20.5	**26.1**	**30.4**	**19.0**
11	20.5	20.2	19.7	18.9	18.2	18.0	18.4	18.3	18.7	18.9	20.2	21.1	21.7	22.1	22.6	23.0	23.2	23.2	22.8	21.9	19.8	17.8	16.2	15.6	**20.0**	**23.2**	**15.6**
12	14.4	15.0	15.1	14.4	13.6	13.3	14.3	16.8	19.4	20.9	22.6	23.7	23.6	23.3	23.3	22.8	22.7	22.4	21.8	20.5	19.1	16.2	14.5	13.3	**18.6**	**23.7**	**13.3**
13	12.9	13.5	13.2	12.7	12.2	11.9	12.2	12.7	12.5	13.9	15.7	17.1	17.5	17.6	18.5	19.2	19.6	19.8	19.6	18.4	16.3	15.0	13.9	13.0	**15.4**	**19.8**	**11.9**
14	11.8	11.3	11.6	11.9	11.2	10.7	11.3	12.2	13.8	15.8	17.2	18.4	19.7	20.8	21.3	21.6	21.5	20.4	18.5	17.6	17.1	16.6	15.7	15.1	**16.0**	**21.6**	**10.7**
15	14.5	14.2	14.0	14.0	13.8	14.0	14.6	15.9	17.7	18.6	19.8	20.6	21.4	22.3	22.5	22.8	22.9	23.1	22.8	21.9	20.4	19.5	17.9	15.9	**18.5**	**23.1**	**13.8**
16	14.3	13.3	12.7	12.0	11.7	11.5	13.1	16.6	19.3	20.9	22.1	22.6	23.2	23.8	24.4	24.5	24.5	24.6	24.3	23.8	21.5	18.4	17.7	16.6	**19.0**	**24.6**	**11.5**
17	15.1	14.1	13.4	12.8	12.5	12.3	14.3	16.8	19.3	20.5	21.4	22.0	22.0	21.6	21.4	22.2	23.2	23.7	23.8	23.3	22.6	21.4	20.4	19.9	**19.2**	**23.8**	**12.3**
18	18.7	17.5	17.5	17.5	17.7	17.8	18.3	19.5	20.8	22.1	23.4	23.3	23.6	24.1	24.8	23.8	23.4	23.6	22.8	21.9	21.7	20.4	19.6	17.1	**20.9**	**24.8**	**17.1**
19	16.3	15.6	16.2	16.2	15.7	16.0	16.1	17.5	19.3	21.2	22.8	22.6	24.0	25.1	24.3	24.2	22.3	21.0	20.2	19.9	18.8	18.2	17.3	16.5	**19.5**	**25.1**	**15.6**
20	15.9	15.3	14.9	14.9	14.1	14.0	15.2	17.9	21.2	23.1	24.0	24.6	25.5	26.5	27.0	27.6	27.9	28.3	27.9	27.0	23.5	23.1	21.2	20.3	**21.7**	**28.3**	**14.0**
21	18.3	17.8	18.6	18.1	17.0	16.8	19.5	21.7	24.2	26.5	27.8	28.2	28.7	27.8	24.8	26.2	29.1	28.2	27.5	26.6	24.9	23.3	23.1	21.7	**23.6**	**29.1**	**16.8**
22	21.2	20.4	20.0	19.3	19.0	19.1	19.9	20.3	21.2	23.2	25.2	25.6	25.3	25.1	24.8	22.5	22.8	23.0	23.1	22.7	21.8	21.3	20.9	20.7	**22.0**	**25.6**	**19.0**
23	20.4	20.5	19.8	19.9	20.0	19.6	20.2	21.7	21.0	22.0	23.7	24.0	24.1	24.0	23.9	21.8	22.1	23.2	22.7	22.2	21.9	20.8	19.0	17.7	**21.5**	**24.1**	**17.7**
24	16.7	15.7	15.7	15.3	15.0	14.2	15.8	18.0	19.9	21.4	22.2	22.6	23.3	22.5	23.0	22.7	22.4	21.5	21.5	20.8	20.2	19.3	17.6	16.2	**19.3**	**23.3**	**14.2**
25	15.0	13.8	13.2	12.5	12.6	13.0	15.5	17.7	20.8	22.3	23.4	23.7	24.3	25.5	25.9	23.6	17.2	18.2	18.6	18.2	17.8	16.9	16.9	16.7	**18.5**	**25.9**	**12.5**
26	16.9	16.7	16.3	16.2	16.3	16.0	16.8	17.2	19.6	22.4	24.2	25.8	26.9	27.4	27.4	27.2	26.7	26.1	25.7	24.5	22.3	21.2	20.9	21.0	**21.7**	**27.4**	**16.0**
27	21.2	21.4	21.9	21.9	21.8	21.9	22.1	22.4	22.5	23.2	24.1	24.3	24.2	23.3	21.1	19.8	20.0	21.1	21.5	21.2	20.5	20.2	20.1	20.2	**21.7**	**24.3**	**19.8**
28	20.0	20.0	20.0	20.1	20.0	20.4	20.7	21.0	21.6	22.5	23.0	24.2	25.6	26.3	26.9	27.0	27.0	26.5	26.1	25.2	23.9	21.3	19.5	17.8	**22.8**	**27.0**	**17.8**
29	17.3	16.5	15.4	15.7	15.3	14.5	15.3	18.4	21.2	23.4	25.1	26.0	26.6	27.3	27.8	28.0	28.4	27.8	27.4	26.5	24.4	21.4	19.6	18.2	**22.0**	**28.4**	**14.5**
30	17.4	17.3	17.0	15.9	15.7	15.6	16.7	19.5	23.1	25.3	26.7	27.7	28.2	29.0	29.3	29.4	29.2	28.8	27.8	26.8	25.0	24.2	23.5	21.9	**23.4**	**29.4**	**15.6**
MEAN	**17.0**	**16.6**	**16.3**	**15.9**	**15.6**	**15.4**	**16.4**	**18.0**	**19.8**	**21.3**	**22.6**	**23.5**	**24.1**	**24.6**	**24.8**	**24.6**	**24.4**	**24.3**	**23.9**	**23.0**	**21.5**	**20.0**	**19.1**	**18.3**	**20.5**		
MAX	**26.2**	**25.8**	**25.4**	**25.1**	**24.3**	**24.1**	**24.7**	**25.4**	**26.1**	**26.8**	**27.8**	**28.2**	**29.3**	**30.2**	**30.8**	**31.1**	**31.2**	**30.9**	**30.4**	**29.6**	**28.7**	**27.8**	**27.9**	**27.3**		**31.2**	
MIN	**5.7**	**4.9**	**4.4**	**3.7**	**3.0**	**3.2**	**5.9**	**8.6**	**12.5**	**13.9**	**15.7**	**17.1**	**17.5**	**17.6**	**18.5**	**19.2**	**17.2**	**18.0**	**18.2**	**17.6**	**15.9**	**13.5**	**12.4**	**12.8**			**3.0**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 20.5 Deg C

MAXIMUM TEMPERATURE = 31.2 Deg C DATE OF OCCURRENCE = 6/9 AT 1700 MAXIMUM DAILY MEAN = 26.1 Deg C DATE OF OCCURRENCE = 6/10

MINIMUM TEMPERATURE = 3.0 Deg C DATE OF OCCURRENCE = 6/1 AT 0500 MINUMUM DAILY MEAN = 13.0 Deg C DATE OF OCCURRENCE = 6/1

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

APPENDIX E. HOURLY RELATIVE HUMIDITY DATA FOR APRIL THROUGH JUNE 2020

HarmonCreek

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

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 63 %

MAXIMUM RELATIVE HUMIDITY = 98 % DATE OF OCCURRENCE = 4/24 AT 0500 MAXIMUM DAILY MEAN = 92 % DATE OF OCCURRENCE = 4/26

MINIMUM RELATIVE HUMIDITY = 17 % DATE OF OCCURRENCE = 4/20 AT 1600 MINUMUM DAILY MEAN = 41 % DATE OF OCCURRENCE = 4/3

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

HarmonCreek

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

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

MONTHLY MEAN = 66 %

MAXIMUM RELATIVE HUMIDITY = 100 % DATE OF OCCURRENCE = 5/23 AT 0400 MAXIMUM DAILY MEAN = 87 % DATE OF OCCURRENCE = 5/22

MINIMUM RELATIVE HUMIDITY = 24 % DATE OF OCCURRENCE = 5/13 AT 1800 MINUMUM DAILY MEAN = 36 % DATE OF OCCURRENCE = 5/20

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

HarmonCreek

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

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 72 %

MAXIMUM RELATIVE HUMIDITY = 100 % DATE OF OCCURRENCE = 6/29 AT 0400 MAXIMUM DAILY MEAN = 92 % DATE OF OCCURRENCE = 6/5

MINIMUM RELATIVE HUMIDITY = 28 % DATE OF OCCURRENCE = 6/1 AT 1800 MINUMUM DAILY MEAN = 59 % DATE OF OCCURRENCE = 6/7

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

HarmonCreek

DEW POINT TEMPERATURE in Deg C for APRIL, 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	4.4	4.4	4.4	4.5	4.5	4.3	4.4	4.7	5.2	5.1	5.0	5.2	5.2	4.8	4.5	1.8	-0.3	-2.6	-4.5	-6.0	-6.5	-6.1	-5.2	-4.7	**1.5**	**5.2**	**-6.5**
2	-3.6	-3.0	-3.1	-3.2	-3.4	-3.6	-3.8	-4.3	-3.8	-2.9	-5.0	-5.3	-4.3	-3.4	-3.1	-3.6	-4.1	-4.0	-4.3	-3.6	-3.7	-3.6	-3.2	-3.5	**-3.7**	**-2.9**	**-5.3**
3	-4.5	-7.0	-7.5	-6.8	-6.2	-6.2	-5.9	-5.9	-8.0	-7.9	-8.5	-8.9	-6.7	-5.2	-4.3	-4.1	-3.4	-3.0	-1.4	-1.1	-0.9	-0.5	-0.5	-0.6	**-4.8**	**-0.5**	**-8.9**
4	-0.7	-0.8	-0.9	-0.9	-1.1	-1.2	-1.5	-0.1	1.1	2.1	2.7	3.0	3.2	3.3	3.3	3.2	3.2	3.2	3.7	4.4	4.5	4.4	4.3	4.2	**1.9**	**4.5**	**-1.5**
5	4.2	4.1	4.1	4.1	4.3	4.3	4.4	4.7	5.3	5.4	4.9	5.3	5.4	5.9	6.6	7.3	8.0	7.9	7.0	5.3	4.7	4.0	2.5	1.4	**5.0**	**8.0**	**1.4**
6	1.3	1.1	0.8	0.5	0.1	-0.2	-0.3	0.5	1.7	2.3	0.8	-1.0	-2.4	-3.2	-4.4	-4.7	-4.5	-4.0	-3.9	-3.3	-1.6	-0.8	-0.3	1.2	**-1.0**	**2.3**	**-4.7**
7	0.3	2.2	3.0	3.1	2.8	3.0	3.0	4.5	7.6	9.1	9.4	10.6	11.3	11.0	11.5	12.0	12.0	12.6	12.9	13.0	13.0	12.7	12.1	12.3	**8.5**	**13.0**	**0.3**
8	10.7	11.0	11.1	11.1	11.1	10.8	10.7	10.5	11.0	12.0	11.5	11.1	10.8	8.4	5.4	2.7	2.0	2.3	2.2	1.9	3.6	4.2	3.9	4.1	**7.7**	**12.0**	**1.9**
9	5.6	8.5	8.8	8.7	8.9	9.5	8.7	6.8	5.6	3.5	2.0	0.5	-2.4	-4.4	-3.6	-1.6	1.2	-0.5	-2.9	-3.8	-7.7	-7.3	-6.8	-6.0	**1.3**	**9.5**	**-7.7**
10	-5.6	-5.4	-5.2	-3.6	-4.0	-4.4	-3.2	-2.3	-3.9	-5.6	-6.1	-6.7	-5.8	-6.1	-6.4	-6.7	-6.6	-6.7	-5.7	-4.5	-4.9	-4.2	-3.5	-3.1	**-5.0**	**-2.3**	**-6.7**
11	-2.6	-2.5	-3.0	-3.7	-4.0	-4.1	-4.3	-4.4	-5.1	-5.7	-5.7	-5.0	-5.2	-5.0	-5.2	-4.5	-3.9	-3.2	-2.4	-2.3	-2.1	-2.1	-2.4	-2.3	**-3.8**	**-2.1**	**-5.7**
12	-2.4	-2.7	-2.8	-2.8	-3.2	-3.0	-1.6	0.2	0.6	0.5	-0.2	-0.4	0.7	3.7	5.0	6.3	5.8	5.0	4.9	4.7	8.9	11.5	11.9	12.3	**2.6**	**12.3**	**-3.2**
13	12.8	12.8	12.8	12.6	12.6	12.7	13.0	13.3	13.9	14.3	14.0	12.9	11.5	8.9	5.3	3.0	1.6	0.5	-0.2	-0.8	-0.7	-0.6	-0.4	-0.7	**7.7**	**14.3**	**-0.8**
14	-0.9	-0.8	-0.8	-1.1	-1.3	-1.3	-2.3	-4.9	-5.8	-6.3	-7.0	-6.5	-7.4	-8.0	-7.9	-7.8	-6.6	-5.1	-3.9	-4.3	-4.9	-3.2	-1.6	-1.9	**-4.2**	**-0.8**	**-8.0**
15	-2.3	-3.2	-4.2	-4.7	-5.2	-5.5	-5.6	-5.6	-7.7	-9.5	-10.7	-10.7	-10.2	-9.5	-8.6	-7.7	-5.2	-3.2	0.1	0.8	0.2	-0.7	-2.1	-2.8	**-5.2**	**0.8**	**-10.7**
16	-3.0	-2.9	-3.3	-4.0	-4.6	-5.3	-7.3	-8.7	-9.1	-10.7	-10.2	-8.9	-8.7	-8.1	-8.3	-9.0	-9.6	-9.8	-9.8	-9.4	-8.9	-8.6	-8.1	-7.4	**-7.7**	**-2.9**	**-10.7**
17	-6.5	-5.1	-5.4	-5.7	-5.0	-5.0	-5.0	-4.9	-6.7	-7.0	-7.0	-6.5	-5.9	-5.2	-2.2	1.8	3.1	4.6	6.0	7.0	7.1	6.6	6.7	5.3	**-1.5**	**7.1**	**-7.0**
18	4.3	3.8	2.3	1.2	0.0	-0.6	-1.2	-2.0	-2.2	-2.3	-2.6	-2.6	-2.9	-3.4	-3.9	-4.2	-4.1	-3.8	-3.7	-3.2	-2.9	-2.7	-2.5	-2.3	**-1.7**	**4.3**	**-4.2**
19	-1.6	-1.2	-1.2	-1.3	-1.5	-1.5	-1.4	-0.9	-0.1	0.3	0.6	1.1	1.1	1.2	1.2	1.1	0.5	0.5	0.5	0.7	1.2	1.8	2.0	2.4	**0.2**	**2.4**	**-1.6**
20	3.8	2.8	0.9	0.3	-0.4	-1.1	-1.1	-1.5	-2.4	-3.6	-4.9	-4.9	-6.9	-9.7	-10.5	-10.9	-10.1	-9.0	-8.5	-8.3	-5.8	-3.1	-3.6	-2.7	**-4.2**	**3.8**	**-10.9**
21	-1.9	-2.1	-2.3	-1.5	0.3	4.4	5.8	4.0	1.3	-0.2	-2.3	-5.0	-7.2	-7.3	-8.9	-9.6	-8.2	-8.6	-9.3	-7.8	-7.7	-8.2	-8.4	-8.5	**-4.1**	**5.8**	**-9.6**
22	-9.7	-9.5	-9.2	-9.0	-8.9	-8.6	-8.3	-8.3	-10.2	-10.8	-11.1	-10.9	-10.1	-9.3	-7.8	-6.6	-6.4	-6.5	-6.2	-4.5	-2.5	-2.1	-1.6	-1.5	**-7.5**	**-1.5**	**-11.1**
23	-0.5	0.0	0.1	0.3	0.4	0.5	0.6	1.4	2.5	2.4	1.9	2.3	3.1	4.3	7.4	9.4	9.8	9.7	9.7	10.1	9.8	9.6	9.4	9.2	**4.7**	**10.1**	**-0.5**
24	8.9	8.6	8.5	8.5	8.5	8.3	8.1	7.9	7.9	8.0	8.1	8.4	8.8	8.7	7.8	7.1	6.5	6.4	6.3	6.2	6.6	6.5	5.1	3.8	**7.5**	**8.9**	**3.8**
25	3.0	2.5	2.8	2.7	2.7	2.1	2.1	3.0	3.9	5.5	6.6	6.6	6.8	6.2	5.7	6.1	6.4	6.9	7.8	11.3	11.7	11.3	10.8	10.1	**6.0**	**11.7**	**2.1**
26	10.0	9.9	9.8	9.8	9.6	9.6	9.6	9.6	9.7	9.9	10.0	10.0	9.8	8.9	8.3	7.4	6.9	6.7	6.6	6.1	4.3	4.1	4.0	3.4	**8.1**	**10.0**	**3.4**
27	3.0	2.6	2.3	2.3	2.3	2.3	2.1	2.2	1.8	1.1	0.6	0.1	-1.2	-2.1	-2.5	-2.4	-2.3	-2.7	-2.5	-2.2	-0.2	2.3	2.2	3.0	**0.5**	**3.0**	**-2.7**
28	2.3	1.9	2.3	1.7	1.9	2.2	4.0	4.9	5.5	5.8	6.4	7.1	7.3	7.7	8.0	8.3	8.7	8.9	9.0	8.9	8.7	8.8	8.8	8.7	**6.2**	**9.0**	**1.7**
29	8.7	8.7	8.7	8.5	8.1	7.8	7.6	7.6	7.9	8.2	8.4	8.1	7.7	8.4	8.4	8.6	9.3	10.6	11.5	12.5	13.7	13.3	12.3	10.2	**9.4**	**13.7**	**7.6**
30	10.1	9.7	9.6	9.5	9.6	9.6	9.6	9.8	9.8	9.6	9.1	9.0	8.5	7.9	7.9	6.2	6.0	5.7	5.5	5.5	5.2	5.3	5.5	5.2	**7.9**	**10.1**	**5.2**
MEAN	**1.6**	**1.6**	**1.4**	**1.4**	**1.3**	**1.3**	**1.4**	**1.4**	**1.2**	**1.1**	**0.7**	**0.6**	**0.5**	**0.3**	**0.3**	**0.3**	**0.5**	**0.6**	**0.8**	**1.1**	**1.4**	**1.8**	**1.7**	**1.6**	**1.1**		
MAX	**12.8**	**12.8**	**12.8**	**12.6**	**12.6**	**12.7**	**13.0**	**13.3**	**13.9**	**14.3**	**14.0**	**12.9**	**11.5**	**11.0**	**11.5**	**12.0**	**12.0**	**12.6**	**12.9**	**13.0**	**13.7**	**13.3**	**12.3**	**12.3**		**14.3**	
MIN	**-9.7**	**-9.5**	**-9.2**	**-9.0**	**-8.9**	**-8.6**	**-8.3**	**-8.7**	**-10.2**	**-10.8**	**-11.1**	**-10.9**	**-10.2**	**-9.7**	**-10.5**	**-10.9**	**-10.1**	**-9.8**	**-9.8**	**-9.4**	**-8.9**	**-8.6**	**-8.4**	**-8.5**			**-11.1**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 1.1 Deg C

MAXIMUM DEW POINT TEMPERATURE = 14.3 Deg C DATE OF OCCURRENCE = 4/13 AT 1000 MAXIMUM DAILY MEAN = 9.4 Deg C DATE OF OCCURRENCE = 4/29

MINIMUM DEW POINT TEMPERATURE = -11.1 Deg C DATE OF OCCURRENCE = 4/22 AT 1100 MINUMUM DAILY MEAN = -7.7 Deg C DATE OF OCCURRENCE = 4/16

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

HarmonCreek

DEW POINT TEMPERATURE in Deg C for MAY, 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	5.1	5.3	5.6	5.7	5.7	5.8	6.0	6.0	5.9	5.4	4.6	4.5	5.5	5.8	6.2	6.5	6.7	6.5	5.9	5.8	5.9	5.9	5.5	5.0	**5.7**	**6.7**	**4.5**
2	4.7	4.4	2.9	4.1	3.1	2.8	5.1	6.3	7.0	6.6	6.1	5.1	3.5	4.2	5.0	5.8	6.3	7.1	7.4	7.7	8.1	8.4	9.3	10.4	**5.9**	**10.4**	**2.8**
3	11.2	12.1	12.1	12.0	11.8	12.8	13.4	14.2	14.4	14.4	13.7	11.3	11.1	11.3	10.7	10.8	10.3	10.4	10.6	10.8	11.1	9.0	6.7	5.7	**11.3**	**14.4**	**5.7**
4	3.7	2.4	1.9	1.8	2.1	3.7	3.7	2.0	1.5	1.3	0.9	1.1	1.2	1.9	2.3	2.2	2.1	1.9	1.9	1.9	1.9	1.8	1.7	0.7	**2.0**	**3.7**	**0.7**
5	-0.3	-0.4	-0.2	-0.9	-0.8	-0.8	-0.6	-1.1	-1.6	-2.3	-2.9	-2.7	-3.3	-3.5	-3.7	-3.1	-1.3	-0.4	1.6	4.9	4.5	5.3	5.4	5.3	**-0.1**	**5.4**	**-3.7**
6	5.5	4.1	3.4	3.9	3.4	2.9	2.9	2.5	2.6	3.1	3.2	3.3	3.4	2.9	0.8	-0.6	-5.1	-6.0	-5.9	-4.6	-4.1	-2.7	-3.2	-2.6	**0.5**	**5.5**	**-6.0**
7	-2.3	-3.1	-3.4	-3.2	-4.1	-4.4	-4.5	-3.7	-3.6	-3.9	-3.2	-4.5	-4.0	-3.1	-1.8	0.1	0.5	-0.2	0.1	0.8	0.1	-1.3	-1.6	-1.0	**-2.3**	**0.8**	**-4.5**
8	-0.8	0.2	0.9	1.5	1.9	1.9	1.7	2.0	2.6	4.1	5.6	6.3	6.2	3.4	0.8	-0.1	-0.6	-1.8	-3.5	-4.2	-4.0	-4.5	-5.7	-7.1	**0.3**	**6.3**	**-7.1**
9	-7.7	-8.0	-7.3	-6.9	-5.7	-5.2	-4.4	-4.1	-4.1	-6.4	-10.0	-9.5	-9.1	-8.8	-8.5	-8.6	-8.4	-7.7	-7.0	-6.6	-6.1	-5.5	-5.7	-5.8	**-7.0**	**-4.1**	**-10.0**
10	-5.8	-5.6	-5.3	-5.2	-5.1	-5.0	-4.8	-4.1	-4.0	-3.3	-3.0	-3.2	-2.5	-2.1	-2.6	-3.8	-3.2	-2.8	-1.9	4.7	6.1	6.3	4.9	4.7	**-2.0**	**6.3**	**-5.8**
11	4.4	4.2	3.7	3.5	3.5	3.6	2.7	1.3	0.8	0.6	0.8	0.8	0.6	0.5	0.9	-0.8	-1.1	-0.9	-0.9	-0.6	-0.9	-1.1	-1.0	-0.8	**1.0**	**4.4**	**-1.1**
12	-0.7	-0.7	-0.5	-0.2	-0.1	-0.2	-0.2	-1.0	-2.8	-4.2	-3.8	-3.5	-3.7	-3.6	-3.7	-3.2	-2.6	-2.6	-2.4	-2.2	-1.9	-1.5	-1.3	-1.3	**-2.0**	**-0.1**	**-4.2**
13	-1.4	-1.3	-1.0	-1.0	-1.0	-1.1	-0.9	-0.1	0.0	-1.5	-5.2	-3.4	-3.1	-3.6	-3.9	-4.0	-3.3	-3.6	-3.7	-3.5	-2.5	-2.4	-0.1	1.7	**-2.1**	**1.7**	**-5.2**
14	2.2	1.6	0.4	0.7	0.7	0.2	1.4	3.7	8.0	10.1	11.1	11.8	13.4	14.0	14.8	14.7	14.2	14.3	14.4	14.7	15.3	15.5	14.9	14.7	**9.4**	**15.5**	**0.2**
15	15.0	14.8	14.5	14.7	14.6	14.5	14.3	14.0	13.7	14.1	14.1	14.1	14.1	14.2	15.2	14.8	15.9	16.9	16.7	16.6	16.5	16.3	16.2	16.2	**15.1**	**16.9**	**13.7**
16	15.9	15.4	15.2	14.8	14.7	14.4	14.3	14.8	14.0	13.6	13.4	12.6	11.5	9.7	9.8	9.9	9.6	9.4	10.0	10.2	10.7	10.4	9.8	10.1	**12.2**	**15.9**	**9.4**
17	9.0	8.6	8.7	8.8	9.1	9.4	10.4	11.6	12.1	13.4	14.9	15.7	16.0	16.3	16.1	16.0	16.4	16.1	15.6	15.2	14.4	13.8	13.7	13.8	**13.1**	**16.4**	**8.6**
18	13.7	13.7	13.7	13.7	13.8	13.8	14.0	14.2	14.4	14.5	14.6	14.8	14.8	14.5	14.5	14.5	13.8	14.0	13.9	13.9	13.5	13.4	13.3	13.3	**14.0**	**14.8**	**13.3**
19	13.6	14.1	13.5	13.1	12.2	10.8	9.0	7.7	7.5	7.0	6.8	6.2	5.2	4.8	4.8	5.2	4.7	3.6	3.1	2.5	0.8	-0.2	0.6	-0.4	**6.5**	**14.1**	**-0.4**
20	-1.0	-0.7	0.4	1.0	0.9	0.5	0.2	-1.9	-2.5	-2.9	-2.8	-2.6	-2.7	-2.1	-2.1	-1.8	-1.2	-0.3	0.6	0.8	1.0	0.2	0.5	1.4	**-0.7**	**1.4**	**-2.9**
21	1.9	1.6	1.5	1.4	2.0	3.7	5.7	7.0	8.3	9.4	10.1	10.6	11.2	11.7	12.1	11.6	11.5	11.2	11.0	11.1	11.1	11.3	11.5	11.9	**8.3**	**12.1**	**1.4**
22	12.2	12.3	12.5	12.6	12.6	13.2	13.8	14.2	14.5	14.7	14.7	15.0	15.6	15.8	15.5	15.4	15.2	15.1	15.2	15.0	15.1	15.3	14.7	14.4	**14.3**	**15.8**	**12.2**
23	13.6	13.4	12.6	11.5	11.2	11.5	12.0	13.4	14.6	15.7	15.5	14.3	13.6	13.4	13.5	13.6	14.0	13.8	13.9	14.3	15.3	15.5	15.2	14.7	**13.8**	**15.7**	**11.2**
24	14.1	13.9	13.5	13.3	13.3	13.2	13.8	14.6	14.6	15.3	15.7	16.5	17.4	18.4	18.7	18.4	18.0	18.0	18.4	18.4	18.2	18.2	17.8	17.4	**16.2**	**18.7**	**13.2**
25	16.9	16.7	16.4	16.1	15.9	15.8	16.4	17.1	18.3	19.4	20.0	19.8	18.8	18.2	19.3	21.0	20.8	18.9	18.3	17.2	16.7	16.9	16.8	16.9	**17.9**	**21.0**	**15.8**
26	17.0	17.0	16.9	16.8	16.7	16.5	17.0	17.7	17.8	17.7	17.1	15.6	13.8	13.6	13.6	14.0	11.6	11.4	12.4	13.2	13.8	13.9	14.0	14.0	**15.1**	**17.8**	**11.4**
27	14.0	14.2	14.4	14.6	14.8	14.9	15.3	15.8	16.0	16.2	16.2	16.1	16.1	15.8	15.4	16.0	16.4	16.2	16.5	16.5	16.4	16.2	16.3	16.2	**15.7**	**16.5**	**14.0**
28	16.2	16.9	17.3	17.6	17.6	17.9	18.2	18.7	19.2	19.7	19.1	18.7	18.7	19.1	19.1	18.5	18.2	18.3	18.1	18.3	18.9	18.9	18.4	18.3	**18.3**	**19.7**	**16.2**
29	18.3	19.1	19.3	19.2	18.9	18.7	19.1	19.3	19.1	18.8	17.8	17.1	17.1	16.6	16.3	15.3	16.5	16.6	16.8	17.1	17.0	16.2	14.5	13.8	**17.4**	**19.3**	**13.8**
30	13.1	12.7	11.6	10.7	10.3	10.3	10.7	11.9	13.6	13.2	13.5	12.1	12.1	11.1	9.7	9.8	9.2	9.2	9.0	8.3	7.9	8.7	9.5	9.2	**10.7**	**13.6**	**7.9**
31	8.6	8.6	8.0	7.8	7.3	7.3	8.1	7.8	6.3	5.2	3.9	3.9	4.1	4.2	3.9	3.5	3.3	2.8	2.5	2.3	2.7	3.1	3.3	4.3	**5.1**	**8.6**	**2.3**
MEAN	**7.4**	**7.3**	**7.2**	**7.2**	**7.1**	**7.2**	**7.5**	**7.8**	**8.0**	**8.0**	**7.8**	**7.7**	**7.6**	**7.6**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**	**7.8**	**7.9**	**7.8**	**7.6**	**7.6**	**7.5**		
MAX	**18.3**	**19.1**	**19.3**	**19.2**	**18.9**	**18.7**	**19.1**	**19.3**	**19.2**	**19.7**	**20.0**	**19.8**	**18.8**	**19.1**	**19.3**	**21.0**	**20.8**	**18.9**	**18.4**	**18.4**	**18.9**	**18.9**	**18.4**	**18.3**		**21.0**	
MIN	**-7.7**	**-8.0**	**-7.3**	**-6.9**	**-5.7**	**-5.2**	**-4.8**	**-4.1**	**-4.1**	**-6.4**	**-10.0**	**-9.5**	**-9.1**	**-8.8**	**-8.5**	**-8.6**	**-8.4**	**-7.7**	**-7.0**	**-6.6**	**-6.1**	**-5.5**	**-5.7**	**-7.1**			**-10.0**

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

MONTHLY MEAN = 7.5 Deg C

MAXIMUM DEW POINT TEMPERATURE = 21.0 Deg C DATE OF OCCURRENCE = 5/25 AT 1600 MAXIMUM DAILY MEAN = 18.3 Deg C DATE OF OCCURRENCE = 5/28

MINIMUM DEW POINT TEMPERATURE = -10.0 Deg C DATE OF OCCURRENCE = 5/9 AT 1100 MINUMUM DAILY MEAN = -7.0 Deg C DATE OF OCCURRENCE = 5/9

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

HarmonCreek

DEW POINT TEMPERATURE in Deg C for JUNE, 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	4.7	4.3	4.0	3.4	2.8	3.0	4.5	5.7	4.9	3.9	3.9	2.5	1.5	2.1	2.1	1.4	1.5	1.3	2.8	3.8	6.0	7.0	7.2	7.1	**3.8**	**7.2**	**1.3**
2	7.2	7.9	8.5	9.9	10.1	9.7	10.2	10.4	9.6	9.8	10.0	10.3	12.4	13.9	14.9	15.0	15.2	15.4	14.9	14.7	14.6	14.2	13.5	13.2	**11.9**	**15.4**	**7.2**
3	13.3	13.3	13.5	13.6	13.8	14.0	14.6	15.0	15.5	16.3	17.2	18.0	18.0	17.5	17.8	17.4	17.4	16.9	16.8	17.0	16.9	17.1	18.1	18.7	**16.2**	**18.7**	**13.3**
4	18.9	18.9	18.5	18.1	17.9	17.9	18.1	18.4	18.7	18.8	18.5	18.8	18.6	18.6	18.0	17.1	16.9	17.5	17.7	17.4	17.4	17.3	17.2	17.3	**18.0**	**18.9**	**16.9**
5	17.4	17.3	17.4	17.6	17.8	18.0	18.3	18.6	18.8	18.7	19.0	19.2	19.5	19.7	19.9	19.8	19.9	19.9	19.7	19.8	19.9	19.7	19.9	19.6	**19.0**	**19.9**	**17.3**
6	19.7	19.7	19.6	19.6	19.5	19.5	19.6	19.2	18.2	16.8	13.8	12.7	11.5	12.1	12.6	12.7	12.6	11.4	11.6	11.1	10.7	11.2	11.0	10.4	**14.9**	**19.7**	**10.4**
7	10.3	10.4	10.2	10.1	9.5	9.4	10.0	10.5	11.0	10.5	9.4	9.3	9.5	10.3	10.2	10.3	10.3	8.9	9.0	8.3	8.2	8.7	9.1	9.4	**9.7**	**11.0**	**8.2**
8	10.2	10.2	9.6	9.5	8.8	8.7	9.4	10.8	10.1	9.4	8.5	8.8	8.5	7.6	7.8	7.9	7.8	8.0	9.6	9.7	12.6	13.2	13.4	13.0	**9.7**	**13.4**	**7.6**
9	12.7	12.5	12.2	11.9	11.5	10.9	11.9	13.7	15.7	18.3	19.9	19.8	18.9	17.8	19.4	19.0	19.6	20.1	20.8	20.8	20.3	20.4	19.6	19.5	**17.0**	**20.8**	**10.9**
10	19.9	20.2	20.4	20.6	20.8	20.7	20.7	20.9	21.1	21.5	21.7	21.8	21.8	21.7	21.5	21.5	21.4	21.5	21.1	20.5	20.2	18.1	19.0	19.7	**20.7**	**21.8**	**18.1**
11	19.8	19.3	18.5	16.9	16.3	16.1	16.4	15.8	15.3	13.9	13.2	12.5	11.7	11.6	11.8	11.9	12.0	12.0	11.9	11.9	13.1	13.3	13.2	12.9	**14.2**	**19.8**	**11.6**
12	12.7	12.4	12.2	11.9	11.7	11.4	12.2	12.4	11.5	11.3	10.5	8.6	9.8	10.4	10.0	7.8	8.1	8.0	8.4	8.6	8.5	10.1	10.8	11.0	**10.4**	**12.7**	**7.8**
13	10.5	10.1	9.7	9.8	10.1	10.6	10.8	10.6	10.8	10.3	9.0	8.2	7.4	8.3	6.0	5.9	5.9	5.8	4.9	5.9	7.3	7.3	5.8	5.0	**8.2**	**10.8**	**4.9**
14	5.0	5.0	4.8	4.2	4.1	4.1	4.3	4.7	5.7	6.7	7.9	8.9	9.6	10.1	10.1	10.4	11.2	12.0	12.3	12.3	11.8	11.5	11.9	12.3	**8.4**	**12.3**	**4.1**
15	12.4	12.4	12.3	12.2	12.1	12.1	12.1	12.0	12.2	12.3	12.5	12.5	11.7	11.9	12.3	12.5	12.6	12.2	12.6	12.8	12.9	12.9	13.0	13.2	**12.4**	**13.2**	**11.7**
16	13.1	12.7	12.4	11.7	11.5	11.2	12.0	13.1	12.0	11.0	10.4	8.7	8.4	8.3	8.5	8.2	9.1	8.8	9.0	9.0	9.9	11.7	11.2	11.5	**10.6**	**13.1**	**8.2**
17	12.2	12.2	12.1	11.6	11.4	11.1	11.5	12.4	11.1	10.4	10.5	10.9	11.3	11.8	12.7	13.6	13.5	12.8	12.7	11.9	11.6	11.9	12.2	12.5	**11.9**	**13.6**	**10.4**
18	12.7	13.0	13.1	13.4	13.8	14.7	15.2	15.9	16.3	16.1	15.7	16.1	16.3	16.3	16.3	16.4	16.3	15.9	15.1	15.5	15.7	15.9	15.8	15.9	**15.3**	**16.4**	**12.7**
19	15.8	15.3	15.5	15.3	15.2	15.6	15.6	16.7	17.6	17.1	16.5	16.9	16.6	16.2	16.7	16.4	16.6	17.6	17.5	16.9	17.1	16.9	16.7	16.0	**16.4**	**17.6**	**15.2**
20	15.8	15.2	14.9	14.8	14.0	14.0	14.7	16.4	17.4	17.3	17.2	17.3	17.2	17.0	16.3	16.1	15.8	15.4	15.7	16.2	18.1	17.2	17.3	17.2	**16.2**	**18.1**	**14.0**
21	17.0	16.7	16.6	16.5	16.1	16.1	17.4	18.6	19.2	18.2	17.9	18.5	18.3	17.7	17.9	17.1	16.7	18.9	19.8	18.8	18.9	19.1	19.0	18.8	**17.9**	**19.8**	**16.1**
22	18.6	18.6	18.3	18.0	17.9	18.1	18.5	18.9	19.1	19.8	19.6	19.4	19.3	19.2	19.2	19.8	20.8	20.4	20.3	19.8	19.5	19.3	19.4	19.7	**19.2**	**20.8**	**17.9**
23	19.5	19.4	19.0	18.9	18.7	18.5	18.8	19.0	19.3	19.6	19.7	19.4	19.4	19.7	19.8	20.2	20.6	20.2	20.3	20.2	16.7	15.5	14.2	13.8	**18.8**	**20.6**	**13.8**
24	13.8	13.6	13.1	12.7	12.5	12.3	12.8	13.6	13.8	13.5	12.9	12.4	12.2	13.1	13.3	13.0	13.1	13.4	14.4	14.1	13.8	14.4	14.6	14.4	**13.4**	**14.6**	**12.2**
25	13.8	13.3	12.7	12.2	12.3	12.4	13.4	14.2	14.1	14.1	14.0	13.9	13.3	12.1	11.0	11.6	14.3	14.8	15.3	15.9	16.0	15.7	14.9	14.6	**13.7**	**16.0**	**11.0**
26	14.6	14.8	14.8	14.8	14.7	14.7	15.1	15.3	16.3	16.8	16.7	16.0	15.0	14.0	13.9	14.1	15.4	16.8	17.7	18.4	19.0	19.6	19.7	19.8	**16.2**	**19.8**	**13.9**
27	19.8	19.6	19.6	19.5	19.4	19.3	19.3	19.6	19.9	20.2	20.6	20.7	20.8	20.5	20.4	19.3	19.5	19.9	20.0	20.0	19.9	19.7	19.6	19.5	**19.9**	**20.8**	**19.3**
28	19.3	19.4	19.8	20.0	19.9	20.1	20.2	20.3	20.5	20.4	20.5	20.3	20.1	20.0	19.7	19.6	19.9	20.1	19.9	17.8	16.6	18.2	17.9	17.5	**19.5**	**20.5**	**16.6**
29	17.1	16.3	15.3	15.7	15.3	14.4	15.3	17.1	17.6	17.7	17.5	16.9	17.0	16.9	16.5	16.1	16.0	16.6	16.8	16.5	17.1	18.2	18.0	17.3	**16.6**	**18.2**	**14.4**
30	16.7	16.5	16.4	15.7	15.4	15.4	15.8	16.8	17.2	16.6	15.6	14.7	14.7	14.1	14.4	15.0	15.2	15.7	16.0	16.4	16.7	16.5	16.2	16.2	**15.8**	**17.2**	**14.1**
MEAN	**14.5**	**14.3**	**14.2**	**14.0**	**13.8**	**13.8**	**14.3**	**14.9**	**15.0**	**14.9**	**14.7**	**14.5**	**14.3**	**14.3**	**14.4**	**14.2**	**14.5**	**14.6**	**14.8**	**14.7**	**14.9**	**15.1**	**15.0**	**14.9**	**14.5**		
MAX	**19.9**	**20.2**	**20.4**	**20.6**	**20.8**	**20.7**	**20.7**	**20.9**	**21.1**	**21.5**	**21.7**	**21.8**	**21.8**	**21.7**	**21.5**	**21.5**	**21.4**	**21.5**	**21.1**	**20.8**	**20.3**	**20.4**	**19.9**	**19.8**		**21.8**	
MIN	**4.7**	**4.3**	**4.0**	**3.4**	**2.8**	**3.0**	**4.3**	**4.7**	**4.9**	**3.9**	**3.9**	**2.5**	**1.5**	**2.1**	**2.1**	**1.4**	**1.5**	**1.3**	**2.8**	**3.8**	**6.0**	**7.0**	**5.8**	**5.0**			**1.3**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 14.5 Deg C

MAXIMUM DEW POINT TEMPERATURE = 21.8 Deg C DATE OF OCCURRENCE = 6/10 AT 1300 MAXIMUM DAILY MEAN = 20.7 Deg C DATE OF OCCURRENCE = 6/10

MINIMUM DEW POINT TEMPERATURE = 1.3 Deg C DATE OF OCCURRENCE = 6/1 AT 1800 MINUMUM DAILY MEAN = 3.8 Deg C DATE OF OCCURRENCE = 6/1

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

APPENDIX F. HOURLY BAROMETRIC PRESSURE DATA FOR APRIL THROUGH JUNE 2020

HarmonCreek

PRESSURE in mb for APRIL, 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	969	968	968	968	968	969	969	970	970	971	971	971	971	971	971	971	971	972	972	973	974	974	975	975	**971**	**975**	**968**
2	975	975	975	975	975	976	976	977	977	977	976	976	975	975	974	974	974	974	975	975	975	975	975	975	**975**	**977**	**974**
3	975	975	975	975	975	975	975	975	975	975	975	974	974	973	973	973	973	973	974	974	975	975	975	975	**974**	**975**	**973**
4	975	975	975	975	975	975	976	976	977	977	976	976	976	975	974	974	973	974	974	975	975	975	975	975	**975**	**977**	**973**
5	975	975	974	974	975	975	976	976	976	976	976	976	976	976	976	976	976	977	977	977	978	978	978	979	**976**	**979**	**974**
6	978	978	978	978	978	979	979	980	980	980	979	979	978	977	976	975	975	975	975	975	975	975	974	974	**977**	**980**	**974**
7	974	973	973	973	973	972	973	973	973	973	973	971	970	969	968	967	967	966	965	965	964	964	962	961	**969**	**974**	**961**
8	965	965	963	961	962	962	963	964	964	964	965	965	965	964	964	964	964	964	964	963	963	962	961	960	**963**	**965**	**960**
9	961	957	955	955	956	955	956	956	957	959	960	961	961	960	959	959	960	960	960	961	962	962	962	962	**959**	**962**	**955**
10	962	963	963	963	963	963	965	966	967	967	968	969	969	969	970	970	970	970	971	972	972	973	973	973	**968**	**973**	**962**
11	973	973	973	973	973	974	975	975	975	976	976	975	975	974	974	974	974	974	974	974	975	975	974	974	**974**	**976**	**973**
12	973	973	973	973	973	974	973	974	973	973	973	971	971	972	971	970	968	968	967	967	967	965	963	961	**970**	**974**	**961**
13	960	958	956	955	955	954	953	953	953	953	955	957	960	962	965	967	970	972	974	975	976	977	977	978	**963**	**978**	**953**
14	978	978	978	978	978	979	979	980	979	979	979	979	978	977	976	976	976	977	977	977	977	978	978	978	**978**	**980**	**976**
15	978	977	977	977	977	977	977	977	977	976	976	974	973	972	971	970	971	972	973	974	975	976	976	977	**975**	**978**	**970**
16	978	978	978	979	979	980	981	981	982	982	982	982	982	982	982	981	981	981	981	981	982	983	983	984	**981**	**984**	**978**
17	984	983	983	983	983	983	983	982	981	980	979	978	976	974	973	972	971	971	970	969	969	969	968	968	**976**	**984**	**968**
18	968	968	968	969	970	971	972	974	974	975	975	975	975	974	974	973	973	972	972	972	973	973	973	973	**972**	**975**	**968**
19	972	972	972	972	972	971	971	971	971	971	970	969	968	967	967	966	966	966	966	966	967	967	966	966	**969**	**972**	**966**
20	966	966	966	966	966	965	966	966	966	966	966	965	965	964	964	963	963	963	963	963	964	964	963	963	**965**	**966**	**963**
21	962	961	960	958	958	959	959	960	961	961	962	963	963	964	965	966	967	968	969	970	972	972	973	973	**964**	**973**	**958**
22	973	973	973	974	974	975	976	977	977	977	977	976	976	976	975	975	975	976	975	975	975	975	975	975	**975**	**977**	**973**
23	974	973	972	971	971	971	971	971	970	970	970	970	969	968	968	967	967	966	966	965	965	965	964	964	**969**	**974**	**964**
24	963	963	962	962	962	962	963	964	964	965	966	966	967	967	967	967	967	968	969	970	971	971	972	972	**966**	**972**	**962**
25	972	972	972	973	973	973	974	974	974	974	974	973	972	971	970	969	969	968	968	969	969	969	969	968	**971**	**974**	**968**
26	967	967	966	966	965	965	965	965	964	964	964	964	963	964	964	965	966	967	968	969	971	972	973	974	**966**	**974**	**963**
27	974	975	975	976	976	977	978	978	978	979	979	979	979	979	978	978	978	978	978	978	978	978	978	979	**978**	**979**	**974**
28	979	978	978	977	977	977	977	977	977	976	976	976	975	975	975	974	974	974	974	974	974	973	973	973	**976**	**979**	**973**
29	972	971	971	969	969	970	970	969	969	968	967	967	965	964	964	963	963	964	965	965	964	964	965	965	**967**	**972**	**963**
30	966	965	964	964	964	963	964	962	963	963	963	963	962	963	963	963	964	964	965	965	966	966	966	966	**964**	**966**	**962**
MEAN	**971**	**971**	**971**	**970**	**970**	**971**	**971**	**971**	**972**	**972**	**972**	**971**	**971**	**971**	**970**	**970**	**970**	**970**	**971**	**971**	**971**	**972**	**971**	**971**	**971**		
MAX	**984**	**983**	**983**	**983**	**983**	**983**	**983**	**982**	**982**	**982**	**982**	**982**	**982**	**982**	**982**	**981**	**981**	**981**	**981**	**981**	**982**	**983**	**983**	**984**		**984**	
MIN	**960**	**957**	**955**	**955**	**955**	**954**	**953**	**953**	**953**	**953**	**955**	**957**	**960**	**960**	**959**	**959**	**960**	**960**	**960**	**961**	**962**	**962**	**961**	**960**			**953**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 971 mb

MAXIMUM PRESSURE = 984 mb DATE OF OCCURRENCE = 4/17 AT 0100 MAXIMUM DAILY MEAN = 981 mb DATE OF OCCURRENCE = 4/16

MINIMUM PRESSURE = 953 mb DATE OF OCCURRENCE = 4/13 AT 0700 MINUMUM DAILY MEAN = 959 mb DATE OF OCCURRENCE = 4/9

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

HarmonCreek

PRESSURE in mb for MAY, 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	966	966	966	967	967	968	969	970	971	971	971	972	972	973	973	974	974	975	976	976	977	977	977	**971**	**977**	**966**
2	977	977	977	977	978	978	979	979	979	978	978	977	976	975	974	973	972	971	971	970	970	970	969	969	**975**	**979**	**969**
3	969	969	969	970	970	971	971	971	971	971	970	970	969	969	968	968	967	967	967	967	967	968	967	968	**969**	**971**	**967**
4	968	969	969	969	970	971	972	973	974	974	975	975	976	976	975	975	976	976	976	977	977	976	976	976	**974**	**977**	**968**
5	977	976	975	975	975	975	975	975	974	974	973	972	972	971	970	969	969	968	968	968	968	968	968	968	**972**	**977**	**968**
6	967	967	967	967	967	967	968	968	969	969	970	970	970	971	971	970	970	971	971	972	973	973	973	973	**970**	**973**	**967**
7	973	972	972	972	972	973	973	973	973	973	972	971	970	969	969	968	968	968	968	969	969	971	971	971	**971**	**973**	**968**
8	970	970	969	969	968	968	968	968	967	967	966	966	965	966	967	968	968	969	970	971	972	973	974	975	**969**	**975**	**965**
9	975	975	975	975	975	975	976	976	976	976	977	978	979	979	979	979	979	979	979	979	979	980	980	980	**977**	**980**	**975**
10	980	979	979	979	979	979	979	979	979	979	978	977	976	975	974	973	972	972	972	973	973	973	973	972	**976**	**980**	**972**
11	972	971	971	971	971	972	973	974	975	975	976	977	977	977	977	977	978	978	978	978	979	979	979	979	**976**	**979**	**971**
12	979	979	979	979	980	980	981	981	981	981	981	981	980	980	980	979	980	980	980	980	981	981	981	981	**980**	**981**	**979**
13	982	982	982	983	983	984	985	985	986	986	986	985	985	984	983	983	983	982	982	982	983	983	983	982	**983**	**986**	**982**
14	982	982	982	981	981	981	981	981	981	980	980	979	979	978	977	976	976	975	975	974	975	975	976	975	**978**	**982**	**974**
15	975	975	974	975	975	975	975	975	975	974	974	973	973	972	972	971	972	972	973	973	973	974	974	975	**974**	**975**	**971**
16	975	976	976	976	977	977	978	978	979	979	979	979	979	979	978	978	978	978	977	978	978	978	978	977	**978**	**979**	**975**
17	977	977	976	976	976	976	977	977	977	976	976	976	975	974	974	973	972	972	972	973	973	973	973	973	**975**	**977**	**972**
18	973	973	972	972	972	972	972	973	973	972	972	972	971	970	970	969	969	970	970	971	972	972	972	972	**972**	**973**	**969**
19	973	973	973	973	974	974	975	975	975	976	976	976	976	976	976	976	976	977	977	978	979	979	980	980	**976**	**980**	**973**
20	980	980	980	980	980	981	981	982	982	982	983	982	982	982	981	981	981	981	981	982	982	982	982	982	**981**	**983**	**980**
21	982	982	982	982	982	982	982	982	982	982	982	982	981	981	981	980	980	980	980	980	980	980	980	979	**981**	**982**	**979**
22	979	978	978	977	977	977	977	977	977	977	977	977	976	976	975	975	975	974	974	974	975	975	976	976	**976**	**979**	**974**
23	975	975	975	975	975	976	977	977	977	978	977	977	977	977	976	976	976	976	976	976	976	977	977	977	**976**	**978**	**975**
24	977	977	976	977	977	977	978	978	978	978	978	978	978	977	977	976	976	976	976	976	976	977	977	977	**977**	**978**	**976**
25	977	977	977	977	978	978	978	979	979	979	979	979	978	978	978	977	977	976	977	977	978	978	978	978	**978**	**979**	**976**
26	978	978	978	978	979	979	980	980	980	980	980	979	979	978	978	977	977	977	977	977	977	978	978	978	**978**	**980**	**977**
27	978	978	978	978	978	979	979	979	979	979	978	978	978	977	977	976	976	976	976	976	976	977	977	977	**978**	**979**	**976**
28	977	977	976	975	975	974	973	973	973	973	973	974	975	974	974	974	973	973	973	973	973	974	973	973	**974**	**977**	**973**
29	973	973	973	973	973	974	974	974	974	974	973	973	972	971	970	971	972	972	972	973	974	974	975	975	**973**	**975**	**970**
30	976	976	976	976	976	976	977	977	977	977	977	976	976	976	976	976	976	977	977	978	978	979	979	979	**977**	**979**	**976**
31	979	979	979	980	980	981	982	982	982	983	982	982	982	983	982	982	982	982	983	983	983	984	984	985	**982**	**985**	**979**
MEAN	**976**	**975**	**975**	**975**	**975**	**976**	**976**	**976**	**977**	**977**	**976**	**976**	**976**	**976**	**975**	**975**	**975**	**975**	**975**	**975**	**976**	**976**	**976**	**976**	**976**		
MAX	**982**	**982**	**982**	**983**	**983**	**984**	**985**	**985**	**986**	**986**	**986**	**985**	**985**	**984**	**983**	**983**	**983**	**982**	**983**	**983**	**983**	**984**	**984**	**985**		**986**	
MIN	**967**	**966**	**966**	**966**	**967**	**967**	**968**	**968**	**967**	**967**	**966**	**966**	**965**	**966**	**967**	**968**	**967**	**967**	**967**	**967**	**967**	**968**	**967**	**968**			**965**

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

MONTHLY MEAN = 976 mb

MAXIMUM PRESSURE = 986 mb DATE OF OCCURRENCE = 5/13 AT 0900 MAXIMUM DAILY MEAN = 983 mb DATE OF OCCURRENCE = 5/13

MINIMUM PRESSURE = 965 mb DATE OF OCCURRENCE = 5/8 AT 1300 MINUMUM DAILY MEAN = 969 mb DATE OF OCCURRENCE = 5/3

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

HarmonCreek

PRESSURE in mb for JUNE, 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	984	984	984	984	985	986	986	986	986	986	985	985	984	983	982	981	981	980	980	980	980	980	980	980	**983**	**986**	**980**
2	980	979	979	978	979	978	978	977	976	976	975	974	973	972	972	971	971	970	970	970	970	970	970	970	**974**	**980**	**970**
3	970	969	969	969	969	969	969	968	968	967	968	968	968	967	967	967	967	967	967	968	969	969	970	970	**968**	**970**	**967**
4	970	970	970	970	970	971	971	971	972	972	971	971	970	969	969	970	971	970	970	970	971	971	971	971	**971**	**972**	**969**
5	971	971	971	971	971	971	972	972	972	972	973	973	972	972	971	971	971	971	972	972	971	972	972	972	**972**	**973**	**971**
6	972	971	971	971	972	972	973	973	974	974	973	973	973	973	973	972	972	972	972	972	973	974	974	975	**973**	**975**	**971**
7	975	975	975	975	976	976	977	977	977	977	978	978	977	977	976	976	976	976	976	976	976	977	977	978	**976**	**978**	**975**
8	978	977	977	977	977	977	978	978	978	978	978	978	978	977	976	976	975	975	975	975	975	975	975	975	**977**	**978**	**975**
9	975	974	974	973	973	973	974	974	974	973	973	973	972	972	971	971	970	970	970	970	970	970	970	970	**972**	**975**	**970**
10	970	969	969	969	970	970	970	971	970	970	970	970	969	969	968	967	967	966	966	966	968	969	968	969	**969**	**971**	**966**
11	970	970	971	972	973	974	975	976	977	977	978	978	978	979	979	979	979	979	979	980	980	981	981	981	**977**	**981**	**970**
12	981	981	981	980	980	981	981	981	982	982	981	981	981	981	981	981	981	981	981	981	981	981	981	981	**981**	**982**	**980**
13	981	981	982	982	982	982	983	983	983	983	983	983	983	983	983	982	982	982	982	982	982	983	983	983	**982**	**983**	**981**
14	983	983	983	983	983	984	984	985	985	984	984	984	983	983	983	982	982	983	983	984	984	984	985	985	**984**	**985**	**982**
15	985	985	985	985	985	986	986	986	987	987	987	987	986	986	986	986	985	985	985	985	985	986	986	986	**986**	**987**	**985**
16	986	986	986	986	986	986	987	987	987	987	987	986	986	985	984	984	983	983	983	983	982	983	983	983	**985**	**987**	**982**
17	982	982	982	982	982	982	982	983	983	983	983	982	982	982	981	980	980	979	979	979	979	979	979	978	**981**	**983**	**978**
18	978	978	978	978	978	978	978	978	978	978	978	978	977	977	976	976	976	976	976	976	976	977	976	976	**977**	**978**	**976**
19	977	977	977	977	977	977	978	978	978	978	977	977	977	976	976	976	976	976	977	977	977	977	977	977	**977**	**978**	**976**
20	977	976	976	976	976	977	977	978	977	977	977	977	977	976	975	975	974	974	974	974	974	974	975	974	**976**	**978**	**974**
21	974	974	974	974	974	974	974	975	975	974	974	974	974	974	973	973	972	972	973	972	972	973	973	973	**974**	**975**	**972**
22	973	973	973	973	973	974	973	973	973	973	973	973	972	972	972	971	971	970	971	971	971	971	971	971	**972**	**974**	**970**
23	970	969	969	968	968	968	967	967	967	966	966	966	965	965	964	964	965	964	964	965	966	967	967	968	**966**	**970**	**964**
24	968	968	968	969	969	969	970	969	969	969	969	970	970	970	970	970	971	971	971	971	971	972	972	973	**970**	**973**	**968**
25	973	973	973	973	973	974	974	974	975	975	975	975	975	974	974	974	976	974	974	975	975	975	976	976	**974**	**976**	**973**
26	976	976	977	977	977	977	977	977	977	977	976	976	975	975	975	975	974	974	974	974	973	973	973	973	**975**	**977**	**973**
27	972	972	972	971	971	971	970	970	970	970	971	971	971	970	971	970	970	970	969	969	969	969	970	970	**970**	**972**	**969**
28	969	969	969	969	969	969	969	970	970	970	970	970	970	969	969	969	969	968	969	969	970	971	971	972	**970**	**972**	**968**
29	972	972	972	972	973	973	974	974	975	975	974	974	974	974	973	973	973	973	973	973	974	974	974	974	**973**	**975**	**972**
30	974	974	974	974	974	974	974	975	975	974	974	974	974	973	973	972	972	971	972	972	972	973	973	973	**973**	**975**	**971**
MEAN	**975**	**975**	**975**	**975**	**975**	**976**	**976**	**976**	**976**	**976**	**976**	**976**	**976**	**975**	**975**	**974**	**974**	**974**	**974**	**974**	**975**	**975**	**975**	**975**	**975**		
MAX	**986**	**986**	**986**	**986**	**986**	**986**	**987**	**987**	**987**	**987**	**987**	**987**	**986**	**986**	**986**	**986**	**985**	**985**	**985**	**985**	**985**	**986**	**986**	**986**		**987**	
MIN	**968**	**968**	**968**	**968**	**968**	**968**	**967**	**967**	**967**	**966**	**966**	**966**	**965**	**965**	**964**	**964**	**965**	**964**	**964**	**965**	**966**	**967**	**967**	**968**			**964**

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100.0%

MONTHLY MEAN = 975 mb

MAXIMUM PRESSURE = 987 mb DATE OF OCCURRENCE = 6/16 AT 0900 MAXIMUM DAILY MEAN = 986 mb DATE OF OCCURRENCE = 6/15

MINIMUM PRESSURE = 964 mb DATE OF OCCURRENCE = 6/23 AT 1500 MINUMUM DAILY MEAN = 966 mb DATE OF OCCURRENCE = 6/23

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

APPENDIX G. INVALID DATA PERIODS FOR APRIL THROUGH JUNE 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	04/01/2020	01:01	04/01/2020	02:00	1	BM
Upwind PAMS	04/02/2020	01:01	04/02/2020	02:00	1	BM
Upwind PAMS	04/03/2020	23:01	04/03/2020	00:00	1	BM
Upwind PAMS	04/04/2020	23:01	04/04/2020	00:00	1	BM
Upwind PAMS	04/05/2020	23:01	04/05/2020	00:00	1	BM
Upwind PAMS	04/06/2020	23:01	04/06/2020	00:00	1	BM
Upwind PAMS	04/07/2020	23:01	04/07/2020	00:00	1	BM
Upwind PAMS	04/08/2020	23:01	04/08/2020	01:00	3	BM
Upwind PAMS	04/09/2020	00:01	04/09/2020	01:00	1	BM
Upwind PAMS	04/10/2020	00:01	04/10/2020	01:00	1	BM
Upwind PAMS	04/11/2020	00:01	04/11/2020	01:00	1	BM
Upwind PAMS	04/12/2020	00:01	04/12/2020	01:00	1	BM
Upwind PAMS	04/13/2020	00:01	04/13/2020	01:00	1	BM
Upwind PAMS	04/14/2020	00:01	04/14/2020	01:00	1	BM
Upwind PAMS	04/14/2020	17:01	04/15/2020	16:00	23	AM
Upwind PAMS	04/16/2020	23:01	04/16/2020	00:00	1	BM
Upwind PAMS	04/16/2020	15:01	04/16/2020	17:00	2	AM
Upwind PAMS	04/17/2020	00:01	04/17/2020	01:00	1	BM
Upwind PAMS	04/18/2020	00:01	04/18/2020	01:00	1	BM
Upwind PAMS	04/19/2020	00:01	04/19/2020	01:00	1	BM
Upwind PAMS	04/20/2020	00:01	04/20/2020	01:00	1	BM
Upwind PAMS	04/21/2020	00:01	04/21/2020	01:00	1	BM
Upwind PAMS	04/22/2020	00:01	04/22/2020	01:00	1	BM
Upwind PAMS	04/23/2020	23:01	04/23/2020	00:00	1	BM
Upwind PAMS	04/24/2020	23:01	04/24/2020	00:00	1	BM
Upwind PAMS	04/25/2020	23:01	04/25/2020	00:00	1	BM
Upwind PAMS	04/25/2020	07:01	04/25/2020	09:00	2	AM
Upwind PAMS	04/26/2020	00:01	04/26/2020	01:00	1	BM
Upwind PAMS	04/27/2020	00:01	04/27/2020	01:00	1	BM
Upwind PAMS	04/27/2020	15:01	04/27/2020	16:00	1	AM
Upwind PAMS	04/28/2020	00:01	04/28/2020	01:00	1	BM
Upwind PAMS	04/29/2020	00:01	04/29/2020	01:00	1	BM
Upwind PAMS	04/30/2020	00:01	04/30/2020	01:00	1	BM
Upwind PAMS	05/01/2020	00:01	05/01/2020	01:00	1	BM
Upwind PAMS	05/02/2020	00:01	05/02/2020	01:00	1	BM
Upwind PAMS	05/03/2020	00:01	05/03/2020	01:00	1	BM
Upwind PAMS	05/03/2020	22:01	06/10/2020	09:00	899	AM
Upwind PAMS	06/10/2020	11:01	06/10/2020	12:00	1	BM
Upwind PAMS	06/10/2020	18:01	06/10/2020	20:00	2	BM
Upwind PAMS	06/12/2020	00:01	06/12/2020	01:00	1	BM
Upwind PAMS	06/13/2020	00:01	06/13/2020	01:00	1	BM
Upwind PAMS	06/14/2020	00:01	06/14/2020	01:00	1	BM
Upwind PAMS	06/15/2020	00:01	06/15/2020	01:00	1	BM
Upwind PAMS	06/16/2020	00:01	06/16/2020	01:00	1	BM
Upwind PAMS	06/17/2020	00:01	06/17/2020	01:00	1	BM
Upwind PAMS	06/17/2020	19:01	06/17/2020	21:00	2	AM
Upwind PAMS	06/18/2020	01:01	06/18/2020	02:00	1	BM
Upwind PAMS	06/19/2020	01:01	06/19/2020	02:00	1	BM
Upwind PAMS	06/20/2020	01:01	06/20/2020	02:00	1	BM
Upwind PAMS	06/21/2020	01:01	06/21/2020	02:00	1	BM
Upwind PAMS	06/22/2020	01:01	06/22/2020	02:00	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	06/23/2020	00:01	06/23/2020	01:00	1	BM
Upwind PAMS	06/24/2020	00:01	06/24/2020	01:00	1	BM
Upwind PAMS	06/25/2020	00:01	06/25/2020	01:00	1	BM
Upwind PAMS	06/26/2020	00:01	06/26/2020	01:00	1	BM
Upwind PAMS	06/26/2020	10:01	06/26/2020	12:00	2	AM
Upwind PAMS	06/27/2020	01:01	06/27/2020	02:00	1	BM
Upwind PAMS	06/28/2020	01:01	06/28/2020	02:00	1	BM
Upwind PAMS	06/29/2020	01:01	06/29/2020	02:00	1	BM
Upwind PAMS	06/30/2020	01:01	06/30/2020	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	04/01/2020	03:01	04/01/2020	05:00	2	BM
Downwind PAMS	04/02/2020	03:01	04/02/2020	05:00	2	BM
Downwind PAMS	04/03/2020	23:01	04/03/2020	00:00	1	BM
Downwind PAMS	04/04/2020	23:01	04/04/2020	00:00	1	BM
Downwind PAMS	04/05/2020	23:01	04/05/2020	00:00	1	BM
Downwind PAMS	04/06/2020	23:01	04/06/2020	00:00	1	BM
Downwind PAMS	04/07/2020	23:01	04/07/2020	00:00	1	BM
Downwind PAMS	04/07/2020	03:01	04/16/2020	13:00	226	AM
Downwind PAMS	04/17/2020	23:01	04/17/2020	00:00	1	BM
Downwind PAMS	04/18/2020	23:01	04/18/2020	00:00	1	BM
Downwind PAMS	04/19/2020	23:01	04/19/2020	00:00	1	BM
Downwind PAMS	04/19/2020	02:01	04/19/2020	04:00	2	AM
Downwind PAMS	04/20/2020	00:01	04/20/2020	01:00	1	BM
Downwind PAMS	04/21/2020	00:01	04/21/2020	01:00	1	BM
Downwind PAMS	04/22/2020	00:01	04/22/2020	01:00	1	BM
Downwind PAMS	04/23/2020	00:01	04/23/2020	01:00	1	BM
Downwind PAMS	04/24/2020	00:01	04/24/2020	01:00	1	BM
Downwind PAMS	04/25/2020	00:01	04/25/2020	01:00	1	BM
Downwind PAMS	04/26/2020	00:01	04/26/2020	01:00	1	BM
Downwind PAMS	04/27/2020	00:01	04/27/2020	01:00	1	BM
Downwind PAMS	04/28/2020	00:01	04/28/2020	01:00	1	BM
Downwind PAMS	04/29/2020	00:01	04/29/2020	01:00	1	BM
Downwind PAMS	04/30/2020	00:01	04/30/2020	02:00	3	BM
Downwind PAMS	05/01/2020	01:01	05/01/2020	02:00	1	BM
Downwind PAMS	05/02/2020	01:01	05/02/2020	02:00	1	BM
Downwind PAMS	05/03/2020	01:01	05/03/2020	02:00	1	BM
Downwind PAMS	05/04/2020	01:01	05/04/2020	02:00	1	BM
Downwind PAMS	05/05/2020	01:01	05/05/2020	02:00	1	BM
Downwind PAMS	05/06/2020	01:01	05/06/2020	02:00	1	BM
Downwind PAMS	05/07/2020	01:01	05/07/2020	02:00	1	BM
Downwind PAMS	05/08/2020	01:01	05/08/2020	02:00	1	BM
Downwind PAMS	05/09/2020	01:01	05/09/2020	02:00	1	BM
Downwind PAMS	05/10/2020	01:01	05/10/2020	02:00	1	BM
Downwind PAMS	05/10/2020	22:01	05/11/2020	00:00	2	AM
Downwind PAMS	05/11/2020	02:01	05/11/2020	03:00	1	BM
Downwind PAMS	05/12/2020	00:01	05/12/2020	01:00	1	BM
Downwind PAMS	05/13/2020	00:01	05/13/2020	01:00	1	BM
Downwind PAMS	05/14/2020	00:01	05/14/2020	01:00	1	BM
Downwind PAMS	05/15/2020	00:01	05/15/2020	01:00	1	BM
Downwind PAMS	05/16/2020	00:01	05/16/2020	01:00	1	BM
Downwind PAMS	05/17/2020	00:01	05/17/2020	01:00	1	BM
Downwind PAMS	05/18/2020	00:01	05/18/2020	01:00	1	BM
Downwind PAMS	05/19/2020	00:01	05/19/2020	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	05/20/2020	00:01	05/20/2020	01:00	1	BM
Downwind PAMS	05/21/2020	00:01	05/21/2020	01:00	1	BM
Downwind PAMS	05/21/2020	20:01	05/21/2020	22:00	2	AM
Downwind PAMS	05/22/2020	01:01	05/22/2020	02:00	1	BM
Downwind PAMS	05/23/2020	01:01	05/23/2020	02:00	1	BM
Downwind PAMS	05/24/2020	01:01	05/24/2020	02:00	1	BM
Downwind PAMS	05/25/2020	01:01	05/25/2020	02:00	1	BM
Downwind PAMS	05/26/2020	01:01	05/26/2020	02:00	1	BM
Downwind PAMS	05/27/2020	01:01	05/27/2020	02:00	1	BM
Downwind PAMS	05/28/2020	01:01	05/28/2020	02:00	1	BM
Downwind PAMS	05/29/2020	01:01	05/29/2020	02:00	1	BM
Downwind PAMS	05/30/2020	01:01	05/30/2020	02:00	1	BM
Downwind PAMS	05/31/2020	01:01	05/31/2020	02:00	1	BM
Downwind PAMS	06/01/2020	01:01	06/01/2020	02:00	1	BM
Downwind PAMS	06/02/2020	01:01	06/02/2020	03:00	2	BM
Downwind PAMS	06/03/2020	02:01	06/03/2020	03:00	1	BM
Downwind PAMS	06/04/2020	02:01	06/04/2020	03:00	1	BM
Downwind PAMS	06/05/2020	02:01	06/05/2020	03:00	1	BM
Downwind PAMS	06/06/2020	02:01	06/06/2020	03:00	1	BM
Downwind PAMS	06/07/2020	02:01	06/07/2020	03:00	1	BM
Downwind PAMS	06/08/2020	02:01	06/08/2020	03:00	1	BM
Downwind PAMS	06/09/2020	02:01	06/09/2020	03:00	1	BM
Downwind PAMS	06/10/2020	02:01	06/10/2020	03:00	1	BM
Downwind PAMS	06/11/2020	02:01	06/11/2020	03:00	1	BM
Downwind PAMS	06/12/2020	02:01	06/12/2020	03:00	1	BM
Downwind PAMS	06/13/2020	02:01	06/13/2020	03:00	1	BM
Downwind PAMS	06/13/2020	04:01	06/13/2020	06:00	2	AM
Downwind PAMS	06/14/2020	03:01	06/14/2020	04:00	1	BM
Downwind PAMS	06/15/2020	03:01	06/15/2020	04:00	1	BM
Downwind PAMS	06/16/2020	03:01	06/16/2020	04:00	1	BM
Downwind PAMS	06/17/2020	03:01	06/17/2020	04:00	1	BM
Downwind PAMS	06/18/2020	03:01	06/18/2020	04:00	1	BM
Downwind PAMS	06/19/2020	03:01	06/19/2020	04:00	1	BM
Downwind PAMS	06/20/2020	03:01	06/20/2020	04:00	1	BM
Downwind PAMS	06/21/2020	03:01	06/21/2020	04:00	1	BM
Downwind PAMS	06/22/2020	03:01	06/22/2020	04:00	1	BM
Downwind PAMS	06/23/2020	00:01	06/23/2020	01:00	1	BM
Downwind PAMS	06/24/2020	00:01	06/24/2020	01:00	1	BM
Downwind PAMS	06/24/2020	05:01	06/24/2020	07:00	2	AM
Downwind PAMS	06/25/2020	01:01	06/25/2020	02:00	1	BM
Downwind PAMS	06/26/2020	00:01	06/26/2020	01:00	1	BM
Downwind PAMS	06/27/2020	00:01	06/27/2020	01:00	1	BM
Downwind PAMS	06/28/2020	00:01	06/28/2020	01:00	1	BM
Downwind PAMS	06/29/2020	00:01	06/29/2020	01:00	1	BM
Downwind PAMS	06/30/2020	00:01	06/30/2020	01:00	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 PAMS	04/02/2020	00:01	04/02/2020	02:00	2	BM
Downwind PAMS	04/03/2020	23:01	04/03/2020	00:00	1	BM
Downwind PAMS	04/04/2020	23:01	04/04/2020	00:00	1	BM
Downwind PAMS	04/05/2020	23:01	04/05/2020	00:00	1	BM
Downwind PAMS	04/06/2020	23:01	04/06/2020	00:00	1	BM
Downwind PAMS	04/07/2020	23:01	04/07/2020	00:00	1	BM
Downwind PAMS	04/08/2020	23:01	04/08/2020	00:00	1	BM
Downwind PAMS	04/09/2020	23:01	04/09/2020	00:00	1	BM
Downwind PAMS	04/10/2020	23:01	04/10/2020	00:00	1	BM
Downwind PAMS	04/11/2020	23:01	04/11/2020	00:00	1	BM
Downwind PAMS	04/12/2020	23:01	04/12/2020	00:00	1	BM
Downwind PAMS	04/13/2020	23:01	04/13/2020	00:00	1	BM
Downwind PAMS	04/14/2020	23:01	04/14/2020	00:00	1	BM
Downwind PAMS	04/14/2020	18:01	04/14/2020	20:00	2	AM
Downwind PAMS	04/15/2020	00:01	04/15/2020	01:00	1	BM
Downwind PAMS	04/16/2020	23:01	04/16/2020	00:00	1	BM
Downwind PAMS	04/17/2020	23:01	04/17/2020	00:00	1	BM
Downwind PAMS	04/18/2020	23:01	04/18/2020	00:00	1	BM
Downwind PAMS	04/19/2020	23:01	04/19/2020	00:00	1	BM
Downwind PAMS	04/20/2020	23:01	04/20/2020	00:00	1	BM
Downwind PAMS	04/21/2020	23:01	04/21/2020	00:00	1	BM
Downwind PAMS	04/22/2020	23:01	04/22/2020	00:00	1	BM
Downwind PAMS	04/23/2020	23:01	04/23/2020	00:00	1	BM
Downwind PAMS	04/24/2020	23:01	04/24/2020	00:00	1	BM
Downwind PAMS	04/25/2020	23:01	04/25/2020	00:00	1	BM
Downwind PAMS	04/26/2020	23:01	04/26/2020	00:00	1	BM
Downwind PAMS	04/27/2020	23:01	04/27/2020	00:00	1	BM
Downwind PAMS	04/27/2020	11:01	04/27/2020	13:00	2	AM
Downwind PAMS	04/28/2020	00:01	04/28/2020	01:00	1	BM
Downwind PAMS	04/29/2020	00:01	04/29/2020	01:00	1	BM
Downwind PAMS	04/30/2020	00:01	04/30/2020	01:00	1	BM
Downwind PAMS	05/01/2020	00:01	05/01/2020	01:00	1	BM
Downwind PAMS	05/02/2020	00:01	05/02/2020	01:00	1	BM
Downwind PAMS	05/03/2020	00:01	05/03/2020	01:00	1	BM
Downwind PAMS	05/04/2020	00:01	05/04/2020	01:00	1	BM
Downwind PAMS	05/05/2020	00:01	05/05/2020	01:00	1	BM
Downwind PAMS	05/05/2020	08:01	05/05/2020	12:00	4	AM
Downwind PAMS	05/05/2020	22:01	06/12/2020	07:00	897	AM
Downwind PAMS	06/13/2020	00:01	06/13/2020	01:00	1	BM
Downwind PAMS	06/14/2020	00:01	06/14/2020	01:00	1	BM
Downwind PAMS	06/15/2020	00:01	06/15/2020	01:00	1	BM
Downwind PAMS	06/16/2020	00:01	06/16/2020	01:00	1	BM
Downwind PAMS	06/17/2020	00:01	06/17/2020	01:00	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 PAMS	06/18/2020	00:01	06/18/2020	01:00	1	BM
Downwind PAMS	06/19/2020	00:01	06/19/2020	01:00	1	BM
Downwind PAMS	06/20/2020	00:01	06/20/2020	01:00	1	BM
Downwind PAMS	06/21/2020	00:01	06/21/2020	01:00	1	BM
Downwind PAMS	06/22/2020	00:01	06/22/2020	01:00	1	BM
Downwind PAMS	06/22/2020	17:01	06/22/2020	19:00	2	AM
Downwind PAMS	06/23/2020	01:01	06/23/2020	02:00	1	BM
Downwind PAMS	06/24/2020	00:01	06/24/2020	02:00	2	BM
Downwind PAMS	06/25/2020	00:01	06/25/2020	02:00	2	BM
Downwind PAMS	06/26/2020	00:01	06/26/2020	01:00	1	BM
Downwind PAMS	06/27/2020	00:01	06/27/2020	01:00	1	BM
Downwind PAMS	06/28/2020	00:01	06/28/2020	01:00	1	BM
Downwind PAMS	06/29/2020	00:01	06/29/2020	01:00	1	BM
Downwind PAMS	06/30/2020	00:01	06/30/2020	01:00	1	BM

APPENDIX H. FIELD CALIBRATION DATA SHEETS FOR APRIL THROUGH JUNE 2020

Upwind - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	16.62	16.60	0.12
04/02/2020	16.55	16.60	-0.30
04/02/2020	16.60	16.60	0.00
04/03/2020	16.46	16.60	-0.84
04/04/2020	16.51	16.60	-0.54
04/05/2020	16.63	16.60	0.18
04/06/2020	16.53	16.60	-0.42
04/07/2020	17.24	16.60	3.86
04/09/2020	16.97	16.60	2.23
04/10/2020	17.09	16.60	2.95
04/11/2020	16.79	16.60	1.14
04/12/2020	16.56	16.60	-0.24
04/13/2020	17.13	16.60	3.19
04/14/2020	16.68	16.60	0.48
04/15/2020	17.40	16.60	4.82
04/17/2020	16.42	16.60	-1.08
04/18/2020	17.24	16.60	3.86
04/19/2020	16.98	16.60	2.29
04/20/2020	16.94	16.60	2.05
04/21/2020	17.13	16.60	3.19
04/22/2020	16.87	16.60	1.63
04/22/2020	16.23	16.60	-2.23
04/23/2020	17.11	16.60	3.07
04/24/2020	16.75	16.60	0.90
04/26/2020	15.20	16.60	-8.43
04/28/2020	14.92	16.60	-10.12
04/29/2020	16.66	16.60	0.36
04/30/2020	16.13	16.60	-2.83
05/01/2020	15.68	16.60	-5.54
05/02/2020	14.57	16.60	-12.23
05/03/2020	14.43	16.60	-13.07
05/04/2020	15.40	16.60	-7.23
05/05/2020	12.93	16.60	-22.11
05/06/2020	15.33	16.60	-7.65
05/07/2020	14.76	16.60	-11.08
05/08/2020	14.24	16.60	-14.22
05/09/2020	13.86	16.60	-16.51
05/10/2020	13.24	16.60	-20.24
05/11/2020	12.50	16.60	-24.70
05/12/2020	11.92	16.60	-28.19
05/13/2020	11.05	16.60	-33.43
05/14/2020	10.97	16.60	-33.92
05/15/2020	13.10	16.60	-21.08
05/16/2020	11.95	16.60	-28.01
05/17/2020	12.20	16.60	-26.51
05/18/2020	11.43	16.60	-31.14

Upwind - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/19/2020	11.27	16.60	-32.11
05/20/2020	10.96	16.60	-33.98
05/21/2020	10.53	16.60	-36.57
05/22/2020	10.47	16.60	-36.93
06/10/2020	14.84	16.60	-10.60
06/12/2020	14.25	16.60	-14.16
06/13/2020	14.20	16.60	-14.46
06/14/2020	13.97	16.60	-15.84
06/15/2020	13.87	16.60	-16.45
06/16/2020	13.90	16.60	-16.27
06/17/2020	13.97	16.60	-15.84
06/18/2020	13.96	16.60	-15.90
06/19/2020	13.89	16.60	-16.33
06/20/2020	14.06	16.60	-15.30
06/21/2020	13.93	16.60	-16.08
06/22/2020	14.03	16.60	-15.48
06/23/2020	14.27	16.60	-14.04
06/24/2020	14.21	16.60	-14.40
06/25/2020	13.83	16.60	-16.69
06/26/2020	13.87	16.60	-16.45
06/27/2020	14.21	16.60	-14.40
06/28/2020	14.17	16.60	-14.64
06/29/2020	13.98	16.60	-15.78
06/30/2020	13.89	16.60	-16.33

Upwind - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	10.20	10.90	-6.42
04/02/2020	10.24	10.90	-6.06
04/02/2020	10.31	10.90	-5.41
04/03/2020	10.14	10.90	-6.97
04/04/2020	10.08	10.90	-7.52
04/05/2020	10.16	10.90	-6.79
04/06/2020	10.18	10.90	-6.61
04/07/2020	10.28	10.90	-5.69
04/09/2020	10.34	10.90	-5.14
04/10/2020	10.59	10.90	-2.84
04/11/2020	10.42	10.90	-4.40
04/12/2020	10.21	10.90	-6.33
04/13/2020	10.14	10.90	-6.97
04/14/2020	10.18	10.90	-6.61
04/15/2020	10.70	10.90	-1.83
04/17/2020	10.33	10.90	-5.23
04/18/2020	10.34	10.90	-5.14
04/19/2020	10.45	10.90	-4.13
04/20/2020	10.36	10.90	-4.95
04/21/2020	10.65	10.90	-2.29
04/22/2020	10.50	10.90	-3.67
04/22/2020	10.32	10.90	-5.32
04/23/2020	10.20	10.90	-6.42
04/24/2020	10.07	10.90	-7.61
04/26/2020	10.17	10.90	-6.70
04/28/2020	10.26	10.90	-5.87
04/29/2020	10.06	10.90	-7.71
04/30/2020	10.27	10.90	-5.78
05/01/2020	10.23	10.90	-6.15
05/02/2020	10.10	10.90	-7.34
05/03/2020	9.96	10.90	-8.62
05/04/2020	10.14	10.90	-6.97
05/05/2020	10.14	10.90	-6.97
05/06/2020	10.29	10.90	-5.60
05/07/2020	10.36	10.90	-4.95
05/08/2020	10.30	10.90	-5.50
05/09/2020	10.33	10.90	-5.23
05/10/2020	10.15	10.90	-6.88
05/11/2020	10.13	10.90	-7.06
05/12/2020	10.06	10.90	-7.71
05/13/2020	10.02	10.90	-8.07
05/14/2020	9.96	10.90	-8.62
05/15/2020	9.73	10.90	-10.73
05/16/2020	9.94	10.90	-8.81
05/17/2020	10.02	10.90	-8.07
05/18/2020	9.99	10.90	-8.35

Upwind - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/19/2020	9.85	10.90	-9.63
05/20/2020	10.00	10.90	-8.26
05/21/2020	10.07	10.90	-7.61
05/22/2020	9.96	10.90	-8.62
06/10/2020	8.88	10.90	-18.53
06/12/2020	8.56	10.90	-21.47
06/13/2020	8.63	10.90	-20.83
06/14/2020	8.52	10.90	-21.83
06/15/2020	8.43	10.90	-22.66
06/16/2020	8.40	10.90	-22.94
06/17/2020	8.39	10.90	-23.03
06/18/2020	8.44	10.90	-22.57
06/19/2020	8.32	10.90	-23.67
06/20/2020	8.39	10.90	-23.03
06/21/2020	8.39	10.90	-23.03
06/22/2020	8.35	10.90	-23.39
06/23/2020	8.41	10.90	-22.84
06/24/2020	8.39	10.90	-23.03
06/25/2020	8.35	10.90	-23.39
06/26/2020	8.27	10.90	-24.13
06/27/2020	8.31	10.90	-23.76
06/28/2020	8.39	10.90	-23.03
06/29/2020	8.37	10.90	-23.21
06/30/2020	8.27	10.90	-24.13

Upwind - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	11.28	10.90	3.49
04/02/2020	11.26	10.90	3.30
04/02/2020	11.30	10.90	3.67
04/03/2020	11.22	10.90	2.94
04/04/2020	11.10	10.90	1.83
04/05/2020	11.21	10.90	2.84
04/06/2020	11.17	10.90	2.48
04/07/2020	11.34	10.90	4.04
04/09/2020	11.25	10.90	3.21
04/10/2020	11.30	10.90	3.67
04/11/2020	11.24	10.90	3.12
04/12/2020	11.06	10.90	1.47
04/13/2020	11.28	10.90	3.49
04/14/2020	11.16	10.90	2.39
04/15/2020	11.42	10.90	4.77
04/17/2020	10.90	10.90	0.00
04/18/2020	11.33	10.90	3.94
04/19/2020	11.32	10.90	3.85
04/20/2020	11.15	10.90	2.29
04/21/2020	11.37	10.90	4.31
04/22/2020	11.11	10.90	1.93
04/22/2020	11.14	10.90	2.20
04/23/2020	11.03	10.90	1.19
04/24/2020	11.05	10.90	1.38
04/26/2020	11.20	10.90	2.75
04/28/2020	11.56	10.90	6.06
04/29/2020	11.00	10.90	0.92
04/30/2020	11.39	10.90	4.50
05/01/2020	11.13	10.90	2.11
05/02/2020	10.84	10.90	-0.55
05/03/2020	10.92	10.90	0.18
05/04/2020	11.69	10.90	7.25
05/05/2020	10.89	10.90	-0.09
05/06/2020	10.83	10.90	-0.64
05/07/2020	11.01	10.90	1.01
05/08/2020	10.95	10.90	0.46
05/09/2020	11.13	10.90	2.11
05/10/2020	10.62	10.90	-2.57
05/11/2020	10.76	10.90	-1.28
05/12/2020	10.87	10.90	-0.28
05/13/2020	10.64	10.90	-2.39
05/14/2020	10.59	10.90	-2.84
05/15/2020	10.84	10.90	-0.55
05/16/2020	10.71	10.90	-1.74
05/17/2020	10.94	10.90	0.37
05/18/2020	10.79	10.90	-1.01

Upwind - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/19/2020	10.85	10.90	-0.46
05/20/2020	10.59	10.90	-2.84
05/21/2020	10.65	10.90	-2.29
05/22/2020	10.77	10.90	-1.19
06/10/2020	10.85	10.90	-0.46
06/12/2020	10.09	10.90	-7.43
06/13/2020	10.00	10.90	-8.26
06/14/2020	9.94	10.90	-8.81
06/15/2020	9.75	10.90	-10.55
06/16/2020	9.85	10.90	-9.63
06/17/2020	9.67	10.90	-11.28
06/18/2020	9.75	10.90	-10.55
06/19/2020	9.75	10.90	-10.55
06/20/2020	9.82	10.90	-9.91
06/21/2020	9.66	10.90	-11.38
06/22/2020	9.89	10.90	-9.27
06/23/2020	9.88	10.90	-9.36
06/24/2020	9.80	10.90	-10.09
06/25/2020	9.57	10.90	-12.20
06/26/2020	9.60	10.90	-11.93
06/27/2020	9.84	10.90	-9.72
06/28/2020	9.71	10.90	-10.92
06/29/2020	9.69	10.90	-11.10
06/30/2020	9.61	10.90	-11.83

Upwind - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	13.77	14.10	-2.34
04/02/2020	13.74	14.10	-2.55
04/02/2020	13.89	14.10	-1.49
04/03/2020	13.86	14.10	-1.70
04/04/2020	13.41	14.10	-4.89
04/05/2020	13.80	14.10	-2.13
04/06/2020	13.74	14.10	-2.55
04/07/2020	13.90	14.10	-1.42
04/09/2020	13.92	14.10	-1.28
04/10/2020	13.99	14.10	-0.78
04/11/2020	13.76	14.10	-2.41
04/12/2020	13.48	14.10	-4.40
04/13/2020	13.83	14.10	-1.91
04/14/2020	13.82	14.10	-1.99
04/15/2020	13.85	14.10	-1.77
04/17/2020	13.38	14.10	-5.11
04/18/2020	14.15	14.10	0.35
04/19/2020	13.74	14.10	-2.55
04/20/2020	13.66	14.10	-3.12
04/21/2020	13.98	14.10	-0.85
04/22/2020	13.73	14.10	-2.62
04/22/2020	13.57	14.10	-3.76
04/23/2020	13.58	14.10	-3.69
04/24/2020	13.42	14.10	-4.82
04/26/2020	13.74	14.10	-2.55
04/28/2020	13.53	14.10	-4.04
04/29/2020	13.44	14.10	-4.68
04/30/2020	13.72	14.10	-2.70
05/01/2020	13.59	14.10	-3.62
05/02/2020	13.28	14.10	-5.82
05/03/2020	13.53	14.10	-4.04
05/04/2020	13.78	14.10	-2.27
05/05/2020	13.33	14.10	-5.46
05/06/2020	13.40	14.10	-4.96
05/07/2020	13.79	14.10	-2.20
05/08/2020	13.79	14.10	-2.20
05/09/2020	13.67	14.10	-3.05
05/10/2020	13.26	14.10	-5.96
05/11/2020	13.41	14.10	-4.89
05/12/2020	13.39	14.10	-5.04
05/13/2020	13.02	14.10	-7.66
05/14/2020	13.10	14.10	-7.09
05/15/2020	13.31	14.10	-5.60
05/16/2020	13.30	14.10	-5.67
05/17/2020	13.24	14.10	-6.10
05/18/2020	13.27	14.10	-5.89

Upwind - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/19/2020	13.34	14.10	-5.39
05/20/2020	13.07	14.10	-7.30
05/21/2020	13.11	14.10	-7.02
05/22/2020	13.23	14.10	-6.17
06/10/2020	13.24	14.10	-6.10
06/12/2020	12.97	14.10	-8.01
06/13/2020	13.13	14.10	-6.88
06/14/2020	12.92	14.10	-8.37
06/15/2020	12.74	14.10	-9.65
06/16/2020	12.58	14.10	-10.78
06/17/2020	12.67	14.10	-10.14
06/18/2020	12.56	14.10	-10.92
06/19/2020	12.46	14.10	-11.63
06/20/2020	12.47	14.10	-11.56
06/21/2020	12.49	14.10	-11.42
06/22/2020	12.51	14.10	-11.28
06/23/2020	12.40	14.10	-12.06
06/24/2020	12.48	14.10	-11.49
06/25/2020	12.20	14.10	-13.48
06/26/2020	12.24	14.10	-13.19
06/27/2020	12.42	14.10	-11.91
06/28/2020	12.50	14.10	-11.35
06/29/2020	12.44	14.10	-11.77
06/30/2020	12.28	14.10	-12.91

Upwind - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	4.25	5.40	-21.30
04/02/2020	4.24	5.40	-21.48
04/02/2020	4.25	5.40	-21.30
04/03/2020	4.18	5.40	-22.59
04/04/2020	4.17	5.40	-22.78
04/05/2020	4.22	5.40	-21.85
04/06/2020	4.16	5.40	-22.96
04/07/2020	4.25	5.40	-21.30
04/09/2020	4.19	5.40	-22.41
04/10/2020	4.22	5.40	-21.85
04/11/2020	4.18	5.40	-22.59
04/12/2020	4.13	5.40	-23.52
04/13/2020	4.19	5.40	-22.41
04/14/2020	4.16	5.40	-22.96
04/15/2020	4.17	5.40	-22.78
04/17/2020	4.06	5.40	-24.81
04/18/2020	4.20	5.40	-22.22
04/19/2020	4.16	5.40	-22.96
04/20/2020	4.12	5.40	-23.70
04/21/2020	4.20	5.40	-22.22
04/22/2020	4.13	5.40	-23.52
04/22/2020	4.09	5.40	-24.26
04/23/2020	4.09	5.40	-24.26
04/24/2020	4.07	5.40	-24.63
04/26/2020	4.14	5.40	-23.33
04/28/2020	4.05	5.40	-25.00
04/29/2020	4.05	5.40	-25.00
04/30/2020	4.13	5.40	-23.52
05/01/2020	4.11	5.40	-23.89
05/02/2020	4.01	5.40	-25.74
05/03/2020	4.08	5.40	-24.44
05/04/2020	4.11	5.40	-23.89
05/05/2020	3.97	5.40	-26.48
05/06/2020	4.03	5.40	-25.37
05/07/2020	4.05	5.40	-25.00
05/08/2020	3.99	5.40	-26.11
05/09/2020	4.10	5.40	-24.07
05/10/2020	3.93	5.40	-27.22
05/11/2020	3.94	5.40	-27.04
05/12/2020	3.97	5.40	-26.48
05/13/2020	3.89	5.40	-27.96
05/14/2020	3.89	5.40	-27.96
05/15/2020	3.99	5.40	-26.11
05/16/2020	3.95	5.40	-26.85
05/17/2020	3.95	5.40	-26.85
05/18/2020	3.94	5.40	-27.04

Upwind - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/19/2020	3.95	5.40	-26.85
05/20/2020	3.87	5.40	-28.33
05/21/2020	3.89	5.40	-27.96
05/22/2020	3.91	5.40	-27.59
06/10/2020	3.75	5.40	-30.56
06/12/2020	3.79	5.40	-29.81
06/13/2020	3.83	5.40	-29.07
06/14/2020	3.80	5.40	-29.63
06/15/2020	3.73	5.40	-30.93
06/16/2020	3.68	5.40	-31.85
06/17/2020	3.74	5.40	-30.74
06/18/2020	3.73	5.40	-30.93
06/19/2020	3.63	5.40	-32.78
06/20/2020	3.65	5.40	-32.41
06/21/2020	3.70	5.40	-31.48
06/22/2020	3.79	5.40	-29.81
06/23/2020	3.73	5.40	-30.93
06/24/2020	3.68	5.40	-31.85
06/25/2020	3.65	5.40	-32.41
06/26/2020	3.58	5.40	-33.70
06/27/2020	3.75	5.40	-30.56
06/28/2020	3.67	5.40	-32.04
06/29/2020	3.65	5.40	-32.41
06/30/2020	3.62	5.40	-32.96

Downwind #1 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	15.43	15.50	-0.45
04/02/2020	15.21	15.50	-1.87
04/02/2020	15.37	15.50	-0.84
04/03/2020	15.29	15.50	-1.35
04/04/2020	15.29	15.50	-1.35
04/05/2020	15.14	15.50	-2.32
04/06/2020	15.25	15.50	-1.61
04/16/2020	15.31	15.50	-1.23
04/17/2020	15.67	15.50	1.10
04/18/2020	15.33	15.50	-1.10
04/20/2020	15.58	15.50	0.52
04/21/2020	15.53	15.50	0.19
04/22/2020	15.10	15.50	-2.58
04/23/2020	15.23	15.50	-1.74
04/24/2020	15.56	15.50	0.39
04/25/2020	15.28	15.50	-1.42
04/26/2020	15.35	15.50	-0.97
04/27/2020	15.18	15.50	-2.06
04/28/2020	15.08	15.50	-2.71
04/29/2020	15.19	15.50	-2.00
04/30/2020	15.30	15.50	-1.29
05/01/2020	15.23	15.50	-1.74
05/02/2020	14.99	15.50	-3.29
05/03/2020	15.16	15.50	-2.19
05/04/2020	15.19	15.50	-2.00
05/05/2020	14.97	15.50	-3.42
05/06/2020	15.27	15.50	-1.48
05/07/2020	14.92	15.50	-3.74
05/08/2020	15.10	15.50	-2.58
05/09/2020	14.87	15.50	-4.06
05/10/2020	14.80	15.50	-4.52
05/11/2020	15.04	15.50	-2.97
05/12/2020	14.93	15.50	-3.68
05/13/2020	14.87	15.50	-4.06
05/14/2020	14.83	15.50	-4.32
05/15/2020	14.91	15.50	-3.81
05/16/2020	15.21	15.50	-1.87
05/17/2020	15.09	15.50	-2.65
05/18/2020	15.10	15.50	-2.58
05/19/2020	15.22	15.50	-1.81
05/20/2020	14.88	15.50	-4.00
05/21/2020	14.85	15.50	-4.19
05/22/2020	15.01	15.50	-3.16
05/23/2020	14.89	15.50	-3.94
05/24/2020	14.98	15.50	-3.35
05/25/2020	15.03	15.50	-3.03

Downwind #1 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/26/2020	15.67	15.50	1.10
05/27/2020	15.63	15.50	0.84
05/28/2020	15.53	15.50	0.19
05/29/2020	15.56	15.50	0.39
05/30/2020	15.55	15.50	0.32
06/03/2020	14.74	15.50	-4.90
06/04/2020	15.59	15.50	0.58
06/05/2020	15.44	15.50	-0.39
06/06/2020	15.49	15.50	-0.06
06/07/2020	15.36	15.50	-0.90
06/08/2020	14.65	15.50	-5.48
06/09/2020	14.64	15.50	-5.55
06/10/2020	15.39	15.50	-0.71
06/11/2020	15.28	15.50	-1.42
06/12/2020	15.17	15.50	-2.13
06/13/2020	15.26	15.50	-1.55
06/14/2020	14.45	15.50	-6.77
06/15/2020	14.45	15.50	-6.77
06/16/2020	14.43	15.50	-6.90
06/17/2020	14.36	15.50	-7.35
06/18/2020	14.39	15.50	-7.16
06/19/2020	15.22	15.50	-1.81
06/20/2020	15.22	15.50	-1.81
06/21/2020	15.24	15.50	-1.68
06/22/2020	15.11	15.50	-2.52
06/23/2020	15.29	15.50	-1.35
06/24/2020	15.31	15.50	-1.23
06/25/2020	14.85	15.50	-4.19
06/26/2020	15.29	15.50	-1.35
06/27/2020	15.29	15.50	-1.35
06/28/2020	15.38	15.50	-0.77
06/29/2020	14.64	15.50	-5.55
06/30/2020	15.26	15.50	-1.55

Downwind #1 - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	7.19	8.20	-12.32
04/02/2020	6.94	8.20	-15.37
04/02/2020	6.96	8.20	-15.12
04/03/2020	7.03	8.20	-14.27
04/04/2020	7.03	8.20	-14.27
04/05/2020	7.04	8.20	-14.15
04/06/2020	6.99	8.20	-14.76
04/16/2020	6.62	8.20	-19.27
04/17/2020	7.14	8.20	-12.93
04/18/2020	6.85	8.20	-16.46
04/20/2020	7.06	8.20	-13.90
04/21/2020	6.76	8.20	-17.56
04/22/2020	6.32	8.20	-22.93
04/23/2020	6.74	8.20	-17.80
04/24/2020	7.13	8.20	-13.05
04/25/2020	6.83	8.20	-16.71
04/26/2020	7.04	8.20	-14.15
04/27/2020	6.88	8.20	-16.10
04/28/2020	6.68	8.20	-18.54
04/29/2020	6.90	8.20	-15.85
04/30/2020	6.96	8.20	-15.12
05/01/2020	6.70	8.20	-18.29
05/02/2020	6.71	8.20	-18.17
05/03/2020	6.93	8.20	-15.49
05/04/2020	6.94	8.20	-15.37
05/05/2020	6.41	8.20	-21.83
05/06/2020	6.69	8.20	-18.41
05/07/2020	6.46	8.20	-21.22
05/08/2020	6.61	8.20	-19.39
05/09/2020	6.28	8.20	-23.41
05/10/2020	6.10	8.20	-25.61
05/11/2020	6.64	8.20	-19.02
05/12/2020	6.41	8.20	-21.83
05/13/2020	6.34	8.20	-22.68
05/14/2020	6.29	8.20	-23.29
05/15/2020	6.76	8.20	-17.56
05/16/2020	6.83	8.20	-16.71
05/17/2020	6.84	8.20	-16.59
05/18/2020	6.88	8.20	-16.10
05/19/2020	6.95	8.20	-15.24
05/20/2020	6.61	8.20	-19.39
05/21/2020	6.42	8.20	-21.71
05/22/2020	6.69	8.20	-18.41
05/23/2020	6.74	8.20	-17.80
05/24/2020	6.74	8.20	-17.80
05/25/2020	6.85	8.20	-16.46

Downwind #1 - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/26/2020	7.25	8.20	-11.59
05/27/2020	7.16	8.20	-12.68
05/28/2020	7.08	8.20	-13.66
05/29/2020	7.11	8.20	-13.29
05/30/2020	7.15	8.20	-12.80
06/03/2020	6.56	8.20	-20.00
06/04/2020	7.11	8.20	-13.29
06/05/2020	7.01	8.20	-14.51
06/06/2020	7.03	8.20	-14.27
06/07/2020	6.93	8.20	-15.49
06/08/2020	6.35	8.20	-22.56
06/09/2020	6.40	8.20	-21.95
06/10/2020	7.19	8.20	-12.32
06/11/2020	6.98	8.20	-14.88
06/12/2020	6.77	8.20	-17.44
06/13/2020	6.82	8.20	-16.83
06/14/2020	6.20	8.20	-24.39
06/15/2020	6.35	8.20	-22.56
06/16/2020	6.26	8.20	-23.66
06/17/2020	6.26	8.20	-23.66
06/18/2020	6.30	8.20	-23.17
06/19/2020	6.97	8.20	-15.00
06/20/2020	6.89	8.20	-15.98
06/21/2020	6.94	8.20	-15.37
06/22/2020	6.82	8.20	-16.83
06/23/2020	7.01	8.20	-14.51
06/24/2020	6.99	8.20	-14.76
06/25/2020	6.48	8.20	-20.98
06/26/2020	6.89	8.20	-15.98
06/27/2020	7.06	8.20	-13.90
06/28/2020	7.03	8.20	-14.27
06/29/2020	6.37	8.20	-22.32
06/30/2020	6.94	8.20	-15.37

Downwind #1 - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	9.05	8.20	10.37
04/02/2020	8.99	8.20	9.63
04/02/2020	9.01	8.20	9.88
04/03/2020	8.96	8.20	9.27
04/04/2020	8.97	8.20	9.39
04/05/2020	8.92	8.20	8.78
04/06/2020	9.01	8.20	9.88
04/16/2020	8.90	8.20	8.54
04/17/2020	9.02	8.20	10.00
04/18/2020	8.95	8.20	9.15
04/20/2020	9.10	8.20	10.98
04/21/2020	9.08	8.20	10.73
04/22/2020	8.93	8.20	8.90
04/23/2020	8.93	8.20	8.90
04/24/2020	9.07	8.20	10.61
04/25/2020	9.01	8.20	9.88
04/26/2020	8.98	8.20	9.51
04/27/2020	8.96	8.20	9.27
04/28/2020	8.92	8.20	8.78
04/29/2020	8.96	8.20	9.27
04/30/2020	8.99	8.20	9.63
05/01/2020	9.01	8.20	9.88
05/02/2020	8.86	8.20	8.05
05/03/2020	8.97	8.20	9.39
05/04/2020	9.01	8.20	9.88
05/05/2020	8.96	8.20	9.27
05/06/2020	9.10	8.20	10.98
05/07/2020	8.95	8.20	9.15
05/08/2020	9.02	8.20	10.00
05/09/2020	8.99	8.20	9.63
05/10/2020	8.91	8.20	8.66
05/11/2020	9.00	8.20	9.76
05/12/2020	8.84	8.20	7.80
05/13/2020	8.87	8.20	8.17
05/14/2020	8.94	8.20	9.02
05/15/2020	8.90	8.20	8.54
05/16/2020	9.03	8.20	10.12
05/17/2020	8.98	8.20	9.51
05/18/2020	8.99	8.20	9.63
05/19/2020	9.03	8.20	10.12
05/20/2020	8.91	8.20	8.66
05/21/2020	8.92	8.20	8.78
05/22/2020	8.95	8.20	9.15
05/23/2020	8.92	8.20	8.78
05/24/2020	8.97	8.20	9.39
05/25/2020	9.00	8.20	9.76

Downwind #1 - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/26/2020	9.25	8.20	12.80
05/27/2020	9.25	8.20	12.80
05/28/2020	9.18	8.20	11.95
05/29/2020	9.23	8.20	12.56
05/30/2020	9.23	8.20	12.56
06/03/2020	8.80	8.20	7.32
06/04/2020	9.21	8.20	12.32
06/05/2020	9.21	8.20	12.32
06/06/2020	9.19	8.20	12.07
06/07/2020	9.15	8.20	11.59
06/08/2020	8.85	8.20	7.93
06/09/2020	8.86	8.20	8.05
06/10/2020	9.20	8.20	12.20
06/11/2020	9.14	8.20	11.46
06/12/2020	8.99	8.20	9.63
06/13/2020	9.12	8.20	11.22
06/14/2020	8.84	8.20	7.80
06/15/2020	8.79	8.20	7.20
06/16/2020	8.81	8.20	7.44
06/17/2020	8.71	8.20	6.22
06/18/2020	8.77	8.20	6.95
06/19/2020	9.15	8.20	11.59
06/20/2020	9.18	8.20	11.95
06/21/2020	9.14	8.20	11.46
06/22/2020	9.14	8.20	11.46
06/23/2020	9.22	8.20	12.44
06/24/2020	9.17	8.20	11.83
06/25/2020	8.90	8.20	8.54
06/26/2020	9.11	8.20	11.10
06/27/2020	9.14	8.20	11.46
06/28/2020	9.17	8.20	11.83
06/29/2020	8.84	8.20	7.80
06/30/2020	9.17	8.20	11.83

Downwind #1 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	11.95	12.00	-0.42
04/02/2020	11.85	12.00	-1.25
04/02/2020	11.93	12.00	-0.58
04/03/2020	11.91	12.00	-0.75
04/04/2020	11.78	12.00	-1.83
04/05/2020	11.82	12.00	-1.50
04/06/2020	11.85	12.00	-1.25
04/16/2020	11.68	12.00	-2.67
04/17/2020	11.86	12.00	-1.17
04/18/2020	11.80	12.00	-1.67
04/20/2020	11.97	12.00	-0.25
04/21/2020	11.82	12.00	-1.50
04/22/2020	11.80	12.00	-1.67
04/23/2020	11.80	12.00	-1.67
04/24/2020	12.04	12.00	0.33
04/25/2020	11.92	12.00	-0.67
04/26/2020	11.87	12.00	-1.08
04/27/2020	11.83	12.00	-1.42
04/28/2020	11.82	12.00	-1.50
04/29/2020	11.92	12.00	-0.67
04/30/2020	11.95	12.00	-0.42
05/01/2020	11.96	12.00	-0.33
05/02/2020	11.81	12.00	-1.58
05/03/2020	11.91	12.00	-0.75
05/04/2020	11.83	12.00	-1.42
05/05/2020	11.89	12.00	-0.92
05/06/2020	12.05	12.00	0.42
05/07/2020	11.76	12.00	-2.00
05/08/2020	11.96	12.00	-0.33
05/09/2020	11.88	12.00	-1.00
05/10/2020	11.84	12.00	-1.33
05/11/2020	11.96	12.00	-0.33
05/12/2020	11.79	12.00	-1.75
05/13/2020	11.85	12.00	-1.25
05/14/2020	11.85	12.00	-1.25
05/15/2020	11.76	12.00	-2.00
05/16/2020	11.96	12.00	-0.33
05/17/2020	11.81	12.00	-1.58
05/18/2020	11.94	12.00	-0.50
05/19/2020	11.99	12.00	-0.08
05/20/2020	11.76	12.00	-2.00
05/21/2020	11.85	12.00	-1.25
05/22/2020	11.92	12.00	-0.67
05/23/2020	11.78	12.00	-1.83
05/24/2020	11.84	12.00	-1.33
05/25/2020	11.81	12.00	-1.58

Downwind #1 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/26/2020	12.25	12.00	2.08
05/27/2020	12.23	12.00	1.92
05/28/2020	12.29	12.00	2.42
05/29/2020	12.23	12.00	1.92
05/30/2020	12.30	12.00	2.50
06/03/2020	11.75	12.00	-2.08
06/04/2020	12.25	12.00	2.08
06/05/2020	12.33	12.00	2.75
06/06/2020	12.16	12.00	1.33
06/07/2020	12.29	12.00	2.42
06/08/2020	11.79	12.00	-1.75
06/09/2020	11.91	12.00	-0.75
06/10/2020	12.28	12.00	2.33
06/11/2020	12.25	12.00	2.08
06/12/2020	12.20	12.00	1.67
06/13/2020	12.21	12.00	1.75
06/14/2020	11.78	12.00	-1.83
06/15/2020	11.76	12.00	-2.00
06/16/2020	11.69	12.00	-2.58
06/17/2020	11.69	12.00	-2.58
06/18/2020	11.74	12.00	-2.17
06/19/2020	12.24	12.00	2.00
06/20/2020	12.29	12.00	2.42
06/21/2020	12.23	12.00	1.92
06/22/2020	12.20	12.00	1.67
06/23/2020	12.31	12.00	2.58
06/24/2020	12.26	12.00	2.17
06/25/2020	11.93	12.00	-0.58
06/26/2020	12.23	12.00	1.92
06/27/2020	11.99	12.00	-0.08
06/28/2020	12.27	12.00	2.25
06/29/2020	11.88	12.00	-1.00
06/30/2020	12.24	12.00	2.00

Downwind #1 - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	2.88	2.80	2.86
04/02/2020	2.85	2.80	1.79
04/02/2020	2.87	2.80	2.50
04/03/2020	2.86	2.80	2.14
04/04/2020	2.85	2.80	1.79
04/05/2020	2.83	2.80	1.07
04/06/2020	2.84	2.80	1.43
04/16/2020	2.81	2.80	0.36
04/17/2020	2.85	2.80	1.79
04/18/2020	2.82	2.80	0.71
04/20/2020	2.86	2.80	2.14
04/21/2020	2.84	2.80	1.43
04/22/2020	2.81	2.80	0.36
04/23/2020	2.82	2.80	0.71
04/24/2020	2.88	2.80	2.86
04/25/2020	2.84	2.80	1.43
04/26/2020	2.83	2.80	1.07
04/27/2020	2.81	2.80	0.36
04/28/2020	2.82	2.80	0.71
04/29/2020	2.83	2.80	1.07
04/30/2020	2.84	2.80	1.43
05/01/2020	2.84	2.80	1.43
05/02/2020	2.80	2.80	0.00
05/03/2020	2.83	2.80	1.07
05/04/2020	2.84	2.80	1.43
05/05/2020	2.83	2.80	1.07
05/06/2020	2.88	2.80	2.86
05/07/2020	2.82	2.80	0.71
05/08/2020	2.85	2.80	1.79
05/09/2020	2.84	2.80	1.43
05/10/2020	2.82	2.80	0.71
05/11/2020	2.85	2.80	1.79
05/12/2020	2.84	2.80	1.43
05/13/2020	2.82	2.80	0.71
05/14/2020	2.83	2.80	1.07
05/15/2020	2.81	2.80	0.36
05/16/2020	2.86	2.80	2.14
05/17/2020	2.84	2.80	1.43
05/18/2020	2.84	2.80	1.43
05/19/2020	2.86	2.80	2.14
05/20/2020	2.82	2.80	0.71
05/21/2020	2.82	2.80	0.71
05/22/2020	2.84	2.80	1.43
05/23/2020	2.82	2.80	0.71
05/24/2020	2.84	2.80	1.43
05/25/2020	2.84	2.80	1.43

Downwind #1 - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
05/26/2020	2.94	2.80	5.00
05/27/2020	2.92	2.80	4.29
05/28/2020	2.91	2.80	3.93
05/29/2020	2.91	2.80	3.93
05/30/2020	2.90	2.80	3.57
06/03/2020	2.78	2.80	-0.71
06/04/2020	2.93	2.80	4.64
06/05/2020	2.97	2.80	6.07
06/06/2020	2.91	2.80	3.93
06/07/2020	2.90	2.80	3.57
06/08/2020	2.79	2.80	-0.36
06/09/2020	2.81	2.80	0.36
06/10/2020	2.92	2.80	4.29
06/11/2020	2.91	2.80	3.93
06/12/2020	2.88	2.80	2.86
06/13/2020	2.89	2.80	3.21
06/14/2020	2.78	2.80	-0.71
06/15/2020	2.79	2.80	-0.36
06/16/2020	2.79	2.80	-0.36
06/17/2020	2.76	2.80	-1.43
06/18/2020	2.76	2.80	-1.43
06/19/2020	2.91	2.80	3.93
06/20/2020	2.91	2.80	3.93
06/21/2020	2.89	2.80	3.21
06/22/2020	2.89	2.80	3.21
06/23/2020	2.90	2.80	3.57
06/24/2020	2.90	2.80	3.57
06/25/2020	2.79	2.80	-0.36
06/26/2020	2.89	2.80	3.21
06/27/2020	2.88	2.80	2.86
06/28/2020	2.87	2.80	2.50
06/29/2020	2.78	2.80	-0.71
06/30/2020	2.86	2.80	2.14

Downwind #2 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	12.62	11.90	6.05
04/02/2020	12.46	11.90	4.71
04/03/2020	12.48	11.90	4.87
04/04/2020	12.54	11.90	5.38
04/05/2020	12.38	11.90	4.03
04/06/2020	12.52	11.90	5.21
04/08/2020	12.88	11.90	8.24
04/09/2020	12.84	11.90	7.90
04/10/2020	12.54	11.90	5.38
04/11/2020	12.51	11.90	5.13
04/12/2020	12.94	11.90	8.74
04/13/2020	12.41	11.90	4.29
04/15/2020	12.43	11.90	4.45
04/17/2020	12.76	11.90	7.23
04/18/2020	12.59	11.90	5.80
04/19/2020	12.78	11.90	7.39
04/20/2020	12.84	11.90	7.90
04/21/2020	12.53	11.90	5.29
04/22/2020	12.45	11.90	4.62
04/23/2020	12.86	11.90	8.07
04/24/2020	12.62	11.90	6.05
04/25/2020	12.79	11.90	7.48
04/26/2020	12.73	11.90	6.97
04/28/2020	12.61	11.90	5.97
04/29/2020	12.86	11.90	8.07
05/01/2020	12.99	11.90	9.16
05/02/2020	12.68	11.90	6.55
05/03/2020	13.01	11.90	9.33
06/10/2020	13.17	11.90	10.67
06/10/2020	13.21	11.90	11.01
06/12/2020	12.80	11.90	7.56
06/13/2020	12.82	11.90	7.73
06/14/2020	12.55	11.90	5.46
06/15/2020	12.70	11.90	6.72
06/16/2020	12.47	11.90	4.79
06/17/2020	12.63	11.90	6.13
06/18/2020	12.51	11.90	5.13
06/19/2020	12.77	11.90	7.31
06/20/2020	12.82	11.90	7.73
06/21/2020	12.92	11.90	8.57
06/22/2020	12.88	11.90	8.24
06/23/2020	12.30	11.90	3.36
06/24/2020	12.32	11.90	3.53
06/25/2020	12.24	11.90	2.86
06/26/2020	12.23	11.90	2.77
06/27/2020	12.32	11.90	3.53

Downwind #2 - C2-C6 N-Butane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
06/28/2020	12.40	11.90	4.20
06/29/2020	12.27	11.90	3.11
06/30/2020	12.13	11.90	1.93

Downwind #2 - C2-C6 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	10.19	9.60	6.15
04/02/2020	9.98	9.60	3.96
04/03/2020	10.09	9.60	5.10
04/04/2020	10.11	9.60	5.31
04/05/2020	10.01	9.60	4.27
04/06/2020	10.06	9.60	4.79
04/08/2020	10.40	9.60	8.33
04/09/2020	10.23	9.60	6.56
04/10/2020	9.99	9.60	4.06
04/11/2020	10.10	9.60	5.21
04/13/2020	10.03	9.60	4.48
04/15/2020	9.92	9.60	3.33
04/17/2020	10.27	9.60	6.98
04/18/2020	10.11	9.60	5.31
04/19/2020	10.28	9.60	7.08
04/20/2020	10.24	9.60	6.67
04/21/2020	9.99	9.60	4.06
04/22/2020	9.92	9.60	3.33
04/28/2020	10.09	9.60	5.10
06/10/2020	10.80	9.60	12.50
06/10/2020	10.90	9.60	13.54
06/12/2020	10.63	9.60	10.73
06/13/2020	10.67	9.60	11.15
06/14/2020	10.45	9.60	8.85
06/15/2020	10.64	9.60	10.83
06/16/2020	10.37	9.60	8.02
06/17/2020	10.67	9.60	11.15
06/18/2020	10.49	9.60	9.27
06/19/2020	10.74	9.60	11.88
06/20/2020	10.75	9.60	11.98
06/21/2020	10.79	9.60	12.40
06/22/2020	10.69	9.60	11.35
06/23/2020	10.10	9.60	5.21
06/24/2020	9.47	9.60	-1.35
06/25/2020	9.44	9.60	-1.67
06/26/2020	10.08	9.60	5.00
06/27/2020	10.13	9.60	5.52
06/28/2020	10.10	9.60	5.21
06/29/2020	10.11	9.60	5.31
06/30/2020	10.08	9.60	5.00

Downwind #2 - C6-C12 N-Hexane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	9.51	9.60	-0.94
04/02/2020	9.58	9.60	-0.21
04/03/2020	9.63	9.60	0.31
04/04/2020	9.63	9.60	0.31
04/05/2020	9.56	9.60	-0.42
04/06/2020	9.70	9.60	1.04
04/08/2020	9.79	9.60	1.98
04/09/2020	9.86	9.60	2.71
04/10/2020	9.69	9.60	0.94
04/11/2020	9.74	9.60	1.46
04/12/2020	9.94	9.60	3.54
04/13/2020	9.74	9.60	1.46
04/15/2020	9.67	9.60	0.73
04/17/2020	9.95	9.60	3.65
04/18/2020	9.89	9.60	3.02
04/19/2020	9.97	9.60	3.85
04/20/2020	10.10	9.60	5.21
04/21/2020	9.99	9.60	4.06
04/22/2020	9.90	9.60	3.13
04/23/2020	10.17	9.60	5.94
04/24/2020	10.01	9.60	4.27
04/25/2020	10.07	9.60	4.90
04/26/2020	9.99	9.60	4.06
04/28/2020	9.97	9.60	3.85
04/29/2020	10.07	9.60	4.90
05/01/2020	10.21	9.60	6.35
05/02/2020	10.06	9.60	4.79
05/03/2020	10.24	9.60	6.67
06/23/2020	10.71	9.60	11.56
06/24/2020	10.74	9.60	11.88
06/25/2020	10.63	9.60	10.73
06/26/2020	10.59	9.60	10.31
06/27/2020	10.84	9.60	12.92
06/28/2020	10.70	9.60	11.46
06/29/2020	10.73	9.60	11.77
06/30/2020	10.77	9.60	12.19

Downwind #2 - C6-C12 Benzene CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	13.25	13.50	-1.85
04/02/2020	13.21	13.50	-2.15
04/03/2020	13.24	13.50	-1.93
04/04/2020	13.27	13.50	-1.70
04/05/2020	13.25	13.50	-1.85
04/06/2020	13.41	13.50	-0.67
04/08/2020	13.57	13.50	0.52
04/09/2020	13.61	13.50	0.81
04/10/2020	13.38	13.50	-0.89
04/11/2020	13.47	13.50	-0.22
04/12/2020	13.74	13.50	1.78
04/13/2020	13.49	13.50	-0.07
04/15/2020	13.43	13.50	-0.52
04/17/2020	13.77	13.50	2.00
04/18/2020	13.64	13.50	1.04
04/19/2020	13.87	13.50	2.74
04/20/2020	13.91	13.50	3.04
04/21/2020	13.75	13.50	1.85
04/22/2020	13.72	13.50	1.63
04/23/2020	14.00	13.50	3.70
04/24/2020	13.83	13.50	2.44
04/25/2020	13.97	13.50	3.48
04/26/2020	13.89	13.50	2.89
04/28/2020	13.68	13.50	1.33
04/29/2020	13.90	13.50	2.96
05/01/2020	14.10	13.50	4.44
05/02/2020	13.88	13.50	2.81
05/03/2020	14.11	13.50	4.52
06/23/2020	13.62	13.50	0.89
06/24/2020	13.94	13.50	3.26
06/25/2020	13.73	13.50	1.70
06/26/2020	13.67	13.50	1.26
06/27/2020	13.85	13.50	2.59
06/28/2020	13.67	13.50	1.26
06/29/2020	13.76	13.50	1.93
06/30/2020	13.55	13.50	0.37

Downwind #2 - C6-C12 N-Decane CAL Checks

Date	Response ppb	Target ppb	Percent Difference %
04/01/2020	2.50	2.50	0.00
04/02/2020	2.49	2.50	-0.40
04/03/2020	2.49	2.50	-0.40
04/04/2020	2.50	2.50	0.00
04/05/2020	2.49	2.50	-0.40
04/06/2020	2.51	2.50	0.40
04/08/2020	2.55	2.50	2.00
04/09/2020	2.55	2.50	2.00
04/10/2020	2.51	2.50	0.40
04/11/2020	2.52	2.50	0.80
04/12/2020	2.59	2.50	3.60
04/13/2020	2.53	2.50	1.20
04/15/2020	2.52	2.50	0.80
04/17/2020	2.59	2.50	3.60
04/18/2020	2.56	2.50	2.40
04/19/2020	2.61	2.50	4.40
04/20/2020	2.60	2.50	4.00
04/21/2020	2.56	2.50	2.40
04/22/2020	2.57	2.50	2.80
04/23/2020	2.63	2.50	5.20
04/24/2020	2.57	2.50	2.80
04/25/2020	2.61	2.50	4.40
04/26/2020	2.59	2.50	3.60
04/28/2020	2.57	2.50	2.80
04/29/2020	2.61	2.50	4.40
05/01/2020	2.63	2.50	5.20
05/02/2020	2.60	2.50	4.00
05/03/2020	2.64	2.50	5.60
06/23/2020	2.77	2.50	10.80
06/24/2020	2.78	2.50	11.20
06/25/2020	2.76	2.50	10.40
06/26/2020	2.71	2.50	8.40
06/27/2020	2.88	2.50	15.20
06/28/2020	2.79	2.50	11.60
06/29/2020	2.77	2.50	10.80
06/30/2020	2.72	2.50	8.80