

**BROOKFIELD RENEWABLE
BROOKFIELD POWER PINEY & DEEP CREEK, LLC**

Deep Creek Hydroelectric Station

2017 Annual Report

**Maryland Department of the Environment
Water Appropriation and Use Permit No. GA1992S009(08)**

January 2018

Brookfield

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1.0 INTRODUCTION

Brookfield Power Piney & Deep Creek, LLC (Brookfield) holds a Water Appropriation and Use Permit (Permit), issued on June 17, 2011 (effective June 1, 2011) by the Maryland Department of Environment (MDE), providing for the continued operation of the Deep Creek Hydroelectric Project (Project). Permit Condition 23 requires Brookfield to submit an annual report to the MDE, which includes data and information as specified in the Permit Conditions listed below.

- Lake level monitoring (Condition 15)
- Water temperature monitoring (Condition 16)
- Minimum flow release monitoring (Condition 17)
- Dissolved oxygen (DO) monitoring (Condition 18)
- Releases unsuitable for whitewater recreation (Condition 19)
- Zebra mussel monitoring (Condition 21)

1.1 Lake Level Monitoring

Brookfield operates the Project according to the Operating Rules specified in the 2011 Permit such that water elevations in Deep Creek Lake are maintained within the Operating Rule Band except that excursions of up to 0.3 feet above the Operating Rule Band lasting not more than 21 days are allowed from May through October, and except in the event of unusual or emergency conditions as defined in the 2011 Permit. The Upper Rule Band (URB) and Lower Rule Band (LRB) are the highest and lowest desirable reservoir levels at the end of each month.

Pursuant to the 2011 Permit, Brookfield measures and records water elevations in Deep Creek Lake via a gage at the intake structure near the dam at approximately the same time each day. Lake level monitoring data is included in Appendix A.

1.1.1 End-of-Month Lake Levels

Reservoir levels were above/below the URB at the end of the month as presented in Table 1. The end-of-month lake levels remained below the URB during half of 2017. The end-of-month lake levels were above the URB from February-May, July, and October by 0.1 to 0.3 ft.

**TABLE 1
END-OF-MONTH LAKE LEVEL (IN FEET) ABOVE / BELOW URB**

MONTH OF YEAR	FEET ABOVE (+) or BELOW (-) URB
January	0.0
February	+0.1
March	+0.2
April	+0.1
May	+0.3
June	0.0
July	+0.1
August	0.0
September	0.0
October	+0.2
November	0.0
December	0.0

1.1.2 Daily Lake Levels

In 2017, the Project area received higher than normal rainfall as well as an early freshet that occurred in March, both of which contributed to high lake levels in the first half of 2017. The following summary describes the daily variances of the URB and LRB, and Appendix A provides a graphical and tabular summary of these daily variances.

- The lake level remained above the LRB from January 1 through December 31, 2017.
- The lake level exceeded the URB on January 30 by 0.1 ft.
- The lake level exceeded the URB from February 12 through 21 by 0.1 to 0.2 ft.
- The lake level exceeded the URB from February 26 through April 30 (with the exception of March 28 and April 28) by 0.1 to 1.2 ft.

- The lake level exceeded the URB from July 29 through July 30 by 0.4 ft.

1.2 Water Temperature Monitoring

Brookfield monitored water temperature in the Youghiogheny River in accordance with the Deep Creek Station Water Temperature Enhancement Plan (approved June 8, 1996, revised September 2001 and January 2009).¹ The plan was designed to maintain water temperatures below 25 degrees Celsius (°C) in the Youghiogheny River.

Water temperature is measured from a temperature probe seasonally installed and maintained by Brookfield in the Youghiogheny River at the Sang Run Bridge. The instrument records water temperature at 10-minute intervals, has a monitoring accuracy of 0.1°C, and is calibrated in accordance with the manufacturer's instructions. Brookfield retrieves data via telephone modem from the instrument.

By reports dated July 5, August 3, and September 5, 2017, Brookfield provided the MDE with dates when temperature excursions occurred at the Sang Run temperature monitoring station and an explanation for those excursions. As described in the monthly reports, temperature excursions at the Project were due in part to the inherent uncertainty of the model. This model attempts to predict future temperatures of the Youghiogheny River, based on air temperature readings, cloud cover factor, cloud cover forecast, river flow, and actual water temperature readings. Due to the multitude of parameters used in the predictions, inherent variability in the predicted temperatures exists.

Temperature excursions occurred at the Project on June 13, 14, and 15; July 2, 5, and 18; and August 17. Brookfield conducted eleven specific temperature enhancement releases (TERs) in 2017 as shown in Table 2 below.

² By letter dated January 9, 2009, MDE provided Brookfield a copy of the January 2009 revision to the Deep Creek Station Youghiogheny River Water Temperature Enhancement Plan, and notified Brookfield that MDE planned to formally adopt the revised protocol on February 1, 2009. By letter dated January 30, 2009, Brookfield notified MDE that Brookfield concurred with the Revised Temperature Enhancement Plan protocol and would incorporate these changes into the model for the 2009 temperature-monitoring period.

Appendix B presents the Water Temperature Enhancement Plan data prediction sheets, the results of Sang Run temperature monitoring, and a summary of temperature excursions during the period from June 1 through August 31, 2017.

TABLE 2
2017 TEMPERATURE ENHANCEMENT PLAN RELEASE DATES

DATE	START TIME	STOP TIME	RIVER FLOW AT OAKLAND GAGE (CFS)
June 11, 2017	12:30	14:30	73
June 13, 2017	14:30	15:30	58
June 14, 2017	14:30	15:30	56
June 18, 2017	12:30	14:30	106
July 2, 2017	14:30	15:30	71
July 4, 2017	12:30	14:30	54
July 5, 2017	12:30	14:30	48
July 19, 2017	12:30	14:30	143
July 20, 2017	12:30	14:30	117
August 20, 2017	12:30	14:30	78.8
August 22, 2017	12:30	14:30	61.3

1.3 Minimum Flow Release Monitoring

Brookfield operated the flow bypass valve in accordance with the Deep Creek Station Flow Bypass Operation Protocol (May 1995, revised September 2001 and August 2012). The flow bypass protocol requires Brookfield to maintain a minimum flow of 40 cubic feet per second (cfs) in the Youghiogheny River immediately downstream of the tailrace. Brookfield monitored the daily river flows at the Hoyes Run Gage (USGS Gage No. 03076100). As required by the protocol, when calculated flows downstream of the tailrace are below 40 cfs, Brookfield may be required to open a bypass valve to release enough water to maintain 40 cfs.

Due to flows staying above 40 cfs, the flow bypass remained closed January 1 through December 31, 2017, with the exception of January 10. Brookfield provided enhanced bypass flow to the Youghiogheny River on January 10, 2017, due to calculated flows less than 40 cfs at the Hoyes Run Gage, which is located approximately $\frac{1}{4}$ mile downstream of the tailrace outflow. On January 10, 2017, the current flow and calculated Hoyes Run Flow was zero and the bypass

valve was opened 88 percent to provide the required 40 cfs. Appendix C includes the Bypass Flow Monitoring Log Sheets and USGS Provisional Water Discharge Data from the Hoyes Run Gage.

1.4 Dissolved Oxygen Monitoring

Brookfield operated the DO enhancement weir during 2017 in accordance with the Dissolved Oxygen Enhancement Operations and Monitoring Protocol approved by the MDE on January 6, 1995. In 2017, automated monitoring was conducted on a 24/7 basis for both on and off generation periods from approximately 8:46 am on June 2 through October 1². A HOBO dissolved oxygen data logger (Model U26-001) recorded readings at 30 minute intervals at the confluence of the tailrace and Youghiogeny River. A summary of the DO data is provided below and shown in tables and graphs provided in Appendix D.

As indicated below and shown on the graphs in Appendix D, DO concentrations at the Project steadily decrease throughout the summer months with the exception of sharp spikes in DO concentrations during periods of generation at the Project.

- DO concentrations typically begin to decrease rapidly in mid-July and extend through September.
- The daily average DO concentration in June was 7.11 parts per million (ppm) with a minimum concentration of 4.57 ppm and a maximum concentration of 9.87 ppm.
- The daily average DO concentration in July was 3.94 ppm with a minimum concentration of 0.72 ppm and a maximum concentration of 7.94 ppm.
- The daily average DO concentration in August was 2.40 ppm with a minimum concentration of 0.0 ppm and a maximum concentration of 7.73 ppm.
- The daily average DO concentration in September was 2.23 ppm with a minimum concentration of 0.0 ppm and a maximum concentration of 8.72 ppm.

² Conditions were deemed unsafe to install the monitor on June 1.

1.5 Releases Unsuitable for Whitewater Recreation

Permit Condition 19 outlines several operating rules designed to enhance whitewater boating opportunities in the Youghiogheny River.

Permit Condition 19.A provides a standard whitewater release (WWR) schedule, a special WWR schedule, and a provision that allows Brookfield to combine temperature enhancement releases with scheduled WWR. These conditions apply from April 15 through October 15, annually.

Permit Condition 19.B provides additional operating rules that place conditions on the operations of the Deep Creek Project based on flows at the Friendsville Gage and water levels at the Deep Creek Lake Gage.

More specifically, Permit Condition 19.B.V allows Brookfield to employ either a “3rd Hour Regulation” or an “All Hour Regulation” approach for plant operations, in addition to the previously referenced conditions.

There were no releases unsuitable for whitewater recreation during 2017.

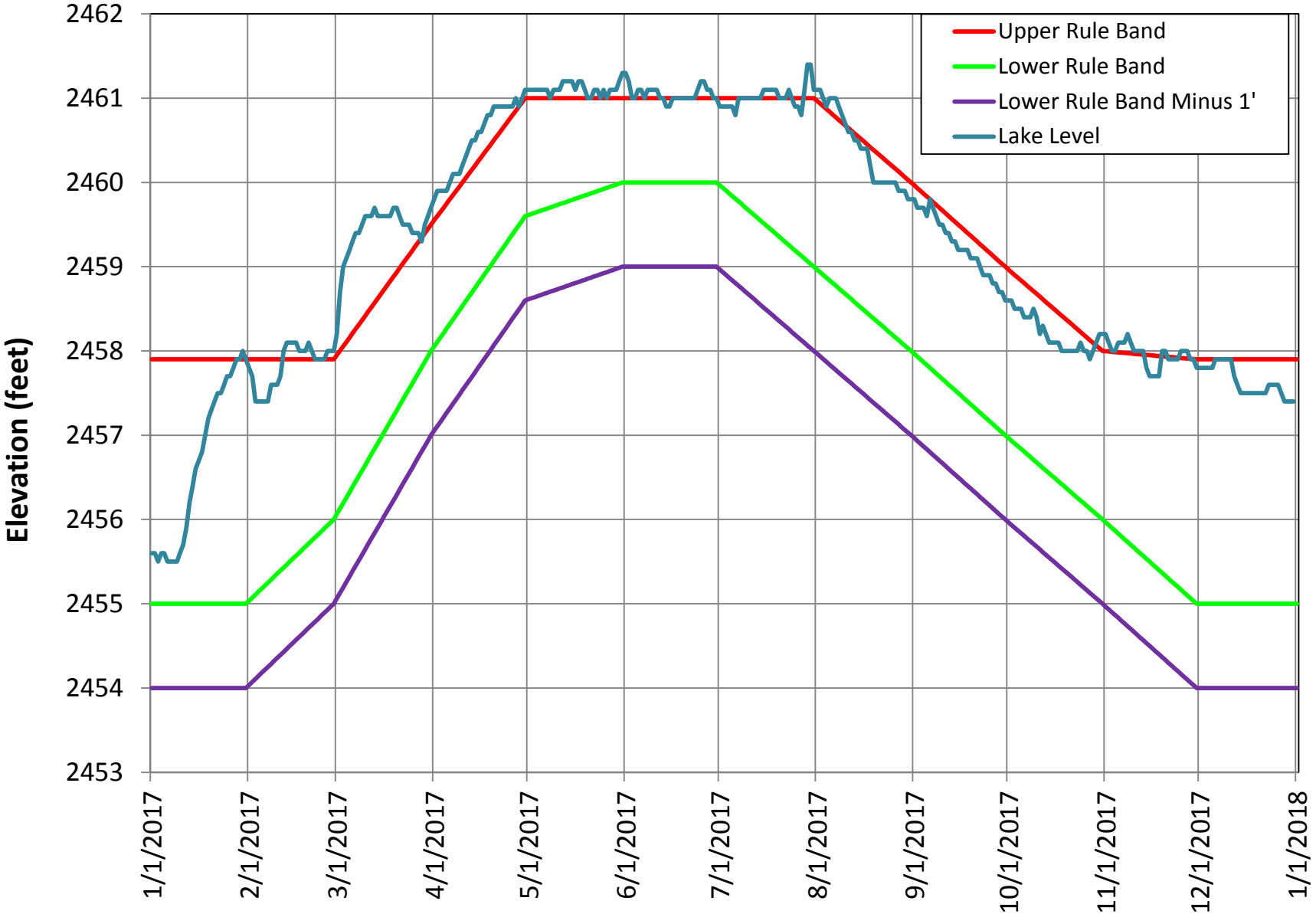
1.6 Zebra Mussel Monitoring

Artificial substrates placed at the Project intake area during 2017 showed no signs of zebra mussels. Appendix E contains the 2017 Zebra Mussel Monitoring Report data sheets.

APPENDIX A

- 2017 Deep Creek Lake Level Graph
- 2017 Deep Creek Daily Lake Level and Rainfall Table
- 2017 Daily Variances of Upper and Lower Rule Band

2017 Deep Creek Lake Level



Deep Creek Daily Lake Level 2017

Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)
Jan	1	2455.6	0.20	Feb	1	2457.8	0.25	Mar	1	2458.2	1.45
	2	2455.6	0.43		2	2457.7	0.00		2	2458.7	0.13
	3	2455.5	0.66		3	2457.4	0.00		3	2459.0	0.05
	4	2455.6	0.20		4	2457.4	0.00		4	2459.1	0.00
	5	2455.6	0.18		5	2457.4	0.00		5	2459.2	0.00
	6	2455.5	0.00		6	2457.4	0.20		6	2459.3	0.10
	7	2455.5	0.05		7	2457.4	0.57		7	2459.4	0.50
	8	2455.5	0.05		8	2457.6	0.50		8	2459.4	0.00
	9	2455.5	0.00		9	2457.6	0.15		9	2459.5	0.20
	10	2455.6	0.14		10	2457.6	0.00		10	2459.6	0.45
	11	2455.7	0.60		11	2457.7	0.45		11	2459.6	0.00
	12	2455.9	0.49		12	2458.0	0.50		12	2459.6	0.00
	13	2456.2	0.00		13	2458.1	0.00		13	2459.7	0.25
	14	2456.4	0.00		14	2458.1	0.00		14	2459.6	0.25
	15	2456.6	0.25		15	2458.1	0.05		15	2459.6	0.15
	16	2456.7	0.25		16	2458.1	0.03		16	2459.6	0.00
	17	2456.8	0.20		17	2458.0	0.00		17	2459.6	0.00
	18	2457.0	0.45		18	2458.0	0.00		18	2459.6	0.20
	19	2457.2	0.13		19	2458.0	0.00		19	2459.7	0.20
	20	2457.3	0.00		20	2458.1	0.00		20	2459.7	0.05
	21	2457.4	0.00		21	2458.0	0.00		21	2459.6	0.10
	22	2457.5	0.25		22	2457.9	0.00		22	2459.5	0.00
	23	2457.5	0.75		23	2457.9	0.05		23	2459.5	0.00
	24	2457.6	0.20		24	2457.9	0.00		24	2459.5	0.00
	25	2457.7	0.25		25	2457.9	0.45		25	2459.4	0.00
	26	2457.7	0.20		26	2458.0	0.00		26	2459.4	0.80
	27	2457.8	0.00		27	2458.0	0.00		27	2459.4	0.15
	28	2457.9	0.00		28	2458.0	1.15		28	2459.3	0.25
	29	2457.9	0.40		29	2458.2	1.45		29	2459.5	0.00
	30	2458.0	0.20						30	2459.6	0.07
	31	2457.9	0.03						31	2459.7	0.50
Total			6.56				5.8				5.85

Deep Creek Daily Lake Level 2017

Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)
Apr	1	2459.8	0.75	May	1	2461.1	0.55	Jun	1	2461.3	0.00
	2	2459.9	0.00		2	2461.1	0.00		2	2461.2	0.00
	3	2459.9	0.20		3	2461.1	0.05		3	2461.0	0.00
	4	2459.9	0.25		4	2461.1	1.30		4	2461.0	0.00
	5	2459.9	0.05		5	2461.1	0.26		5	2461.1	0.50
	6	2460.0	1.10		6	2461.1	0.27		6	2461.1	0.00
	7	2460.1	0.35		7	2461.1	0.27		7	2461.0	0.20
	8	2460.1	0.00		8	2461.0	0.00		8	2461.1	0.12
	9	2460.1	0.00		9	2461.1	0.00		9	2461.1	0.10
	10	2460.2	0.00		10	2461.1	0.50		10	2461.1	0.00
	11	2460.3	0.00		11	2461.1	0.80		11	2461.1	0.00
	12	2460.4	0.00		12	2461.2	0.20		12	2461.0	0.00
	13	2460.5	0.00		13	2461.2	0.20		13	2461.0	0.00
	14	2460.5	0.00		14	2461.2	0.00		14	2460.9	0.00
	15	2460.6	0.00		15	2461.2	0.00		15	2460.9	0.37
	16	2460.6	0.70		16	2461.1	0.00		16	2461.0	1.00
	17	2460.7	0.60		17	2461.2	0.00		17	2461.0	0.00
	18	2460.8	0.00		18	2461.2	0.00		18	2461.0	0.25
	19	2460.8	0.40		19	2461.1	0.08		19	2461.0	0.30
	20	2460.9	0.75		20	2461.0	0.00		20	2461.0	0.00
	21	2460.9	0.25		21	2461.0	0.07		21	2461.0	0.00
	22	2460.9	0.20		22	2461.1	0.05		22	2461.0	1.05
	23	2460.9	0.05		23	2461.1	0.35		23	2461.0	1.90
	24	2460.9	0.15		24	2461.0	0.65		24	2461.1	0.00
	25	2460.9	0.08		25	2461.1	0.35		25	2461.2	0.00
	26	2460.9	0.00		26	2461.0	0.35		26	2461.2	0.05
	27	2461.0	0.15		27	2461.1	0.45		27	2461.1	0.00
	28	2460.9	0.15		28	2461.1	0.22		28	2461.1	0.00
	29	2461.0	1.00		29	2461.1	0.00		29	2461.0	0.00
	30	2461.1	0.00		30	2461.2	0.20		30	2461.0	0.05
				31	2461.3	0.35					
Total			7.18				7.52				5.89

Deep Creek Daily Lake Level 2017

Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)
Jul	1	2460.9	0.00	Aug	1	2461.1	0.00	Sep	1	2459.8	0.00
	2	2460.9	0.00		2	2461.1	0.00		2	2459.7	0.10
	3	2460.9	0.00		3	2461.0	0.10		3	2459.7	0.10
	4	2460.9	0.00		4	2460.9	0.30		4	2459.7	0.10
	5	2460.9	0.07		5	2461.0	0.20		5	2459.6	0.90
	6	2460.8	1.23		6	2461.0	0.20		6	2459.8	0.00
	7	2461.0	0.30		7	2461.0	0.45		7	2459.7	0.00
	8	2461.0	0.30		8	2460.9	0.00		8	2459.6	0.05
	9	2461.0	0.00		9	2460.8	0.00		9	2459.5	0.00
	10	2461.0	0.30		10	2460.7	0.03		10	2459.5	0.00
	11	2461.0	0.22		11	2460.6	0.00		11	2459.4	0.00
	12	2461.0	0.08		12	2460.6	0.05		12	2459.4	0.00
	13	2461.0	0.45		13	2460.5	0.00		13	2459.3	0.20
	14	2461.0	0.50		14	2460.5	0.15		14	2459.3	0.05
	15	2461.1	0.20		15	2460.4	0.10		15	2459.2	0.00
	16	2461.1	0.00		16	2460.4	0.00		16	2459.2	0.00
	17	2461.1	0.00		17	2460.4	0.00		17	2459.2	0.00
	18	2461.1	0.00		18	2460.2	0.30		18	2459.2	0.00
	19	2461.1	0.00		19	2460.0	0.00		19	2459.1	0.00
	20	2461.0	0.00		20	2460.0	0.00		20	2459.1	0.05
	21	2461.0	0.30		21	2460.0	0.00		21	2459.1	0.12
	22	2461.0	1.00		22	2460.0	0.60		22	2459.0	0.00
	23	2461.1	0.00		23	2460.0	0.00		23	2458.9	0.00
	24	2461.0	0.00		24	2460.0	0.10		24	2458.9	0.00
	25	2460.9	0.00		25	2460.0	0.00		25	2458.9	0.00
	26	2460.9	0.00		26	2460.0	0.00		26	2458.8	0.00
	27	2460.8	0.10		27	2459.9	0.00		27	2458.8	0.00
	28	2461.1	1.85		28	2459.9	0.00		28	2458.7	0.00
	29	2461.4	1.85		29	2459.9	0.00		29	2458.7	0.00
	30	2461.4	0.00		30	2459.8	0.00		30	2458.6	0.00
	31	2461.1	0.00		31	2459.8	0.00				
Total			8.75				2.58				1.67

Deep Creek Daily Lake Level 2017

Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)	Month	Day	Lake Level (feet msl)	Rainfall (Inches)
Oct	1	2458.6	0.00	Nov	1	2458.2	0.05	Dec	1	2457.8	0.00
	2	2458.6	0.00		2	2458.1	0.05		2	2457.8	0.00
	3	2458.5	0.00		3	2458.0	0.00		3	2457.8	0.00
	4	2458.5	0.00		4	2458.0	0.25		4	2457.8	0.00
	5	2458.5	0.10		5	2458.1	0.90		5	2457.8	0.30
	6	2458.4	0.00		6	2458.1	0.30		6	2457.9	0.00
	7	2458.4	0.00		7	2458.1	0.55		7	2457.9	0.07
	8	2458.4	1.05		8	2458.2	0.00		8	2457.9	0.00
	9	2458.5	0.35		9	2458.1	0.05		9	2457.9	0.00
	10	2458.4	0.00		10	2458.0	0.00		10	2457.9	0.00
	11	2458.2	1.35		11	2458.0	0.00		11	2457.9	0.00
	12	2458.3	0.05		12	2458.0	0.05		12	2457.7	0.15
	13	2458.2	0.00		13	2458.0	0.10		13	2457.6	0.30
	14	2458.1	0.00		14	2457.8	0.00		14	2457.5	0.03
	15	2458.1	0.30		15	2457.7	0.20		15	2457.5	0.00
	16	2458.1	0.05		16	2457.7	0.00		16	2457.5	0.00
	17	2458.1	0.00		17	2457.7	0.00		17	2457.5	0.00
	18	2458.0	0.00		18	2457.7	1.00		18	2457.5	0.00
	19	2458.0	0.00		19	2458.0	0.45		19	2457.5	0.05
	20	2458.0	0.00		20	2458.0	0.00		20	2457.5	0.00
	21	2458.0	0.00		21	2457.9	0.00		21	2457.5	0.00
	22	2458.0	0.00		22	2457.9	0.00		22	2457.5	0.30
	23	2458.0	1.25		23	2457.9	0.00		23	2457.6	0.30
	24	2458.1	0.00		24	2457.9	0.00		24	2457.6	0.30
	25	2458.0	0.05		25	2458.0	0.00		25	2457.6	0.00
	26	2458.0	0.00		26	2458.0	0.00		26	2457.6	0.10
	27	2457.9	0.25		27	2458.0	0.00		27	2457.5	0.00
	28	2458.0	1.00		28	2457.9	0.00		28	2457.4	0.30
	29	2458.1	1.00		29	2457.9	0.00		29	2457.4	0.00
	30	2458.2	0.00		30	2457.8	0.15		30	2457.4	0.00
	31	2458.2	0.00						31	2457.4	0.00
Total			6.8				4.1				2.2
										Year Total	64.9

SUMMARY OF DAILY VARIANCES OF THE UPPER AND LOWER RULE BANDS - 2017

Date	Reservoir Level (feet)	Upper Rule Band (feet)	Lower Rule Band (feet)	Δ (feet)
1/30/2017	2458.0	2457.9	2455.0	0.1
2/12/2017	2458.0	2457.9	2455.4	0.1
2/13/2017	2458.1	2457.9	2455.5	0.2
2/14/2017	2458.1	2457.9	2455.5	0.2
2/15/2017	2458.1	2457.9	2455.5	0.2
2/16/2017	2458.1	2457.9	2455.6	0.2
2/17/2017	2458.0	2457.9	2455.6	0.1
2/18/2017	2458.0	2457.9	2455.6	0.1
2/19/2017	2458.0	2457.9	2455.7	0.1
2/20/2017	2458.1	2457.9	2455.7	0.2
2/21/2017	2458.0	2457.9	2455.8	0.1
2/26/2017	2458.0	2457.9	2455.9	0.1
2/27/2017	2458.0	2457.9	2456.0	0.1
2/28/2017	2458.0	2457.9	2456.0	0.1
3/1/2017	2458.2	2458.0	2456.1	0.2
3/2/2017	2458.7	2458.0	2456.1	0.7
3/3/2017	2459.0	2458.1	2456.2	0.9
3/4/2017	2459.1	2458.1	2456.3	1.0
3/5/2017	2459.2	2458.2	2456.3	1.0
3/6/2017	2459.3	2458.2	2456.4	1.1
3/7/2017	2459.4	2458.3	2456.5	1.1
3/8/2017	2459.4	2458.3	2456.5	1.1
3/9/2017	2459.5	2458.4	2456.6	1.1
3/10/2017	2459.6	2458.4	2456.6	1.2
3/11/2017	2459.6	2458.5	2456.7	1.1
3/12/2017	2459.6	2458.5	2456.8	1.1
3/13/2017	2459.7	2458.6	2456.8	1.1
3/14/2017	2459.6	2458.6	2456.9	1.0
3/15/2017	2459.6	2458.7	2457.0	0.9
3/16/2017	2459.6	2458.7	2457.0	0.9
3/17/2017	2459.6	2458.8	2457.1	0.8
3/18/2017	2459.6	2458.8	2457.2	0.8
3/19/2017	2459.7	2458.9	2457.2	0.8
3/20/2017	2459.7	2458.9	2457.3	0.8
3/21/2017	2459.6	2459.0	2457.4	0.6
3/22/2017	2459.5	2459.0	2457.4	0.5
3/23/2017	2459.5	2459.1	2457.5	0.4
3/24/2017	2459.5	2459.1	2457.5	0.4
3/25/2017	2459.4	2459.2	2457.6	0.2
3/26/2017	2459.4	2459.2	2457.7	0.2
3/27/2017	2459.4	2459.3	2457.7	0.1
3/29/2017	2459.5	2459.4	2457.9	0.1
3/30/2017	2459.6	2459.4	2457.9	0.2

SUMMARY OF DAILY VARIANCES OF THE UPPER AND LOWER RULE BANDS - 2017

Date	Reservoir Level (feet)	Upper Rule Band (feet)	Lower Rule Band (feet)	Δ (feet)
3/31/2017	2459.7	2459.5	2458.0	0.2
4/1/2017	2459.8	2459.6	2458.1	0.3
4/2/2017	2459.9	2459.6	2458.1	0.3
4/3/2017	2459.9	2459.7	2458.2	0.3
4/4/2017	2459.9	2459.7	2458.2	0.2
4/5/2017	2459.9	2459.8	2458.3	0.2
4/6/2017	2460.0	2459.8	2458.3	0.2
4/7/2017	2460.1	2459.9	2458.4	0.3
4/8/2017	2460.1	2459.9	2458.4	0.2
4/9/2017	2460.1	2460.0	2458.5	0.2
4/10/2017	2460.2	2460.0	2458.5	0.2
4/11/2017	2460.3	2460.1	2458.6	0.3
4/12/2017	2460.4	2460.1	2458.6	0.3
4/13/2017	2460.5	2460.2	2458.7	0.3
4/14/2017	2460.5	2460.2	2458.7	0.3
4/15/2017	2460.6	2460.3	2458.8	0.3
4/16/2017	2460.6	2460.3	2458.9	0.3
4/17/2017	2460.7	2460.4	2458.9	0.3
4/18/2017	2460.8	2460.4	2459.0	0.4
4/19/2017	2460.8	2460.5	2459.0	0.4
4/20/2017	2460.9	2460.5	2459.1	0.4
4/21/2017	2460.9	2460.6	2459.1	0.3
4/22/2017	2460.9	2460.6	2459.2	0.3
4/23/2017	2460.9	2460.7	2459.2	0.3
4/24/2017	2460.9	2460.7	2459.3	0.2
4/25/2017	2460.9	2460.8	2459.3	0.2
4/26/2017	2460.9	2460.8	2459.4	0.1
4/27/2017	2461.0	2460.9	2459.4	0.2
4/29/2017	2461.0	2461.0	2459.5	0.1
4/30/2017	2461.1	2461.0	2459.6	0.1
5/1/2017	2461.1	2461.0	2459.6	0.1
5/2/2017	2461.1	2461.0	2459.6	0.1
5/3/2017	2461.1	2461.0	2459.6	0.1
5/4/2017	2461.1	2461.0	2459.7	0.1
5/5/2017	2461.1	2461.0	2459.7	0.1
5/6/2017	2461.1	2461.0	2459.7	0.1
5/7/2017	2461.1	2461.0	2459.7	0.1
5/9/2017	2461.1	2461.0	2459.7	0.1
5/10/2017	2461.1	2461.0	2459.7	0.1
5/11/2017	2461.1	2461.0	2459.7	0.1
5/12/2017	2461.2	2461.0	2459.8	0.2
5/13/2017	2461.2	2461.0	2459.8	0.2
5/14/2017	2461.2	2461.0	2459.8	0.2

SUMMARY OF DAILY VARIANCES OF THE UPPER AND LOWER RULE BANDS - 2017

Date	Reservoir Level (feet)	Upper Rule Band (feet)	Lower Rule Band (feet)	Δ (feet)
5/15/2017	2461.2	2461.0	2459.8	0.2
5/16/2017	2461.1	2461.0	2459.8	0.1
5/17/2017	2461.2	2461.0	2459.8	0.2
5/18/2017	2461.2	2461.0	2459.8	0.2
5/19/2017	2461.1	2461.0	2459.8	0.1
5/22/2017	2461.1	2461.0	2459.9	0.1
5/23/2017	2461.1	2461.0	2459.9	0.1
5/25/2017	2461.1	2461.0	2459.9	0.1
5/27/2017	2461.1	2461.0	2459.9	0.1
5/28/2017	2461.1	2461.0	2460.0	0.1
5/29/2017	2461.1	2461.0	2460.0	0.1
5/30/2017	2461.2	2461.0	2460.0	0.2
5/31/2017	2461.3	2461.0	2460.0	0.3
6/1/2017	2461.3	2461.0	2460.0	0.3
6/2/2017	2461.2	2461.0	2460.0	0.2
6/5/2017	2461.1	2461.0	2460.0	0.1
6/6/2017	2461.1	2461.0	2460.0	0.1
6/8/2017	2461.1	2461.0	2460.0	0.1
6/9/2017	2461.1	2461.0	2460.0	0.1
6/10/2017	2461.1	2461.0	2460.0	0.1
6/11/2017	2461.1	2461.0	2460.0	0.1
6/24/2017	2461.1	2461.0	2460.0	0.1
6/25/2017	2461.2	2461.0	2460.0	0.2
6/26/2017	2461.2	2461.0	2460.0	0.2
6/27/2017	2461.1	2461.0	2460.0	0.1
6/28/2017	2461.1	2461.0	2460.0	0.1
7/15/2017	2461.1	2461.0	2459.5	0.1
7/16/2017	2461.1	2461.0	2459.5	0.1
7/17/2017	2461.1	2461.0	2459.5	0.1
7/18/2017	2461.1	2461.0	2459.4	0.1
7/19/2017	2461.1	2461.0	2459.4	0.1
7/23/2017	2461.1	2461.0	2459.3	0.1
7/28/2017	2461.1	2461.0	2459.1	0.1
7/29/2017	2461.4	2461.0	2459.1	0.4
7/30/2017	2461.4	2461.0	2459.0	0.4
7/31/2017	2461.1	2461.0	2459.0	0.1
8/1/2017	2461.1	2461.0	2459.0	0.1
8/2/2017	2461.1	2460.9	2458.9	0.2
8/3/2017	2461.0	2460.9	2458.9	0.1
8/5/2017	2461.0	2460.8	2458.8	0.2
8/6/2017	2461.0	2460.8	2458.8	0.2
8/7/2017	2461.0	2460.8	2458.8	0.2
8/8/2017	2460.9	2460.7	2458.7	0.2

SUMMARY OF DAILY VARIANCES OF THE UPPER AND LOWER RULE BANDS - 2017

Date	Reservoir Level (feet)	Upper Rule Band (feet)	Lower Rule Band (feet)	Δ (feet)
8/9/2017	2460.8	2460.7	2458.7	0.1
10/30/2017	2458.2	2458.0	2456.0	0.2
10/31/2017	2458.2	2458.0	2456.0	0.2
11/1/2017	2458.2	2458.0	2456.0	0.2
11/2/2017	2458.1	2458.0	2455.9	0.1
11/5/2017	2458.1	2458.0	2455.8	0.1
11/6/2017	2458.1	2458.0	2455.8	0.1
11/7/2017	2458.1	2458.0	2455.8	0.1
11/8/2017	2458.2	2458.0	2455.7	0.2
11/9/2017	2458.1	2458.0	2455.7	0.1
11/19/2017	2458.0	2457.9	2455.4	0.1
11/20/2017	2458.0	2457.9	2455.3	0.1
11/25/2017	2458.0	2457.9	2455.2	0.1
11/26/2017	2458.0	2457.9	2455.1	0.1
11/27/2017	2458.0	2457.9	2455.1	0.1

APPENDIX B

- 2017 Summary of Temperature Excursions
- 2017 Temperature in the Youghiogheny River at Sang Run Bridge
- 2017 Temperature Enhancement Plan Daily Log Sheets

Summary of Temperature Excursions
June 1, 2017 to June 30, 2017

Date	Duration	Max Temp (°C)	Cause	Remarks
June 13, 2017	1 hours 30 minutes	25.86	Model Uncertainty	The temperature protocol conducted on June 13 called for a one hour release ASAP not later than 14:30. A release using both units at full gate opening was made from 14:28 - 15:31.
June 14, 2017	1 hours 10 minutes	25.86	Model Uncertainty	The temperature protocol conducted on June 14 called for a one hour release ASAP not later than 14:30. A release using both units at full gate opening was made from 14:28 - 15:31.
June 15, 2017	3 hours 30 minutes	25.82	Model Uncertainty	The temperature protocol conducted on June 15 called for no release to occur because flows were above 150 cfs.

Summary of Temperature Excursions
July 1, 2017 to July 31, 2017

Date	Duration	Max Temp (°C)	Cause	Remarks
July 2, 2017	30 minutes	25.45	Model Uncertainty	The temperature protocol conducted on July 2 called for a one hour release ASAP not later than 14:30. A release using both units at full gate opening was made from 14:09 - 15:12.
July 5, 2017	1 hours 10 minutes	25.65	Model Uncertainty	The temperature protocol conducted on July 5 called for a two hour release not later than 12:30. A release using both units at full gate opening was made from 12:29 - 14:31.
July 18, 2017	3 hours 50 minutes	25.89	Model Uncertainty	The temperature protocol conducted on July 18 called for no release to occur because flows were above 150 cfs at the Oakland USGS Gage.

Summary of Temperature Excursions
August 1, 2017 to August 31, 2017

Date	Duration	Max Temp (°C)	Cause	Remarks
August 17, 2017	1 hour	25.63	Model Uncertainty	The temperature protocol conducted on August 17 was stopped at 14:00 due to 2 Unit Operation that was ran from 8/17/17 @ 13:57 to 8/18/17 @ 06:15.

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/1/2017 0:10	14.91
6/1/2017 0:20	14.89
6/1/2017 0:30	14.89
6/1/2017 0:40	14.83
6/1/2017 0:50	14.77
6/1/2017 1:00	14.69
6/1/2017 1:10	14.62
6/1/2017 1:20	14.48
6/1/2017 1:30	14.42
6/1/2017 1:40	14.41
6/1/2017 1:50	14.42
6/1/2017 2:00	14.47
6/1/2017 2:10	14.50
6/1/2017 2:20	14.49
6/1/2017 2:30	14.50
6/1/2017 2:40	14.48
6/1/2017 2:50	14.48
6/1/2017 3:00	14.58
6/1/2017 3:10	14.78
6/1/2017 3:20	14.97
6/1/2017 3:30	15.11
6/1/2017 3:40	15.22
6/1/2017 3:50	15.31
6/1/2017 4:00	15.39
6/1/2017 4:10	15.44
6/1/2017 4:20	15.48
6/1/2017 4:30	15.52
6/1/2017 4:40	15.54
6/1/2017 4:50	15.55
6/1/2017 5:00	15.56
6/1/2017 5:10	15.57
6/1/2017 5:20	15.57
6/1/2017 5:30	15.57
6/1/2017 5:40	15.56
6/1/2017 5:50	15.56
6/1/2017 6:00	15.55
6/1/2017 6:10	15.54
6/1/2017 6:20	15.53
6/1/2017 6:30	15.52
6/1/2017 6:40	15.50

Date/Time	Temp (°C)
6/1/2017 6:50	15.49
6/1/2017 7:00	15.48
6/1/2017 7:10	15.45
6/1/2017 7:20	15.44
6/1/2017 7:30	15.42
6/1/2017 7:40	15.41
6/1/2017 7:50	15.41
6/1/2017 8:00	15.40
6/1/2017 8:10	15.40
6/1/2017 8:20	15.40
6/1/2017 8:30	15.40
6/1/2017 8:40	15.42
6/1/2017 8:50	15.44
6/1/2017 9:00	15.47
6/1/2017 9:10	15.51
6/1/2017 9:20	15.55
6/1/2017 9:30	15.59
6/1/2017 9:40	15.64
6/1/2017 9:50	15.69
6/1/2017 10:00	15.74
6/1/2017 10:10	15.78
6/1/2017 10:20	15.83
6/1/2017 10:30	15.90
6/1/2017 10:40	15.98
6/1/2017 10:50	16.06
6/1/2017 11:00	16.14
6/1/2017 11:10	16.20
6/1/2017 11:20	16.28
6/1/2017 11:30	16.36
6/1/2017 11:40	16.41
6/1/2017 11:50	16.42
6/1/2017 12:00	16.40
6/1/2017 12:10	15.91
6/1/2017 12:20	15.48
6/1/2017 12:30	15.59
6/1/2017 12:40	15.76
6/1/2017 12:50	15.86
6/1/2017 13:00	15.94
6/1/2017 13:10	16.02
6/1/2017 13:20	16.12

Date/Time	Temp (°C)
6/1/2017 13:30	16.21
6/1/2017 13:40	16.34
6/1/2017 13:50	16.43
6/1/2017 14:00	16.54
6/1/2017 14:10	16.69
6/1/2017 14:20	16.83
6/1/2017 14:30	16.85
6/1/2017 14:40	16.91
6/1/2017 14:50	16.95
6/1/2017 15:00	16.98
6/1/2017 15:10	16.99
6/1/2017 15:20	16.95
6/1/2017 15:30	16.91
6/1/2017 15:40	16.86
6/1/2017 15:50	16.79
6/1/2017 16:00	16.76
6/1/2017 16:10	16.79
6/1/2017 16:20	16.76
6/1/2017 16:30	16.83
6/1/2017 16:40	16.79
6/1/2017 16:50	16.85
6/1/2017 17:00	16.88
6/1/2017 17:10	17.00
6/1/2017 17:20	16.94
6/1/2017 17:30	16.85
6/1/2017 17:40	16.64
6/1/2017 17:50	16.55
6/1/2017 18:00	16.64
6/1/2017 18:10	16.65
6/1/2017 18:20	16.46
6/1/2017 18:30	16.23
6/1/2017 18:40	15.99
6/1/2017 18:50	15.86
6/1/2017 19:00	15.80
6/1/2017 19:10	15.76
6/1/2017 19:20	15.80
6/1/2017 19:30	15.80
6/1/2017 19:40	15.74
6/1/2017 19:50	15.65
6/1/2017 20:00	15.54

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/1/2017 20:10	15.48
6/1/2017 20:20	15.45
6/1/2017 20:30	15.39
6/1/2017 20:40	15.32
6/1/2017 20:50	15.31
6/1/2017 21:00	15.30
6/1/2017 21:10	15.29
6/1/2017 21:20	15.24
6/1/2017 21:30	15.14
6/1/2017 21:40	15.11
6/1/2017 21:50	15.09
6/1/2017 22:00	15.08
6/1/2017 22:10	15.10
6/1/2017 22:20	15.09
6/1/2017 22:30	15.05
6/1/2017 22:40	14.96
6/1/2017 22:50	14.84
6/1/2017 23:00	14.74
6/1/2017 23:10	14.66
6/1/2017 23:20	14.61
6/1/2017 23:30	14.59
6/1/2017 23:40	14.58
6/1/2017 23:50	14.60
6/2/2017 0:00	14.80
6/2/2017 0:10	15.07
6/2/2017 0:20	15.32
6/2/2017 0:30	15.50
6/2/2017 0:40	15.64
6/2/2017 0:50	15.75
6/2/2017 1:00	15.82
6/2/2017 1:10	15.88
6/2/2017 1:20	15.92
6/2/2017 1:30	15.96
6/2/2017 1:40	15.97
6/2/2017 1:50	15.98
6/2/2017 2:00	15.98
6/2/2017 2:10	15.97
6/2/2017 2:20	15.96
6/2/2017 2:30	15.94
6/2/2017 2:40	15.92

Date/Time	Temp (°C)
6/2/2017 2:50	15.90
6/2/2017 3:00	15.87
6/2/2017 3:10	15.84
6/2/2017 3:20	15.81
6/2/2017 3:30	15.78
6/2/2017 3:40	15.75
6/2/2017 3:50	15.72
6/2/2017 4:00	15.69
6/2/2017 4:10	15.66
6/2/2017 4:20	15.62
6/2/2017 4:30	15.59
6/2/2017 4:40	15.56
6/2/2017 4:50	15.52
6/2/2017 5:00	15.48
6/2/2017 5:10	15.44
6/2/2017 5:20	15.41
6/2/2017 5:30	15.37
6/2/2017 5:40	15.32
6/2/2017 5:50	15.28
6/2/2017 6:00	15.24
6/2/2017 6:10	15.21
6/2/2017 6:20	15.16
6/2/2017 6:30	15.13
6/2/2017 6:40	15.09
6/2/2017 6:50	15.06
6/2/2017 7:00	15.02
6/2/2017 7:10	15.00
6/2/2017 7:20	14.97
6/2/2017 7:30	14.94
6/2/2017 7:40	14.93
6/2/2017 7:50	14.91
6/2/2017 8:00	14.90
6/2/2017 8:10	14.89
6/2/2017 8:20	14.88
6/2/2017 8:30	14.89
6/2/2017 8:40	14.92
6/2/2017 8:50	14.94
6/2/2017 9:00	14.96
6/2/2017 9:10	14.80
6/2/2017 9:20	14.30

Date/Time	Temp (°C)
6/2/2017 9:30	14.16
6/2/2017 9:40	14.38
6/2/2017 9:50	14.54
6/2/2017 10:00	14.67
6/2/2017 10:10	14.71
6/2/2017 10:20	14.69
6/2/2017 10:30	14.74
6/2/2017 10:40	14.84
6/2/2017 10:50	14.95
6/2/2017 11:00	15.05
6/2/2017 11:10	15.12
6/2/2017 11:20	15.23
6/2/2017 11:30	15.39
6/2/2017 11:40	15.55
6/2/2017 11:50	15.67
6/2/2017 12:00	15.72
6/2/2017 12:10	15.72
6/2/2017 12:20	15.80
6/2/2017 12:30	15.92
6/2/2017 12:40	16.02
6/2/2017 12:50	16.09
6/2/2017 13:00	16.15
6/2/2017 13:10	16.11
6/2/2017 13:20	16.16
6/2/2017 13:30	16.35
6/2/2017 13:40	16.48
6/2/2017 13:50	16.58
6/2/2017 14:00	16.69
6/2/2017 14:10	16.72
6/2/2017 14:20	16.79
6/2/2017 14:30	16.76
6/2/2017 14:40	16.77
6/2/2017 14:50	16.79
6/2/2017 15:00	16.83
6/2/2017 15:10	16.73
6/2/2017 15:20	16.63
6/2/2017 15:30	16.66
6/2/2017 15:40	16.63
6/2/2017 15:50	16.65
6/2/2017 16:00	16.69

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/2/2017 16:10	16.81
6/2/2017 16:20	16.88
6/2/2017 16:30	16.91
6/2/2017 16:40	16.90
6/2/2017 16:50	16.92
6/2/2017 17:00	16.98
6/2/2017 17:10	16.98
6/2/2017 17:20	16.97
6/2/2017 17:30	16.82
6/2/2017 17:40	16.74
6/2/2017 17:50	16.66
6/2/2017 18:00	16.57
6/2/2017 18:10	16.49
6/2/2017 18:20	16.41
6/2/2017 18:30	16.28
6/2/2017 18:40	16.15
6/2/2017 18:50	15.98
6/2/2017 19:00	15.93
6/2/2017 19:10	15.85
6/2/2017 19:20	15.73
6/2/2017 19:30	15.60
6/2/2017 19:40	15.46
6/2/2017 19:50	15.30
6/2/2017 20:00	15.17
6/2/2017 20:10	15.13
6/2/2017 20:20	15.12
6/2/2017 20:30	15.08
6/2/2017 20:40	14.96
6/2/2017 20:50	14.86
6/2/2017 21:00	14.85
6/2/2017 21:10	14.89
6/2/2017 21:20	14.90
6/2/2017 21:30	14.86
6/2/2017 21:40	14.82
6/2/2017 21:50	14.79
6/2/2017 22:00	14.78
6/2/2017 22:10	14.77
6/2/2017 22:20	14.73
6/2/2017 22:30	14.69
6/2/2017 22:40	14.67

Date/Time	Temp (°C)
6/2/2017 22:50	14.61
6/2/2017 23:00	14.54
6/2/2017 23:10	14.51
6/2/2017 23:20	14.56
6/2/2017 23:30	14.66
6/2/2017 23:40	14.73
6/2/2017 23:50	14.75
6/3/2017 0:00	14.72
6/3/2017 0:10	14.69
6/3/2017 0:20	14.69
6/3/2017 0:30	14.68
6/3/2017 0:40	14.66
6/3/2017 0:50	14.63
6/3/2017 1:00	14.61
6/3/2017 1:10	14.59
6/3/2017 1:20	14.56
6/3/2017 1:30	14.54
6/3/2017 1:40	14.52
6/3/2017 1:50	14.50
6/3/2017 2:00	14.47
6/3/2017 2:10	14.44
6/3/2017 2:20	14.43
6/3/2017 2:30	14.48
6/3/2017 2:40	14.59
6/3/2017 2:50	14.69
6/3/2017 3:00	14.78
6/3/2017 3:10	14.85
6/3/2017 3:20	14.89
6/3/2017 3:30	14.95
6/3/2017 3:40	14.98
6/3/2017 3:50	15.00
6/3/2017 4:00	15.01
6/3/2017 4:10	15.01
6/3/2017 4:20	15.01
6/3/2017 4:30	15.00
6/3/2017 4:40	15.00
6/3/2017 4:50	14.99
6/3/2017 5:00	14.98
6/3/2017 5:10	14.97
6/3/2017 5:20	14.95

Date/Time	Temp (°C)
6/3/2017 5:30	14.93
6/3/2017 5:40	14.92
6/3/2017 5:50	14.90
6/3/2017 6:00	14.89
6/3/2017 6:10	14.87
6/3/2017 6:20	14.86
6/3/2017 6:30	14.84
6/3/2017 6:40	14.83
6/3/2017 6:50	14.81
6/3/2017 7:00	14.80
6/3/2017 7:10	14.79
6/3/2017 7:20	14.78
6/3/2017 7:30	14.77
6/3/2017 7:40	14.76
6/3/2017 7:50	14.77
6/3/2017 8:00	14.77
6/3/2017 8:10	14.78
6/3/2017 8:20	14.80
6/3/2017 8:30	14.81
6/3/2017 8:40	14.84
6/3/2017 8:50	14.89
6/3/2017 9:00	14.94
6/3/2017 9:10	15.01
6/3/2017 9:20	15.07
6/3/2017 9:30	15.15
6/3/2017 9:40	15.22
6/3/2017 9:50	15.29
6/3/2017 10:00	15.38
6/3/2017 10:10	15.48
6/3/2017 10:20	15.58
6/3/2017 10:30	15.69
6/3/2017 10:40	15.81
6/3/2017 10:50	15.94
6/3/2017 11:00	16.06
6/3/2017 11:10	16.19
6/3/2017 11:20	16.34
6/3/2017 11:30	16.50
6/3/2017 11:40	16.67
6/3/2017 11:50	16.84
6/3/2017 12:00	17.01

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/3/2017 12:10	17.20
6/3/2017 12:20	17.36
6/3/2017 12:30	17.55
6/3/2017 12:40	17.74
6/3/2017 12:50	17.91
6/3/2017 13:00	18.10
6/3/2017 13:10	18.25
6/3/2017 13:20	18.43
6/3/2017 13:30	18.57
6/3/2017 13:40	18.75
6/3/2017 13:50	18.94
6/3/2017 14:00	19.14
6/3/2017 14:10	19.26
6/3/2017 14:20	19.42
6/3/2017 14:30	19.58
6/3/2017 14:40	19.75
6/3/2017 14:50	19.89
6/3/2017 15:00	20.02
6/3/2017 15:10	20.14
6/3/2017 15:20	20.18
6/3/2017 15:30	20.22
6/3/2017 15:40	20.28
6/3/2017 15:50	20.36
6/3/2017 16:00	20.41
6/3/2017 16:10	20.49
6/3/2017 16:20	20.45
6/3/2017 16:30	20.35
6/3/2017 16:40	20.37
6/3/2017 16:50	20.40
6/3/2017 17:00	20.45
6/3/2017 17:10	20.36
6/3/2017 17:20	20.35
6/3/2017 17:30	20.30
6/3/2017 17:40	20.36
6/3/2017 17:50	20.34
6/3/2017 18:00	20.28
6/3/2017 18:10	20.20
6/3/2017 18:20	20.15
6/3/2017 18:30	20.10
6/3/2017 18:40	20.01

Date/Time	Temp (°C)
6/3/2017 18:50	19.93
6/3/2017 19:00	19.79
6/3/2017 19:10	19.64
6/3/2017 19:20	19.44
6/3/2017 19:30	19.29
6/3/2017 19:40	19.15
6/3/2017 19:50	19.01
6/3/2017 20:00	18.86
6/3/2017 20:10	18.71
6/3/2017 20:20	18.56
6/3/2017 20:30	18.43
6/3/2017 20:40	18.32
6/3/2017 20:50	18.20
6/3/2017 21:00	18.08
6/3/2017 21:10	17.97
6/3/2017 21:20	17.87
6/3/2017 21:30	17.78
6/3/2017 21:40	17.69
6/3/2017 21:50	17.61
6/3/2017 22:00	17.53
6/3/2017 22:10	17.45
6/3/2017 22:20	17.38
6/3/2017 22:30	17.30
6/3/2017 22:40	17.23
6/3/2017 22:50	17.16
6/3/2017 23:00	17.09
6/3/2017 23:10	17.03
6/3/2017 23:20	16.97
6/3/2017 23:30	16.91
6/3/2017 23:40	16.86
6/3/2017 23:50	16.81
6/4/2017 0:00	16.75
6/4/2017 0:10	16.71
6/4/2017 0:20	16.66
6/4/2017 0:30	16.62
6/4/2017 0:40	16.57
6/4/2017 0:50	16.53
6/4/2017 1:00	16.48
6/4/2017 1:10	16.45
6/4/2017 1:20	16.40

Date/Time	Temp (°C)
6/4/2017 1:30	16.36
6/4/2017 1:40	16.32
6/4/2017 1:50	16.29
6/4/2017 2:00	16.25
6/4/2017 2:10	16.22
6/4/2017 2:20	16.17
6/4/2017 2:30	16.13
6/4/2017 2:40	16.09
6/4/2017 2:50	16.05
6/4/2017 3:00	16.03
6/4/2017 3:10	15.99
6/4/2017 3:20	15.96
6/4/2017 3:30	15.92
6/4/2017 3:40	15.88
6/4/2017 3:50	15.84
6/4/2017 4:00	15.81
6/4/2017 4:10	15.77
6/4/2017 4:20	15.75
6/4/2017 4:30	15.71
6/4/2017 4:40	15.68
6/4/2017 4:50	15.64
6/4/2017 5:00	15.62
6/4/2017 5:10	15.58
6/4/2017 5:20	15.54
6/4/2017 5:30	15.49
6/4/2017 5:40	15.46
6/4/2017 5:50	15.43
6/4/2017 6:00	15.40
6/4/2017 6:10	15.38
6/4/2017 6:20	15.37
6/4/2017 6:30	15.35
6/4/2017 6:40	15.34
6/4/2017 6:50	15.34
6/4/2017 7:00	15.33
6/4/2017 7:10	15.33
6/4/2017 7:20	15.34
6/4/2017 7:30	15.35
6/4/2017 7:40	15.37
6/4/2017 7:50	15.38
6/4/2017 8:00	15.40

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/4/2017 8:10	15.44
6/4/2017 8:20	15.49
6/4/2017 8:30	15.52
6/4/2017 8:40	15.56
6/4/2017 8:50	15.64
6/4/2017 9:00	15.73
6/4/2017 9:10	15.83
6/4/2017 9:20	15.92
6/4/2017 9:30	16.01
6/4/2017 9:40	16.10
6/4/2017 9:50	16.19
6/4/2017 10:00	16.29
6/4/2017 10:10	16.39
6/4/2017 10:20	16.51
6/4/2017 10:30	16.65
6/4/2017 10:40	16.77
6/4/2017 10:50	16.93
6/4/2017 11:00	17.07
6/4/2017 11:10	17.17
6/4/2017 11:20	17.30
6/4/2017 11:30	17.46
6/4/2017 11:40	17.62
6/4/2017 11:50	17.79
6/4/2017 12:00	17.97
6/4/2017 12:10	18.18
6/4/2017 12:20	18.39
6/4/2017 12:30	18.60
6/4/2017 12:40	18.84
6/4/2017 12:50	19.02
6/4/2017 13:00	19.24
6/4/2017 13:10	19.41
6/4/2017 13:20	19.58
6/4/2017 13:30	19.72
6/4/2017 13:40	19.91
6/4/2017 13:50	20.13
6/4/2017 14:00	20.25
6/4/2017 14:10	20.39
6/4/2017 14:20	20.57
6/4/2017 14:30	20.70
6/4/2017 14:40	20.89

Date/Time	Temp (°C)
6/4/2017 14:50	21.11
6/4/2017 15:00	21.28
6/4/2017 15:10	21.43
6/4/2017 15:20	21.54
6/4/2017 15:30	21.67
6/4/2017 15:40	21.83
6/4/2017 15:50	21.87
6/4/2017 16:00	21.90
6/4/2017 16:10	21.97
6/4/2017 16:20	22.07
6/4/2017 16:30	22.12
6/4/2017 16:40	22.18
6/4/2017 16:50	22.20
6/4/2017 17:00	22.27
6/4/2017 17:10	22.29
6/4/2017 17:20	22.28
6/4/2017 17:30	22.25
6/4/2017 17:40	22.24
6/4/2017 17:50	22.19
6/4/2017 18:00	22.12
6/4/2017 18:10	22.03
6/4/2017 18:20	21.95
6/4/2017 18:30	21.91
6/4/2017 18:40	21.76
6/4/2017 18:50	21.65
6/4/2017 19:00	21.45
6/4/2017 19:10	21.28
6/4/2017 19:20	21.11
6/4/2017 19:30	20.95
6/4/2017 19:40	20.80
6/4/2017 19:50	20.62
6/4/2017 20:00	20.45
6/4/2017 20:10	20.28
6/4/2017 20:20	20.13
6/4/2017 20:30	19.98
6/4/2017 20:40	19.85
6/4/2017 20:50	19.72
6/4/2017 21:00	19.60
6/4/2017 21:10	19.48
6/4/2017 21:20	19.37

Date/Time	Temp (°C)
6/4/2017 21:30	19.26
6/4/2017 21:40	19.16
6/4/2017 21:50	19.04
6/4/2017 22:00	18.95
6/4/2017 22:10	18.84
6/4/2017 22:20	18.75
6/4/2017 22:30	18.66
6/4/2017 22:40	18.58
6/4/2017 22:50	18.49
6/4/2017 23:00	18.41
6/4/2017 23:10	18.32
6/4/2017 23:20	18.25
6/4/2017 23:30	18.18
6/4/2017 23:40	18.11
6/4/2017 23:50	18.04
6/5/2017 0:00	17.98
6/5/2017 0:10	17.93
6/5/2017 0:20	17.88
6/5/2017 0:30	17.84
6/5/2017 0:40	17.80
6/5/2017 0:50	17.76
6/5/2017 1:00	17.72
6/5/2017 1:10	17.69
6/5/2017 1:20	17.66
6/5/2017 1:30	17.63
6/5/2017 1:40	17.61
6/5/2017 1:50	17.58
6/5/2017 2:00	17.55
6/5/2017 2:10	17.53
6/5/2017 2:20	17.51
6/5/2017 2:30	17.49
6/5/2017 2:40	17.47
6/5/2017 2:50	17.45
6/5/2017 3:00	17.43
6/5/2017 3:10	17.41
6/5/2017 3:20	17.38
6/5/2017 3:30	17.36
6/5/2017 3:40	17.35
6/5/2017 3:50	17.34
6/5/2017 4:00	17.32

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/5/2017 4:10	17.30
6/5/2017 4:20	17.29
6/5/2017 4:30	17.26
6/5/2017 4:40	17.24
6/5/2017 4:50	17.23
6/5/2017 5:00	17.22
6/5/2017 5:10	17.20
6/5/2017 5:20	17.19
6/5/2017 5:30	17.17
6/5/2017 5:40	17.16
6/5/2017 5:50	17.14
6/5/2017 6:00	17.12
6/5/2017 6:10	17.11
6/5/2017 6:20	17.09
6/5/2017 6:30	17.08
6/5/2017 6:40	17.06
6/5/2017 6:50	17.05
6/5/2017 7:00	17.03
6/5/2017 7:10	17.01
6/5/2017 7:20	17.01
6/5/2017 7:30	17.00
6/5/2017 7:40	16.99
6/5/2017 7:50	16.99
6/5/2017 8:00	17.00
6/5/2017 8:10	17.00
6/5/2017 8:20	17.01
6/5/2017 8:30	17.03
6/5/2017 8:40	17.05
6/5/2017 8:50	17.08
6/5/2017 9:00	17.09
6/5/2017 9:10	17.10
6/5/2017 9:20	17.10
6/5/2017 9:30	17.11
6/5/2017 9:40	17.15
6/5/2017 9:50	17.16
6/5/2017 10:00	17.18
6/5/2017 10:10	17.20
6/5/2017 10:20	17.22
6/5/2017 10:30	17.23
6/5/2017 10:40	17.26

Date/Time	Temp (°C)
6/5/2017 10:50	17.29
6/5/2017 11:00	17.31
6/5/2017 11:10	17.33
6/5/2017 11:20	17.35
6/5/2017 11:30	17.38
6/5/2017 11:40	17.39
6/5/2017 11:50	17.40
6/5/2017 12:00	17.42
6/5/2017 12:10	17.43
6/5/2017 12:20	17.45
6/5/2017 12:30	17.44
6/5/2017 12:40	17.50
6/5/2017 12:50	17.53
6/5/2017 13:00	17.52
6/5/2017 13:10	16.68
6/5/2017 13:20	15.90
6/5/2017 13:30	16.01
6/5/2017 13:40	16.06
6/5/2017 13:50	16.06
6/5/2017 14:00	16.06
6/5/2017 14:10	16.08
6/5/2017 14:20	16.12
6/5/2017 14:30	16.15
6/5/2017 14:40	16.19
6/5/2017 14:50	16.28
6/5/2017 15:00	16.37
6/5/2017 15:10	16.38
6/5/2017 15:20	16.38
6/5/2017 15:30	16.43
6/5/2017 15:40	16.46
6/5/2017 15:50	16.51
6/5/2017 16:00	16.54
6/5/2017 16:10	16.59
6/5/2017 16:20	16.60
6/5/2017 16:30	16.64
6/5/2017 16:40	16.70
6/5/2017 16:50	16.66
6/5/2017 17:00	16.47
6/5/2017 17:10	16.31
6/5/2017 17:20	16.31

Date/Time	Temp (°C)
6/5/2017 17:30	16.32
6/5/2017 17:40	16.21
6/5/2017 17:50	16.16
6/5/2017 18:00	16.22
6/5/2017 18:10	16.18
6/5/2017 18:20	16.06
6/5/2017 18:30	16.00
6/5/2017 18:40	15.95
6/5/2017 18:50	15.86
6/5/2017 19:00	15.90
6/5/2017 19:10	15.98
6/5/2017 19:20	15.93
6/5/2017 19:30	15.82
6/5/2017 19:40	15.70
6/5/2017 19:50	15.59
6/5/2017 20:00	15.58
6/5/2017 20:10	15.63
6/5/2017 20:20	15.64
6/5/2017 20:30	15.61
6/5/2017 20:40	15.58
6/5/2017 20:50	15.55
6/5/2017 21:00	15.49
6/5/2017 21:10	15.46
6/5/2017 21:20	15.41
6/5/2017 21:30	15.32
6/5/2017 21:40	15.25
6/5/2017 21:50	15.21
6/5/2017 22:00	15.15
6/5/2017 22:10	15.11
6/5/2017 22:20	15.09
6/5/2017 22:30	15.14
6/5/2017 22:40	15.19
6/5/2017 22:50	15.19
6/5/2017 23:00	15.20
6/5/2017 23:10	15.17
6/5/2017 23:20	15.16
6/5/2017 23:30	15.16
6/5/2017 23:40	15.16
6/5/2017 23:50	15.16
6/6/2017 0:00	15.18

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/6/2017 0:10	15.19
6/6/2017 0:20	15.21
6/6/2017 0:30	15.21
6/6/2017 0:40	15.21
6/6/2017 0:50	15.19
6/6/2017 1:00	15.22
6/6/2017 1:10	15.32
6/6/2017 1:20	15.46
6/6/2017 1:30	15.60
6/6/2017 1:40	15.73
6/6/2017 1:50	15.83
6/6/2017 2:00	15.93
6/6/2017 2:10	16.01
6/6/2017 2:20	16.07
6/6/2017 2:30	16.11
6/6/2017 2:40	16.16
6/6/2017 2:50	16.20
6/6/2017 3:00	16.22
6/6/2017 3:10	16.24
6/6/2017 3:20	16.26
6/6/2017 3:30	16.27
6/6/2017 3:40	16.27
6/6/2017 3:50	16.27
6/6/2017 4:00	16.27
6/6/2017 4:10	16.26
6/6/2017 4:20	16.25
6/6/2017 4:30	16.24
6/6/2017 4:40	16.23
6/6/2017 4:50	16.22
6/6/2017 5:00	16.19
6/6/2017 5:10	16.18
6/6/2017 5:20	16.17
6/6/2017 5:30	16.15
6/6/2017 5:40	16.13
6/6/2017 5:50	16.11
6/6/2017 6:00	16.10
6/6/2017 6:10	16.09
6/6/2017 6:20	16.07
6/6/2017 6:30	16.07
6/6/2017 6:40	16.05

Date/Time	Temp (°C)
6/6/2017 6:50	16.05
6/6/2017 7:00	16.05
6/6/2017 7:10	16.06
6/6/2017 7:20	16.06
6/6/2017 7:30	16.05
6/6/2017 7:40	16.05
6/6/2017 7:50	16.06
6/6/2017 8:00	16.06
6/6/2017 8:10	16.06
6/6/2017 8:20	16.05
6/6/2017 8:30	16.08
6/6/2017 8:40	16.08
6/6/2017 8:50	16.09
6/6/2017 9:00	16.10
6/6/2017 9:10	16.11
6/6/2017 9:20	16.13
6/6/2017 9:30	16.16
6/6/2017 9:40	16.20
6/6/2017 9:50	16.21
6/6/2017 10:00	16.23
6/6/2017 10:10	16.28
6/6/2017 10:20	16.32
6/6/2017 10:30	16.38
6/6/2017 10:40	16.51
6/6/2017 10:50	16.66
6/6/2017 11:00	16.74
6/6/2017 11:10	16.74
6/6/2017 11:20	16.81
6/6/2017 11:30	16.98
6/6/2017 11:40	17.11
6/6/2017 11:50	17.12
6/6/2017 12:00	17.25
6/6/2017 12:10	17.24
6/6/2017 12:20	17.21
6/6/2017 12:30	17.23
6/6/2017 12:40	17.20
6/6/2017 12:50	17.17
6/6/2017 13:00	17.17
6/6/2017 13:10	17.24
6/6/2017 13:20	17.35

Date/Time	Temp (°C)
6/6/2017 13:30	17.39
6/6/2017 13:40	17.44
6/6/2017 13:50	17.46
6/6/2017 14:00	17.39
6/6/2017 14:10	17.36
6/6/2017 14:20	17.43
6/6/2017 14:30	17.50
6/6/2017 14:40	17.49
6/6/2017 14:50	17.53
6/6/2017 15:00	17.61
6/6/2017 15:10	17.58
6/6/2017 15:20	17.57
6/6/2017 15:30	17.60
6/6/2017 15:40	17.67
6/6/2017 15:50	17.64
6/6/2017 16:00	17.51
6/6/2017 16:10	17.41
6/6/2017 16:20	17.06
6/6/2017 16:30	16.34
6/6/2017 16:40	15.98
6/6/2017 16:50	15.99
6/6/2017 17:00	16.05
6/6/2017 17:10	16.08
6/6/2017 17:20	16.07
6/6/2017 17:30	16.01
6/6/2017 17:40	15.94
6/6/2017 17:50	15.89
6/6/2017 18:00	15.81
6/6/2017 18:10	15.74
6/6/2017 18:20	15.70
6/6/2017 18:30	15.57
6/6/2017 18:40	15.43
6/6/2017 18:50	15.35
6/6/2017 19:00	15.25
6/6/2017 19:10	15.17
6/6/2017 19:20	15.17
6/6/2017 19:30	15.19
6/6/2017 19:40	15.18
6/6/2017 19:50	15.17
6/6/2017 20:00	15.17

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/6/2017 20:10	15.19
6/6/2017 20:20	15.20
6/6/2017 20:30	15.21
6/6/2017 20:40	15.16
6/6/2017 20:50	15.06
6/6/2017 21:00	14.93
6/6/2017 21:10	14.85
6/6/2017 21:20	14.81
6/6/2017 21:30	14.78
6/6/2017 21:40	14.73
6/6/2017 21:50	14.64
6/6/2017 22:00	14.58
6/6/2017 22:10	14.60
6/6/2017 22:20	14.63
6/6/2017 22:30	14.62
6/6/2017 22:40	14.59
6/6/2017 22:50	14.55
6/6/2017 23:00	14.52
6/6/2017 23:10	14.51
6/6/2017 23:20	14.50
6/6/2017 23:30	14.49
6/6/2017 23:40	14.48
6/6/2017 23:50	14.46
6/7/2017 0:00	14.48
6/7/2017 0:10	14.48
6/7/2017 0:20	14.49
6/7/2017 0:30	14.50
6/7/2017 0:40	14.50
6/7/2017 0:50	14.51
6/7/2017 1:00	14.52
6/7/2017 1:10	14.54
6/7/2017 1:20	14.59
6/7/2017 1:30	14.67
6/7/2017 1:40	14.73
6/7/2017 1:50	14.80
6/7/2017 2:00	14.84
6/7/2017 2:10	14.88
6/7/2017 2:20	14.91
6/7/2017 2:30	14.91
6/7/2017 2:40	14.92

Date/Time	Temp (°C)
6/7/2017 2:50	14.92
6/7/2017 3:00	14.94
6/7/2017 3:10	14.95
6/7/2017 3:20	14.95
6/7/2017 3:30	14.95
6/7/2017 3:40	14.93
6/7/2017 3:50	14.90
6/7/2017 4:00	14.89
6/7/2017 4:10	14.88
6/7/2017 4:20	14.88
6/7/2017 4:30	14.86
6/7/2017 4:40	14.85
6/7/2017 4:50	14.83
6/7/2017 5:00	14.83
6/7/2017 5:10	14.82
6/7/2017 5:20	14.82
6/7/2017 5:30	14.82
6/7/2017 5:40	14.81
6/7/2017 5:50	14.80
6/7/2017 6:00	14.79
6/7/2017 6:10	14.79
6/7/2017 6:20	14.78
6/7/2017 6:30	14.78
6/7/2017 6:40	14.78
6/7/2017 6:50	14.78
6/7/2017 7:00	14.78
6/7/2017 7:10	14.78
6/7/2017 7:20	14.78
6/7/2017 7:30	14.80
6/7/2017 7:40	14.81
6/7/2017 7:50	14.82
6/7/2017 8:00	14.84
6/7/2017 8:10	14.86
6/7/2017 8:20	14.88
6/7/2017 8:30	14.91
6/7/2017 8:40	14.94
6/7/2017 8:50	14.99
6/7/2017 9:00	15.05
6/7/2017 9:10	15.09
6/7/2017 9:20	15.14

Date/Time	Temp (°C)
6/7/2017 9:30	15.20
6/7/2017 9:40	15.21
6/7/2017 9:50	15.24
6/7/2017 10:00	15.27
6/7/2017 10:10	15.30
6/7/2017 10:20	15.33
6/7/2017 10:30	15.34
6/7/2017 10:40	15.38
6/7/2017 10:50	15.42
6/7/2017 11:00	15.44
6/7/2017 11:10	15.47
6/7/2017 11:20	15.50
6/7/2017 11:30	15.52
6/7/2017 11:40	15.56
6/7/2017 11:50	15.62
6/7/2017 12:00	15.67
6/7/2017 12:10	15.71
6/7/2017 12:20	15.74
6/7/2017 12:30	15.80
6/7/2017 12:40	15.89
6/7/2017 12:50	15.97
6/7/2017 13:00	16.05
6/7/2017 13:10	16.12
6/7/2017 13:20	16.19
6/7/2017 13:30	16.26
6/7/2017 13:40	16.32
6/7/2017 13:50	16.41
6/7/2017 14:00	16.45
6/7/2017 14:10	16.57
6/7/2017 14:20	16.64
6/7/2017 14:30	16.68
6/7/2017 14:40	16.75
6/7/2017 14:50	16.76
6/7/2017 15:00	16.81
6/7/2017 15:10	16.75
6/7/2017 15:20	16.67
6/7/2017 15:30	16.64
6/7/2017 15:40	16.64
6/7/2017 15:50	16.63
6/7/2017 16:00	16.62

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/7/2017 16:10	16.61
6/7/2017 16:20	16.59
6/7/2017 16:30	16.55
6/7/2017 16:40	16.51
6/7/2017 16:50	16.48
6/7/2017 17:00	16.45
6/7/2017 17:10	16.41
6/7/2017 17:20	16.37
6/7/2017 17:30	16.35
6/7/2017 17:40	16.31
6/7/2017 17:50	16.23
6/7/2017 18:00	16.16
6/7/2017 18:10	16.09
6/7/2017 18:20	16.03
6/7/2017 18:30	16.00
6/7/2017 18:40	15.95
6/7/2017 18:50	15.91
6/7/2017 19:00	15.86
6/7/2017 19:10	15.81
6/7/2017 19:20	15.78
6/7/2017 19:30	15.75
6/7/2017 19:40	15.71
6/7/2017 19:50	15.67
6/7/2017 20:00	15.63
6/7/2017 20:10	15.58
6/7/2017 20:20	15.54
6/7/2017 20:30	15.50
6/7/2017 20:40	15.46
6/7/2017 20:50	15.42
6/7/2017 21:00	15.39
6/7/2017 21:10	15.35
6/7/2017 21:20	15.32
6/7/2017 21:30	15.29
6/7/2017 21:40	15.25
6/7/2017 21:50	15.22
6/7/2017 22:00	15.19
6/7/2017 22:10	15.16
6/7/2017 22:20	15.13
6/7/2017 22:30	15.10
6/7/2017 22:40	15.07

Date/Time	Temp (°C)
6/7/2017 22:50	15.04
6/7/2017 23:00	15.02
6/7/2017 23:10	14.99
6/7/2017 23:20	14.95
6/7/2017 23:30	14.93
6/7/2017 23:40	14.90
6/7/2017 23:50	14.87
6/8/2017 0:00	14.84
6/8/2017 0:10	14.82
6/8/2017 0:20	14.79
6/8/2017 0:30	14.77
6/8/2017 0:40	14.75
6/8/2017 0:50	14.72
6/8/2017 1:00	14.69
6/8/2017 1:10	14.67
6/8/2017 1:20	14.64
6/8/2017 1:30	14.62
6/8/2017 1:40	14.60
6/8/2017 1:50	14.58
6/8/2017 2:00	14.56
6/8/2017 2:10	14.54
6/8/2017 2:20	14.51
6/8/2017 2:30	14.50
6/8/2017 2:40	14.48
6/8/2017 2:50	14.46
6/8/2017 3:00	14.44
6/8/2017 3:10	14.42
6/8/2017 3:20	14.40
6/8/2017 3:30	14.37
6/8/2017 3:40	14.35
6/8/2017 3:50	14.34
6/8/2017 4:00	14.32
6/8/2017 4:10	14.30
6/8/2017 4:20	14.29
6/8/2017 4:30	14.27
6/8/2017 4:40	14.26
6/8/2017 4:50	14.24
6/8/2017 5:00	14.23
6/8/2017 5:10	14.21
6/8/2017 5:20	14.19

Date/Time	Temp (°C)
6/8/2017 5:30	14.16
6/8/2017 5:40	14.14
6/8/2017 5:50	14.12
6/8/2017 6:00	14.10
6/8/2017 6:10	14.09
6/8/2017 6:20	14.08
6/8/2017 6:30	14.07
6/8/2017 6:40	14.06
6/8/2017 6:50	14.06
6/8/2017 7:00	14.05
6/8/2017 7:10	14.07
6/8/2017 7:20	14.08
6/8/2017 7:30	14.12
6/8/2017 7:40	14.15
6/8/2017 7:50	14.16
6/8/2017 8:00	14.18
6/8/2017 8:10	14.18
6/8/2017 8:20	14.23
6/8/2017 8:30	14.34
6/8/2017 8:40	14.44
6/8/2017 8:50	14.48
6/8/2017 9:00	14.48
6/8/2017 9:10	14.49
6/8/2017 9:20	14.52
6/8/2017 9:30	14.54
6/8/2017 9:40	14.57
6/8/2017 9:50	14.61
6/8/2017 10:00	14.67
6/8/2017 10:10	14.73
6/8/2017 10:20	14.84
6/8/2017 10:30	14.94
6/8/2017 10:40	15.05
6/8/2017 10:50	15.18
6/8/2017 11:00	15.28
6/8/2017 11:10	15.39
6/8/2017 11:20	15.49
6/8/2017 11:30	15.55
6/8/2017 11:40	15.69
6/8/2017 11:50	15.81
6/8/2017 12:00	16.08

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/8/2017 12:10	16.29
6/8/2017 12:20	16.43
6/8/2017 12:30	16.47
6/8/2017 12:40	16.59
6/8/2017 12:50	16.75
6/8/2017 13:00	16.83
6/8/2017 13:10	17.00
6/8/2017 13:20	17.04
6/8/2017 13:30	17.03
6/8/2017 13:40	17.14
6/8/2017 13:50	17.46
6/8/2017 14:00	17.73
6/8/2017 14:10	17.67
6/8/2017 14:20	17.78
6/8/2017 14:30	17.71
6/8/2017 14:40	17.98
6/8/2017 14:50	18.30
6/8/2017 15:00	18.55
6/8/2017 15:10	18.71
6/8/2017 15:20	18.88
6/8/2017 15:30	19.05
6/8/2017 15:40	19.03
6/8/2017 15:50	18.96
6/8/2017 16:00	18.93
6/8/2017 16:10	18.83
6/8/2017 16:20	18.83
6/8/2017 16:30	18.83
6/8/2017 16:40	18.74
6/8/2017 16:50	18.71
6/8/2017 17:00	18.75
6/8/2017 17:10	18.75
6/8/2017 17:20	18.76
6/8/2017 17:30	18.74
6/8/2017 17:40	18.75
6/8/2017 17:50	18.73
6/8/2017 18:00	18.82
6/8/2017 18:10	18.67
6/8/2017 18:20	18.59
6/8/2017 18:30	18.46
6/8/2017 18:40	18.35

Date/Time	Temp (°C)
6/8/2017 18:50	18.23
6/8/2017 19:00	18.13
6/8/2017 19:10	18.03
6/8/2017 19:20	17.93
6/8/2017 19:30	17.83
6/8/2017 19:40	17.76
6/8/2017 19:50	17.68
6/8/2017 20:00	17.60
6/8/2017 20:10	17.50
6/8/2017 20:20	17.40
6/8/2017 20:30	17.29
6/8/2017 20:40	17.19
6/8/2017 20:50	17.08
6/8/2017 21:00	16.97
6/8/2017 21:10	16.88
6/8/2017 21:20	16.80
6/8/2017 21:30	16.70
6/8/2017 21:40	16.62
6/8/2017 21:50	16.54
6/8/2017 22:00	16.46
6/8/2017 22:10	16.40
6/8/2017 22:20	16.33
6/8/2017 22:30	16.26
6/8/2017 22:40	16.20
6/8/2017 22:50	16.13
6/8/2017 23:00	16.08
6/8/2017 23:10	16.03
6/8/2017 23:20	15.98
6/8/2017 23:30	15.93
6/8/2017 23:40	15.89
6/8/2017 23:50	15.84
6/9/2017 0:00	15.79
6/9/2017 0:10	15.77
6/9/2017 0:20	15.74
6/9/2017 0:30	15.70
6/9/2017 0:40	15.67
6/9/2017 0:50	15.64
6/9/2017 1:00	15.60
6/9/2017 1:10	15.57
6/9/2017 1:20	15.53

Date/Time	Temp (°C)
6/9/2017 1:30	15.51
6/9/2017 1:40	15.48
6/9/2017 1:50	15.45
6/9/2017 2:00	15.42
6/9/2017 2:10	15.40
6/9/2017 2:20	15.37
6/9/2017 2:30	15.35
6/9/2017 2:40	15.33
6/9/2017 2:50	15.31
6/9/2017 3:00	15.29
6/9/2017 3:10	15.27
6/9/2017 3:20	15.25
6/9/2017 3:30	15.23
6/9/2017 3:40	15.21
6/9/2017 3:50	15.18
6/9/2017 4:00	15.16
6/9/2017 4:10	15.14
6/9/2017 4:20	15.12
6/9/2017 4:30	15.10
6/9/2017 4:40	15.07
6/9/2017 4:50	15.05
6/9/2017 5:00	15.02
6/9/2017 5:10	15.00
6/9/2017 5:20	14.97
6/9/2017 5:30	14.95
6/9/2017 5:40	14.92
6/9/2017 5:50	14.90
6/9/2017 6:00	14.88
6/9/2017 6:10	14.86
6/9/2017 6:20	14.83
6/9/2017 6:30	14.83
6/9/2017 6:40	14.81
6/9/2017 6:50	14.80
6/9/2017 7:00	14.80
6/9/2017 7:10	14.78
6/9/2017 7:20	14.77
6/9/2017 7:30	14.77
6/9/2017 7:40	14.76
6/9/2017 7:50	14.76
6/9/2017 8:00	14.77

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/9/2017 8:10	14.81
6/9/2017 8:20	14.83
6/9/2017 8:30	14.85
6/9/2017 8:40	14.84
6/9/2017 8:50	14.89
6/9/2017 9:00	15.00
6/9/2017 9:10	15.13
6/9/2017 9:20	15.22
6/9/2017 9:30	15.32
6/9/2017 9:40	15.40
6/9/2017 9:50	15.45
6/9/2017 10:00	15.53
6/9/2017 10:10	15.57
6/9/2017 10:20	15.65
6/9/2017 10:30	15.73
6/9/2017 10:40	15.83
6/9/2017 10:50	15.94
6/9/2017 11:00	16.10
6/9/2017 11:10	16.30
6/9/2017 11:20	16.35
6/9/2017 11:30	16.45
6/9/2017 11:40	16.60
6/9/2017 11:50	16.74
6/9/2017 12:00	16.88
6/9/2017 12:10	17.01
6/9/2017 12:20	17.18
6/9/2017 12:30	17.30
6/9/2017 12:40	17.46
6/9/2017 12:50	17.67
6/9/2017 13:00	17.64
6/9/2017 13:10	17.39
6/9/2017 13:20	16.61
6/9/2017 13:30	16.72
6/9/2017 13:40	17.03
6/9/2017 13:50	17.18
6/9/2017 14:00	17.33
6/9/2017 14:10	17.50
6/9/2017 14:20	17.62
6/9/2017 14:30	17.64
6/9/2017 14:40	17.75

Date/Time	Temp (°C)
6/9/2017 14:50	17.74
6/9/2017 15:00	17.72
6/9/2017 15:10	17.65
6/9/2017 15:20	17.66
6/9/2017 15:30	17.75
6/9/2017 15:40	17.73
6/9/2017 15:50	17.90
6/9/2017 16:00	18.09
6/9/2017 16:10	18.24
6/9/2017 16:20	18.45
6/9/2017 16:30	18.60
6/9/2017 16:40	18.70
6/9/2017 16:50	18.85
6/9/2017 17:00	18.80
6/9/2017 17:10	19.09
6/9/2017 17:20	19.20
6/9/2017 17:30	19.22
6/9/2017 17:40	19.51
6/9/2017 17:50	19.55
6/9/2017 18:00	19.53
6/9/2017 18:10	19.71
6/9/2017 18:20	19.71
6/9/2017 18:30	19.69
6/9/2017 18:40	19.78
6/9/2017 18:50	19.86
6/9/2017 19:00	19.82
6/9/2017 19:10	19.81
6/9/2017 19:20	19.81
6/9/2017 19:30	19.78
6/9/2017 19:40	19.74
6/9/2017 19:50	19.67
6/9/2017 20:00	19.60
6/9/2017 20:10	19.50
6/9/2017 20:20	19.41
6/9/2017 20:30	19.30
6/9/2017 20:40	19.19
6/9/2017 20:50	19.09
6/9/2017 21:00	18.97
6/9/2017 21:10	18.87
6/9/2017 21:20	18.75

Date/Time	Temp (°C)
6/9/2017 21:30	18.66
6/9/2017 21:40	18.56
6/9/2017 21:50	18.45
6/9/2017 22:00	18.35
6/9/2017 22:10	18.26
6/9/2017 22:20	18.16
6/9/2017 22:30	18.06
6/9/2017 22:40	17.97
6/9/2017 22:50	17.87
6/9/2017 23:00	17.78
6/9/2017 23:10	17.71
6/9/2017 23:20	17.63
6/9/2017 23:30	17.54
6/9/2017 23:40	17.46
6/9/2017 23:50	17.38
6/10/2017 0:00	17.30
6/10/2017 0:10	17.23
6/10/2017 0:20	17.17
6/10/2017 0:30	17.10
6/10/2017 0:40	17.04
6/10/2017 0:50	16.98
6/10/2017 1:00	16.93
6/10/2017 1:10	16.87
6/10/2017 1:20	16.82
6/10/2017 1:30	16.76
6/10/2017 1:40	16.71
6/10/2017 1:50	16.66
6/10/2017 2:00	16.63
6/10/2017 2:10	16.58
6/10/2017 2:20	16.52
6/10/2017 2:30	16.48
6/10/2017 2:40	16.42
6/10/2017 2:50	16.38
6/10/2017 3:00	16.33
6/10/2017 3:10	16.30
6/10/2017 3:20	16.26
6/10/2017 3:30	16.22
6/10/2017 3:40	16.18
6/10/2017 3:50	16.14
6/10/2017 4:00	16.09

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/10/2017 4:10	16.04
6/10/2017 4:20	16.01
6/10/2017 4:30	15.98
6/10/2017 4:40	15.95
6/10/2017 4:50	15.91
6/10/2017 5:00	15.88
6/10/2017 5:10	15.86
6/10/2017 5:20	15.81
6/10/2017 5:30	15.78
6/10/2017 5:40	15.75
6/10/2017 5:50	15.72
6/10/2017 6:00	15.68
6/10/2017 6:10	15.66
6/10/2017 6:20	15.64
6/10/2017 6:30	15.63
6/10/2017 6:40	15.60
6/10/2017 6:50	15.58
6/10/2017 7:00	15.58
6/10/2017 7:10	15.55
6/10/2017 7:20	15.54
6/10/2017 7:30	15.53
6/10/2017 7:40	15.55
6/10/2017 7:50	15.56
6/10/2017 8:00	15.57
6/10/2017 8:10	15.57
6/10/2017 8:20	15.57
6/10/2017 8:30	15.59
6/10/2017 8:40	15.67
6/10/2017 8:50	15.75
6/10/2017 9:00	15.83
6/10/2017 9:10	15.87
6/10/2017 9:20	15.96
6/10/2017 9:30	16.07
6/10/2017 9:40	16.20
6/10/2017 9:50	16.31
6/10/2017 10:00	16.43
6/10/2017 10:10	16.57
6/10/2017 10:20	16.71
6/10/2017 10:30	16.82
6/10/2017 10:40	16.95

Date/Time	Temp (°C)
6/10/2017 10:50	17.09
6/10/2017 11:00	17.24
6/10/2017 11:10	17.42
6/10/2017 11:20	17.57
6/10/2017 11:30	17.71
6/10/2017 11:40	17.89
6/10/2017 11:50	18.11
6/10/2017 12:00	18.31
6/10/2017 12:10	18.52
6/10/2017 12:20	18.75
6/10/2017 12:30	18.98
6/10/2017 12:40	19.19
6/10/2017 12:50	19.39
6/10/2017 13:00	19.59
6/10/2017 13:10	19.84
6/10/2017 13:20	20.04
6/10/2017 13:30	20.22
6/10/2017 13:40	20.45
6/10/2017 13:50	20.68
6/10/2017 14:00	20.98
6/10/2017 14:10	21.24
6/10/2017 14:20	21.49
6/10/2017 14:30	21.75
6/10/2017 14:40	21.99
6/10/2017 14:50	22.21
6/10/2017 15:00	22.44
6/10/2017 15:10	22.68
6/10/2017 15:20	22.86
6/10/2017 15:30	23.05
6/10/2017 15:40	23.24
6/10/2017 15:50	23.38
6/10/2017 16:00	23.52
6/10/2017 16:10	23.67
6/10/2017 16:20	23.79
6/10/2017 16:30	23.92
6/10/2017 16:40	24.01
6/10/2017 16:50	24.06
6/10/2017 17:00	24.14
6/10/2017 17:10	24.15
6/10/2017 17:20	24.22

Date/Time	Temp (°C)
6/10/2017 17:30	24.21
6/10/2017 17:40	24.23
6/10/2017 17:50	24.19
6/10/2017 18:00	24.17
6/10/2017 18:10	24.13
6/10/2017 18:20	24.08
6/10/2017 18:30	24.00
6/10/2017 18:40	23.90
6/10/2017 18:50	23.79
6/10/2017 19:00	23.67
6/10/2017 19:10	23.53
6/10/2017 19:20	23.31
6/10/2017 19:30	23.11
6/10/2017 19:40	22.91
6/10/2017 19:50	22.71
6/10/2017 20:00	22.51
6/10/2017 20:10	22.32
6/10/2017 20:20	22.12
6/10/2017 20:30	21.91
6/10/2017 20:40	21.70
6/10/2017 20:50	21.50
6/10/2017 21:00	21.32
6/10/2017 21:10	21.14
6/10/2017 21:20	20.97
6/10/2017 21:30	20.81
6/10/2017 21:40	20.66
6/10/2017 21:50	20.51
6/10/2017 22:00	20.36
6/10/2017 22:10	20.22
6/10/2017 22:20	20.10
6/10/2017 22:30	19.97
6/10/2017 22:40	19.83
6/10/2017 22:50	19.71
6/10/2017 23:00	19.60
6/10/2017 23:10	19.48
6/10/2017 23:20	19.38
6/10/2017 23:30	19.27
6/10/2017 23:40	19.17
6/10/2017 23:50	19.07
6/11/2017 0:00	18.97

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/11/2017 0:10	18.88
6/11/2017 0:20	18.78
6/11/2017 0:30	18.69
6/11/2017 0:40	18.59
6/11/2017 0:50	18.51
6/11/2017 1:00	18.43
6/11/2017 1:10	18.34
6/11/2017 1:20	18.26
6/11/2017 1:30	18.19
6/11/2017 1:40	18.11
6/11/2017 1:50	18.04
6/11/2017 2:00	17.98
6/11/2017 2:10	17.91
6/11/2017 2:20	17.85
6/11/2017 2:30	17.78
6/11/2017 2:40	17.73
6/11/2017 2:50	17.68
6/11/2017 3:00	17.62
6/11/2017 3:10	17.57
6/11/2017 3:20	17.52
6/11/2017 3:30	17.47
6/11/2017 3:40	17.43
6/11/2017 3:50	17.38
6/11/2017 4:00	17.34
6/11/2017 4:10	17.29
6/11/2017 4:20	17.25
6/11/2017 4:30	17.20
6/11/2017 4:40	17.15
6/11/2017 4:50	17.10
6/11/2017 5:00	17.05
6/11/2017 5:10	17.01
6/11/2017 5:20	16.97
6/11/2017 5:30	16.92
6/11/2017 5:40	16.87
6/11/2017 5:50	16.83
6/11/2017 6:00	16.78
6/11/2017 6:10	16.74
6/11/2017 6:20	16.71
6/11/2017 6:30	16.68
6/11/2017 6:40	16.64

Date/Time	Temp (°C)
6/11/2017 6:50	16.60
6/11/2017 7:00	16.58
6/11/2017 7:10	16.56
6/11/2017 7:20	16.53
6/11/2017 7:30	16.52
6/11/2017 7:40	16.52
6/11/2017 7:50	16.52
6/11/2017 8:00	16.51
6/11/2017 8:10	16.52
6/11/2017 8:20	16.56
6/11/2017 8:30	16.58
6/11/2017 8:40	16.62
6/11/2017 8:50	16.70
6/11/2017 9:00	16.80
6/11/2017 9:10	16.91
6/11/2017 9:20	17.03
6/11/2017 9:30	17.16
6/11/2017 9:40	17.27
6/11/2017 9:50	17.39
6/11/2017 10:00	17.53
6/11/2017 10:10	17.66
6/11/2017 10:20	17.80
6/11/2017 10:30	17.96
6/11/2017 10:40	18.11
6/11/2017 10:50	18.28
6/11/2017 11:00	18.46
6/11/2017 11:10	18.69
6/11/2017 11:20	18.84
6/11/2017 11:30	19.02
6/11/2017 11:40	19.22
6/11/2017 11:50	19.48
6/11/2017 12:00	19.67
6/11/2017 12:10	19.68
6/11/2017 12:20	19.96
6/11/2017 12:30	20.05
6/11/2017 12:40	20.39
6/11/2017 12:50	20.67
6/11/2017 13:00	20.81
6/11/2017 13:10	21.06
6/11/2017 13:20	21.27

Date/Time	Temp (°C)
6/11/2017 13:30	21.48
6/11/2017 13:40	21.80
6/11/2017 13:50	22.11
6/11/2017 14:00	22.44
6/11/2017 14:10	22.48
6/11/2017 14:20	22.71
6/11/2017 14:30	22.86
6/11/2017 14:40	22.14
6/11/2017 14:50	20.81
6/11/2017 15:00	19.38
6/11/2017 15:10	19.12
6/11/2017 15:20	18.99
6/11/2017 15:30	18.68
6/11/2017 15:40	18.65
6/11/2017 15:50	18.57
6/11/2017 16:00	18.62
6/11/2017 16:10	18.69
6/11/2017 16:20	18.81
6/11/2017 16:30	19.03
6/11/2017 16:40	19.01
6/11/2017 16:50	19.31
6/11/2017 17:00	19.43
6/11/2017 17:10	19.52
6/11/2017 17:20	19.56
6/11/2017 17:30	19.50
6/11/2017 17:40	19.66
6/11/2017 17:50	19.82
6/11/2017 18:00	19.99
6/11/2017 18:10	20.03
6/11/2017 18:20	20.02
6/11/2017 18:30	20.19
6/11/2017 18:40	20.32
6/11/2017 18:50	20.36
6/11/2017 19:00	20.39
6/11/2017 19:10	20.39
6/11/2017 19:20	20.31
6/11/2017 19:30	20.27
6/11/2017 19:40	20.24
6/11/2017 19:50	20.24
6/11/2017 20:00	20.27

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/11/2017 20:10	20.30
6/11/2017 20:20	20.34
6/11/2017 20:30	20.39
6/11/2017 20:40	20.41
6/11/2017 20:50	20.42
6/11/2017 21:00	20.43
6/11/2017 21:10	20.44
6/11/2017 21:20	20.44
6/11/2017 21:30	20.44
6/11/2017 21:40	20.43
6/11/2017 21:50	20.42
6/11/2017 22:00	20.39
6/11/2017 22:10	20.36
6/11/2017 22:20	20.32
6/11/2017 22:30	20.27
6/11/2017 22:40	20.22
6/11/2017 22:50	20.16
6/11/2017 23:00	20.09
6/11/2017 23:10	20.03
6/11/2017 23:20	19.96
6/11/2017 23:30	19.88
6/11/2017 23:40	19.82
6/11/2017 23:50	19.74
6/12/2017 0:00	19.67
6/12/2017 0:10	19.60
6/12/2017 0:20	19.53
6/12/2017 0:30	19.45
6/12/2017 0:40	19.39
6/12/2017 0:50	19.32
6/12/2017 1:00	19.24
6/12/2017 1:10	19.18
6/12/2017 1:20	19.12
6/12/2017 1:30	19.06
6/12/2017 1:40	18.99
6/12/2017 1:50	18.94
6/12/2017 2:00	18.88
6/12/2017 2:10	18.82
6/12/2017 2:20	18.77
6/12/2017 2:30	18.71
6/12/2017 2:40	18.66

Date/Time	Temp (°C)
6/12/2017 2:50	18.60
6/12/2017 3:00	18.55
6/12/2017 3:10	18.50
6/12/2017 3:20	18.45
6/12/2017 3:30	18.40
6/12/2017 3:40	18.36
6/12/2017 3:50	18.31
6/12/2017 4:00	18.27
6/12/2017 4:10	18.21
6/12/2017 4:20	18.17
6/12/2017 4:30	18.13
6/12/2017 4:40	18.08
6/12/2017 4:50	18.04
6/12/2017 5:00	18.00
6/12/2017 5:10	17.95
6/12/2017 5:20	17.91
6/12/2017 5:30	17.86
6/12/2017 5:40	17.82
6/12/2017 5:50	17.78
6/12/2017 6:00	17.73
6/12/2017 6:10	17.69
6/12/2017 6:20	17.65
6/12/2017 6:30	17.61
6/12/2017 6:40	17.58
6/12/2017 6:50	17.56
6/12/2017 7:00	17.53
6/12/2017 7:10	17.52
6/12/2017 7:20	17.51
6/12/2017 7:30	17.49
6/12/2017 7:40	17.49
6/12/2017 7:50	17.50
6/12/2017 8:00	17.50
6/12/2017 8:10	17.51
6/12/2017 8:20	17.52
6/12/2017 8:30	17.55
6/12/2017 8:40	17.59
6/12/2017 8:50	17.66
6/12/2017 9:00	17.76
6/12/2017 9:10	17.89
6/12/2017 9:20	18.00

Date/Time	Temp (°C)
6/12/2017 9:30	18.11
6/12/2017 9:40	18.23
6/12/2017 9:50	18.33
6/12/2017 10:00	18.48
6/12/2017 10:10	18.62
6/12/2017 10:20	18.78
6/12/2017 10:30	18.95
6/12/2017 10:40	19.09
6/12/2017 10:50	19.29
6/12/2017 11:00	19.47
6/12/2017 11:10	19.64
6/12/2017 11:20	19.75
6/12/2017 11:30	19.92
6/12/2017 11:40	20.13
6/12/2017 11:50	20.25
6/12/2017 12:00	20.37
6/12/2017 12:10	20.69
6/12/2017 12:20	20.93
6/12/2017 12:30	21.21
6/12/2017 12:40	21.34
6/12/2017 12:50	21.22
6/12/2017 13:00	21.51
6/12/2017 13:10	21.22
6/12/2017 13:20	20.49
6/12/2017 13:30	19.10
6/12/2017 13:40	18.83
6/12/2017 13:50	18.74
6/12/2017 14:00	18.59
6/12/2017 14:10	18.55
6/12/2017 14:20	18.55
6/12/2017 14:30	18.57
6/12/2017 14:40	18.45
6/12/2017 14:50	18.48
6/12/2017 15:00	18.57
6/12/2017 15:10	18.51
6/12/2017 15:20	18.57
6/12/2017 15:30	18.65
6/12/2017 15:40	18.64
6/12/2017 15:50	18.68
6/12/2017 16:00	18.75

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/12/2017 16:10	18.79
6/12/2017 16:20	18.74
6/12/2017 16:30	18.78
6/12/2017 16:40	18.81
6/12/2017 16:50	18.77
6/12/2017 17:00	18.63
6/12/2017 17:10	18.61
6/12/2017 17:20	18.52
6/12/2017 17:30	18.51
6/12/2017 17:40	18.49
6/12/2017 17:50	18.39
6/12/2017 18:00	18.22
6/12/2017 18:10	18.04
6/12/2017 18:20	17.94
6/12/2017 18:30	17.88
6/12/2017 18:40	17.81
6/12/2017 18:50	17.77
6/12/2017 19:00	17.72
6/12/2017 19:10	17.66
6/12/2017 19:20	17.60
6/12/2017 19:30	17.57
6/12/2017 19:40	17.55
6/12/2017 19:50	17.52
6/12/2017 20:00	17.51
6/12/2017 20:10	17.50
6/12/2017 20:20	17.48
6/12/2017 20:30	17.46
6/12/2017 20:40	17.44
6/12/2017 20:50	17.40
6/12/2017 21:00	17.37
6/12/2017 21:10	17.34
6/12/2017 21:20	17.30
6/12/2017 21:30	17.26
6/12/2017 21:40	17.23
6/12/2017 21:50	17.19
6/12/2017 22:00	17.16
6/12/2017 22:10	17.13
6/12/2017 22:20	17.11
6/12/2017 22:30	17.11
6/12/2017 22:40	17.14

Date/Time	Temp (°C)
6/12/2017 22:50	17.20
6/12/2017 23:00	17.30
6/12/2017 23:10	17.42
6/12/2017 23:20	17.56
6/12/2017 23:30	17.70
6/12/2017 23:40	17.84
6/12/2017 23:50	17.98
6/13/2017 0:00	18.10
6/13/2017 0:10	18.22
6/13/2017 0:20	18.32
6/13/2017 0:30	18.42
6/13/2017 0:40	18.50
6/13/2017 0:50	18.57
6/13/2017 1:00	18.63
6/13/2017 1:10	18.69
6/13/2017 1:20	18.74
6/13/2017 1:30	18.78
6/13/2017 1:40	18.82
6/13/2017 1:50	18.84
6/13/2017 2:00	18.87
6/13/2017 2:10	18.89
6/13/2017 2:20	18.90
6/13/2017 2:30	18.92
6/13/2017 2:40	18.93
6/13/2017 2:50	18.94
6/13/2017 3:00	18.94
6/13/2017 3:10	18.93
6/13/2017 3:20	18.93
6/13/2017 3:30	18.92
6/13/2017 3:40	18.91
6/13/2017 3:50	18.89
6/13/2017 4:00	18.88
6/13/2017 4:10	18.87
6/13/2017 4:20	18.85
6/13/2017 4:30	18.83
6/13/2017 4:40	18.81
6/13/2017 4:50	18.80
6/13/2017 5:00	18.78
6/13/2017 5:10	18.75
6/13/2017 5:20	18.73

Date/Time	Temp (°C)
6/13/2017 5:30	18.71
6/13/2017 5:40	18.70
6/13/2017 5:50	18.68
6/13/2017 6:00	18.66
6/13/2017 6:10	18.65
6/13/2017 6:20	18.64
6/13/2017 6:30	18.63
6/13/2017 6:40	18.61
6/13/2017 6:50	18.60
6/13/2017 7:00	18.60
6/13/2017 7:10	18.59
6/13/2017 7:20	18.60
6/13/2017 7:30	18.61
6/13/2017 7:40	18.63
6/13/2017 7:50	18.65
6/13/2017 8:00	18.67
6/13/2017 8:10	18.69
6/13/2017 8:20	18.74
6/13/2017 8:30	18.79
6/13/2017 8:40	18.86
6/13/2017 8:50	18.94
6/13/2017 9:00	19.06
6/13/2017 9:10	19.22
6/13/2017 9:20	19.31
6/13/2017 9:30	19.34
6/13/2017 9:40	19.39
6/13/2017 9:50	19.46
6/13/2017 10:00	19.58
6/13/2017 10:10	19.60
6/13/2017 10:20	19.69
6/13/2017 10:30	19.84
6/13/2017 10:40	20.02
6/13/2017 10:50	20.17
6/13/2017 11:00	20.30
6/13/2017 11:10	20.44
6/13/2017 11:20	20.63
6/13/2017 11:30	20.77
6/13/2017 11:40	20.92
6/13/2017 11:50	21.07
6/13/2017 12:00	21.28

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/13/2017 12:10	21.56
6/13/2017 12:20	21.65
6/13/2017 12:30	21.87
6/13/2017 12:40	22.15
6/13/2017 12:50	22.37
6/13/2017 13:00	22.56
6/13/2017 13:10	22.88
6/13/2017 13:20	23.26
6/13/2017 13:30	23.26
6/13/2017 13:40	23.48
6/13/2017 13:50	23.81
6/13/2017 14:00	24.10
6/13/2017 14:10	24.35
6/13/2017 14:20	24.51
6/13/2017 14:30	24.66
6/13/2017 14:40	24.82
6/13/2017 14:50	24.82
6/13/2017 15:00	24.98
6/13/2017 15:10	25.29
6/13/2017 15:20	25.55
6/13/2017 15:30	25.61
6/13/2017 15:40	25.63
6/13/2017 15:50	25.68
6/13/2017 16:00	25.70
6/13/2017 16:10	25.74
6/13/2017 16:20	25.86
6/13/2017 16:30	25.81
6/13/2017 16:40	25.22
6/13/2017 16:50	24.11
6/13/2017 17:00	22.14
6/13/2017 17:10	21.08
6/13/2017 17:20	20.66
6/13/2017 17:30	20.43
6/13/2017 17:40	20.24
6/13/2017 17:50	20.11
6/13/2017 18:00	20.03
6/13/2017 18:10	19.97
6/13/2017 18:20	19.92
6/13/2017 18:30	19.89
6/13/2017 18:40	19.85

Date/Time	Temp (°C)
6/13/2017 18:50	19.82
6/13/2017 19:00	19.78
6/13/2017 19:10	19.75
6/13/2017 19:20	19.70
6/13/2017 19:30	19.65
6/13/2017 19:40	19.61
6/13/2017 19:50	19.56
6/13/2017 20:00	19.51
6/13/2017 20:10	19.46
6/13/2017 20:20	19.41
6/13/2017 20:30	19.36
6/13/2017 20:40	19.31
6/13/2017 20:50	19.27
6/13/2017 21:00	19.23
6/13/2017 21:10	19.20
6/13/2017 21:20	19.20
6/13/2017 21:30	19.22
6/13/2017 21:40	19.28
6/13/2017 21:50	19.35
6/13/2017 22:00	19.44
6/13/2017 22:10	19.53
6/13/2017 22:20	19.62
6/13/2017 22:30	19.72
6/13/2017 22:40	19.80
6/13/2017 22:50	19.87
6/13/2017 23:00	19.94
6/13/2017 23:10	19.99
6/13/2017 23:20	20.04
6/13/2017 23:30	20.07
6/13/2017 23:40	20.11
6/13/2017 23:50	20.13
6/14/2017 0:00	20.14
6/14/2017 0:10	20.15
6/14/2017 0:20	20.16
6/14/2017 0:30	20.15
6/14/2017 0:40	20.15
6/14/2017 0:50	20.14
6/14/2017 1:00	20.14
6/14/2017 1:10	20.13
6/14/2017 1:20	20.13

Date/Time	Temp (°C)
6/14/2017 1:30	20.12
6/14/2017 1:40	20.11
6/14/2017 1:50	20.09
6/14/2017 2:00	20.07
6/14/2017 2:10	20.05
6/14/2017 2:20	20.02
6/14/2017 2:30	20.00
6/14/2017 2:40	19.96
6/14/2017 2:50	19.94
6/14/2017 3:00	19.91
6/14/2017 3:10	19.88
6/14/2017 3:20	19.86
6/14/2017 3:30	19.84
6/14/2017 3:40	19.82
6/14/2017 3:50	19.80
6/14/2017 4:00	19.76
6/14/2017 4:10	19.73
6/14/2017 4:20	19.69
6/14/2017 4:30	19.66
6/14/2017 4:40	19.64
6/14/2017 4:50	19.61
6/14/2017 5:00	19.59
6/14/2017 5:10	19.58
6/14/2017 5:20	19.55
6/14/2017 5:30	19.53
6/14/2017 5:40	19.50
6/14/2017 5:50	19.49
6/14/2017 6:00	19.47
6/14/2017 6:10	19.45
6/14/2017 6:20	19.44
6/14/2017 6:30	19.43
6/14/2017 6:40	19.43
6/14/2017 6:50	19.42
6/14/2017 7:00	19.42
6/14/2017 7:10	19.42
6/14/2017 7:20	19.43
6/14/2017 7:30	19.43
6/14/2017 7:40	19.44
6/14/2017 7:50	19.44
6/14/2017 8:00	19.46

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/14/2017 8:10	19.52
6/14/2017 8:20	19.56
6/14/2017 8:30	19.59
6/14/2017 8:40	19.63
6/14/2017 8:50	19.69
6/14/2017 9:00	19.75
6/14/2017 9:10	19.80
6/14/2017 9:20	19.83
6/14/2017 9:30	19.86
6/14/2017 9:40	19.90
6/14/2017 9:50	19.95
6/14/2017 10:00	20.04
6/14/2017 10:10	20.15
6/14/2017 10:20	20.24
6/14/2017 10:30	20.44
6/14/2017 10:40	20.50
6/14/2017 10:50	20.67
6/14/2017 11:00	20.78
6/14/2017 11:10	20.94
6/14/2017 11:20	21.06
6/14/2017 11:30	21.17
6/14/2017 11:40	21.27
6/14/2017 11:50	21.54
6/14/2017 12:00	21.64
6/14/2017 12:10	21.87
6/14/2017 12:20	21.98
6/14/2017 12:30	22.26
6/14/2017 12:40	22.69
6/14/2017 12:50	22.97
6/14/2017 13:00	22.98
6/14/2017 13:10	23.00
6/14/2017 13:20	23.14
6/14/2017 13:30	23.29
6/14/2017 13:40	23.36
6/14/2017 13:50	23.69
6/14/2017 14:00	23.80
6/14/2017 14:10	23.94
6/14/2017 14:20	24.06
6/14/2017 14:30	23.99
6/14/2017 14:40	24.10

Date/Time	Temp (°C)
6/14/2017 14:50	24.28
6/14/2017 15:00	24.28
6/14/2017 15:10	24.37
6/14/2017 15:20	24.62
6/14/2017 15:30	25.00
6/14/2017 15:40	25.22
6/14/2017 15:50	25.47
6/14/2017 16:00	25.44
6/14/2017 16:10	25.73
6/14/2017 16:20	25.82
6/14/2017 16:30	25.86
6/14/2017 16:40	25.54
6/14/2017 16:50	24.82
6/14/2017 17:00	23.11
6/14/2017 17:10	21.89
6/14/2017 17:20	21.47
6/14/2017 17:30	21.26
6/14/2017 17:40	21.15
6/14/2017 17:50	21.09
6/14/2017 18:00	21.13
6/14/2017 18:10	21.17
6/14/2017 18:20	21.02
6/14/2017 18:30	21.02
6/14/2017 18:40	21.00
6/14/2017 18:50	20.98
6/14/2017 19:00	21.00
6/14/2017 19:10	20.96
6/14/2017 19:20	20.88
6/14/2017 19:30	20.80
6/14/2017 19:40	20.73
6/14/2017 19:50	20.66
6/14/2017 20:00	20.62
6/14/2017 20:10	20.57
6/14/2017 20:20	20.51
6/14/2017 20:30	20.45
6/14/2017 20:40	20.38
6/14/2017 20:50	20.32
6/14/2017 21:00	20.24
6/14/2017 21:10	20.18
6/14/2017 21:20	20.12

Date/Time	Temp (°C)
6/14/2017 21:30	20.09
6/14/2017 21:40	20.10
6/14/2017 21:50	20.13
6/14/2017 22:00	20.18
6/14/2017 22:10	20.26
6/14/2017 22:20	20.34
6/14/2017 22:30	20.43
6/14/2017 22:40	20.51
6/14/2017 22:50	20.59
6/14/2017 23:00	20.66
6/14/2017 23:10	20.72
6/14/2017 23:20	20.78
6/14/2017 23:30	20.83
6/14/2017 23:40	20.86
6/14/2017 23:50	20.88
6/15/2017 0:00	20.89
6/15/2017 0:10	20.89
6/15/2017 0:20	20.89
6/15/2017 0:30	20.87
6/15/2017 0:40	20.86
6/15/2017 0:50	20.83
6/15/2017 1:00	20.81
6/15/2017 1:10	20.77
6/15/2017 1:20	20.74
6/15/2017 1:30	20.70
6/15/2017 1:40	20.67
6/15/2017 1:50	20.63
6/15/2017 2:00	20.59
6/15/2017 2:10	20.56
6/15/2017 2:20	20.52
6/15/2017 2:30	20.48
6/15/2017 2:40	20.44
6/15/2017 2:50	20.41
6/15/2017 3:00	20.36
6/15/2017 3:10	20.32
6/15/2017 3:20	20.29
6/15/2017 3:30	20.25
6/15/2017 3:40	20.22
6/15/2017 3:50	20.18
6/15/2017 4:00	20.14

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/15/2017 4:10	20.11
6/15/2017 4:20	20.07
6/15/2017 4:30	20.03
6/15/2017 4:40	20.00
6/15/2017 4:50	19.96
6/15/2017 5:00	19.93
6/15/2017 5:10	19.88
6/15/2017 5:20	19.84
6/15/2017 5:30	19.81
6/15/2017 5:40	19.76
6/15/2017 5:50	19.72
6/15/2017 6:00	19.68
6/15/2017 6:10	19.64
6/15/2017 6:20	19.61
6/15/2017 6:30	19.58
6/15/2017 6:40	19.56
6/15/2017 6:50	19.53
6/15/2017 7:00	19.49
6/15/2017 7:10	19.46
6/15/2017 7:20	19.46
6/15/2017 7:30	19.46
6/15/2017 7:40	19.46
6/15/2017 7:50	19.46
6/15/2017 8:00	19.46
6/15/2017 8:10	19.47
6/15/2017 8:20	19.48
6/15/2017 8:30	19.52
6/15/2017 8:40	19.57
6/15/2017 8:50	19.63
6/15/2017 9:00	19.67
6/15/2017 9:10	19.74
6/15/2017 9:20	19.77
6/15/2017 9:30	19.82
6/15/2017 9:40	19.86
6/15/2017 9:50	19.93
6/15/2017 10:00	20.02
6/15/2017 10:10	20.12
6/15/2017 10:20	20.25
6/15/2017 10:30	20.47
6/15/2017 10:40	20.60

Date/Time	Temp (°C)
6/15/2017 10:50	20.74
6/15/2017 11:00	20.88
6/15/2017 11:10	21.04
6/15/2017 11:20	21.29
6/15/2017 11:30	21.53
6/15/2017 11:40	21.86
6/15/2017 11:50	22.17
6/15/2017 12:00	22.46
6/15/2017 12:10	22.80
6/15/2017 12:20	23.08
6/15/2017 12:30	23.22
6/15/2017 12:40	23.52
6/15/2017 12:50	23.81
6/15/2017 13:00	23.87
6/15/2017 13:10	23.95
6/15/2017 13:20	24.21
6/15/2017 13:30	24.42
6/15/2017 13:40	24.67
6/15/2017 13:50	24.67
6/15/2017 14:00	24.66
6/15/2017 14:10	24.71
6/15/2017 14:20	24.72
6/15/2017 14:30	24.86
6/15/2017 14:40	25.13
6/15/2017 14:50	25.46
6/15/2017 15:00	25.51
6/15/2017 15:10	25.61
6/15/2017 15:20	25.75
6/15/2017 15:30	25.76
6/15/2017 15:40	25.80
6/15/2017 15:50	25.73
6/15/2017 16:00	25.82
6/15/2017 16:10	25.73
6/15/2017 16:20	25.68
6/15/2017 16:30	25.49
6/15/2017 16:40	25.53
6/15/2017 16:50	25.68
6/15/2017 17:00	25.47
6/15/2017 17:10	25.53
6/15/2017 17:20	25.61

Date/Time	Temp (°C)
6/15/2017 17:30	25.46
6/15/2017 17:40	25.40
6/15/2017 17:50	25.28
6/15/2017 18:00	25.15
6/15/2017 18:10	25.05
6/15/2017 18:20	24.97
6/15/2017 18:30	24.89
6/15/2017 18:40	24.79
6/15/2017 18:50	24.73
6/15/2017 19:00	24.63
6/15/2017 19:10	24.51
6/15/2017 19:20	24.39
6/15/2017 19:30	24.31
6/15/2017 19:40	24.24
6/15/2017 19:50	24.14
6/15/2017 20:00	24.02
6/15/2017 20:10	23.91
6/15/2017 20:20	23.81
6/15/2017 20:30	23.72
6/15/2017 20:40	23.63
6/15/2017 20:50	23.52
6/15/2017 21:00	23.43
6/15/2017 21:10	23.34
6/15/2017 21:20	23.24
6/15/2017 21:30	23.15
6/15/2017 21:40	23.06
6/15/2017 21:50	22.96
6/15/2017 22:00	22.88
6/15/2017 22:10	22.80
6/15/2017 22:20	22.73
6/15/2017 22:30	22.64
6/15/2017 22:40	22.56
6/15/2017 22:50	22.49
6/15/2017 23:00	22.43
6/15/2017 23:10	22.38
6/15/2017 23:20	22.32
6/15/2017 23:30	22.26
6/15/2017 23:40	22.20
6/15/2017 23:50	22.15
6/16/2017 0:00	22.10

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/16/2017 0:10	22.05
6/16/2017 0:20	21.99
6/16/2017 0:30	21.95
6/16/2017 0:40	21.90
6/16/2017 0:50	21.87
6/16/2017 1:00	21.83
6/16/2017 1:10	21.80
6/16/2017 1:20	21.76
6/16/2017 1:30	21.72
6/16/2017 1:40	21.69
6/16/2017 1:50	21.64
6/16/2017 2:00	21.62
6/16/2017 2:10	21.59
6/16/2017 2:20	21.57
6/16/2017 2:30	21.54
6/16/2017 2:40	21.51
6/16/2017 2:50	21.49
6/16/2017 3:00	21.47
6/16/2017 3:10	21.43
6/16/2017 3:20	21.40
6/16/2017 3:30	21.38
6/16/2017 3:40	21.35
6/16/2017 3:50	21.32
6/16/2017 4:00	21.29
6/16/2017 4:10	21.26
6/16/2017 4:20	21.23
6/16/2017 4:30	21.20
6/16/2017 4:40	21.17
6/16/2017 4:50	21.15
6/16/2017 5:00	21.14
6/16/2017 5:10	21.12
6/16/2017 5:20	21.12
6/16/2017 5:30	21.12
6/16/2017 5:40	21.13
6/16/2017 5:50	21.13
6/16/2017 6:00	21.14
6/16/2017 6:10	21.14
6/16/2017 6:20	21.15
6/16/2017 6:30	21.16
6/16/2017 6:40	21.16

Date/Time	Temp (°C)
6/16/2017 6:50	21.18
6/16/2017 7:00	21.19
6/16/2017 7:10	21.22
6/16/2017 7:20	21.26
6/16/2017 7:30	21.27
6/16/2017 7:40	21.29
6/16/2017 7:50	21.32
6/16/2017 8:00	21.34
6/16/2017 8:10	21.37
6/16/2017 8:20	21.40
6/16/2017 8:30	21.46
6/16/2017 8:40	21.47
6/16/2017 8:50	21.50
6/16/2017 9:00	21.53
6/16/2017 9:10	21.55
6/16/2017 9:20	21.57
6/16/2017 9:30	21.60
6/16/2017 9:40	21.61
6/16/2017 9:50	21.63
6/16/2017 10:00	21.64
6/16/2017 10:10	21.65
6/16/2017 10:20	21.68
6/16/2017 10:30	21.72
6/16/2017 10:40	21.77
6/16/2017 10:50	21.83
6/16/2017 11:00	21.90
6/16/2017 11:10	21.97
6/16/2017 11:20	22.01
6/16/2017 11:30	22.07
6/16/2017 11:40	22.18
6/16/2017 11:50	22.24
6/16/2017 12:00	22.29
6/16/2017 12:10	22.36
6/16/2017 12:20	22.40
6/16/2017 12:30	22.38
6/16/2017 12:40	22.43
6/16/2017 12:50	22.40
6/16/2017 13:00	22.29
6/16/2017 13:10	20.89
6/16/2017 13:20	19.35

Date/Time	Temp (°C)
6/16/2017 13:30	19.10
6/16/2017 13:40	18.95
6/16/2017 13:50	18.85
6/16/2017 14:00	18.84
6/16/2017 14:10	18.73
6/16/2017 14:20	18.63
6/16/2017 14:30	18.76
6/16/2017 14:40	18.76
6/16/2017 14:50	18.78
6/16/2017 15:00	18.69
6/16/2017 15:10	18.71
6/16/2017 15:20	18.78
6/16/2017 15:30	18.87
6/16/2017 15:40	18.88
6/16/2017 15:50	18.94
6/16/2017 16:00	19.00
6/16/2017 16:10	19.07
6/16/2017 16:20	19.17
6/16/2017 16:30	19.23
6/16/2017 16:40	19.29
6/16/2017 16:50	19.37
6/16/2017 17:00	19.43
6/16/2017 17:10	19.46
6/16/2017 17:20	19.51
6/16/2017 17:30	19.54
6/16/2017 17:40	19.56
6/16/2017 17:50	19.57
6/16/2017 18:00	19.70
6/16/2017 18:10	19.93
6/16/2017 18:20	20.20
6/16/2017 18:30	20.49
6/16/2017 18:40	20.73
6/16/2017 18:50	20.86
6/16/2017 19:00	20.89
6/16/2017 19:10	20.93
6/16/2017 19:20	20.97
6/16/2017 19:30	20.97
6/16/2017 19:40	21.03
6/16/2017 19:50	21.05
6/16/2017 20:00	20.93

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/16/2017 20:10	20.94
6/16/2017 20:20	20.92
6/16/2017 20:30	20.77
6/16/2017 20:40	20.79
6/16/2017 20:50	20.78
6/16/2017 21:00	20.74
6/16/2017 21:10	20.68
6/16/2017 21:20	20.65
6/16/2017 21:30	20.65
6/16/2017 21:40	20.65
6/16/2017 21:50	20.64
6/16/2017 22:00	20.66
6/16/2017 22:10	20.64
6/16/2017 22:20	20.62
6/16/2017 22:30	20.61
6/16/2017 22:40	20.56
6/16/2017 22:50	20.52
6/16/2017 23:00	20.46
6/16/2017 23:10	20.43
6/16/2017 23:20	20.38
6/16/2017 23:30	20.35
6/16/2017 23:40	20.31
6/16/2017 23:50	20.27
6/17/2017 0:00	20.24
6/17/2017 0:10	20.20
6/17/2017 0:20	20.18
6/17/2017 0:30	20.16
6/17/2017 0:40	20.13
6/17/2017 0:50	20.10
6/17/2017 1:00	20.07
6/17/2017 1:10	20.04
6/17/2017 1:20	19.98
6/17/2017 1:30	19.92
6/17/2017 1:40	19.87
6/17/2017 1:50	19.82
6/17/2017 2:00	19.76
6/17/2017 2:10	19.72
6/17/2017 2:20	19.67
6/17/2017 2:30	19.61
6/17/2017 2:40	19.54

Date/Time	Temp (°C)
6/17/2017 2:50	19.48
6/17/2017 3:00	19.42
6/17/2017 3:10	19.36
6/17/2017 3:20	19.32
6/17/2017 3:30	19.27
6/17/2017 3:40	19.23
6/17/2017 3:50	19.18
6/17/2017 4:00	19.14
6/17/2017 4:10	19.11
6/17/2017 4:20	19.07
6/17/2017 4:30	19.05
6/17/2017 4:40	19.01
6/17/2017 4:50	18.99
6/17/2017 5:00	18.97
6/17/2017 5:10	18.94
6/17/2017 5:20	18.92
6/17/2017 5:30	18.88
6/17/2017 5:40	18.86
6/17/2017 5:50	18.83
6/17/2017 6:00	18.81
6/17/2017 6:10	18.79
6/17/2017 6:20	18.78
6/17/2017 6:30	18.77
6/17/2017 6:40	18.77
6/17/2017 6:50	18.77
6/17/2017 7:00	18.76
6/17/2017 7:10	18.76
6/17/2017 7:20	18.76
6/17/2017 7:30	18.77
6/17/2017 7:40	18.76
6/17/2017 7:50	18.76
6/17/2017 8:00	18.76
6/17/2017 8:10	18.75
6/17/2017 8:20	18.77
6/17/2017 8:30	18.80
6/17/2017 8:40	18.83
6/17/2017 8:50	18.86
6/17/2017 9:00	18.93
6/17/2017 9:10	18.99
6/17/2017 9:20	19.06

Date/Time	Temp (°C)
6/17/2017 9:30	19.14
6/17/2017 9:40	19.22
6/17/2017 9:50	19.30
6/17/2017 10:00	19.36
6/17/2017 10:10	19.45
6/17/2017 10:20	19.52
6/17/2017 10:30	19.60
6/17/2017 10:40	19.70
6/17/2017 10:50	19.81
6/17/2017 11:00	19.87
6/17/2017 11:10	19.90
6/17/2017 11:20	19.95
6/17/2017 11:30	20.21
6/17/2017 11:40	20.45
6/17/2017 11:50	20.63
6/17/2017 12:00	20.86
6/17/2017 12:10	21.03
6/17/2017 12:20	21.12
6/17/2017 12:30	21.08
6/17/2017 12:40	21.01
6/17/2017 12:50	20.98
6/17/2017 13:00	20.51
6/17/2017 13:10	18.75
6/17/2017 13:20	18.55
6/17/2017 13:30	18.52
6/17/2017 13:40	18.41
6/17/2017 13:50	18.30
6/17/2017 14:00	18.42
6/17/2017 14:10	18.48
6/17/2017 14:20	18.55
6/17/2017 14:30	18.46
6/17/2017 14:40	18.53
6/17/2017 14:50	18.61
6/17/2017 15:00	18.51
6/17/2017 15:10	18.49
6/17/2017 15:20	18.53
6/17/2017 15:30	18.48
6/17/2017 15:40	18.53
6/17/2017 15:50	18.59
6/17/2017 16:00	18.62

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/17/2017 16:10	18.66
6/17/2017 16:20	18.72
6/17/2017 16:30	18.77
6/17/2017 16:40	18.78
6/17/2017 16:50	18.81
6/17/2017 17:00	19.01
6/17/2017 17:10	19.11
6/17/2017 17:20	19.26
6/17/2017 17:30	19.56
6/17/2017 17:40	19.97
6/17/2017 17:50	20.36
6/17/2017 18:00	20.66
6/17/2017 18:10	20.94
6/17/2017 18:20	21.11
6/17/2017 18:30	21.34
6/17/2017 18:40	21.51
6/17/2017 18:50	21.63
6/17/2017 19:00	21.65
6/17/2017 19:10	21.75
6/17/2017 19:20	21.77
6/17/2017 19:30	21.75
6/17/2017 19:40	21.74
6/17/2017 19:50	21.73
6/17/2017 20:00	21.70
6/17/2017 20:10	21.69
6/17/2017 20:20	21.67
6/17/2017 20:30	21.65
6/17/2017 20:40	21.62
6/17/2017 20:50	21.60
6/17/2017 21:00	21.58
6/17/2017 21:10	21.55
6/17/2017 21:20	21.52
6/17/2017 21:30	21.48
6/17/2017 21:40	21.44
6/17/2017 21:50	21.40
6/17/2017 22:00	21.35
6/17/2017 22:10	21.31
6/17/2017 22:20	21.26
6/17/2017 22:30	21.21
6/17/2017 22:40	21.16

Date/Time	Temp (°C)
6/17/2017 22:50	21.11
6/17/2017 23:00	21.06
6/17/2017 23:10	21.02
6/17/2017 23:20	20.97
6/17/2017 23:30	20.93
6/17/2017 23:40	20.89
6/17/2017 23:50	20.85
6/18/2017 0:00	20.82
6/18/2017 0:10	20.78
6/18/2017 0:20	20.75
6/18/2017 0:30	20.71
6/18/2017 0:40	20.69
6/18/2017 0:50	20.66
6/18/2017 1:00	20.63
6/18/2017 1:10	20.59
6/18/2017 1:20	20.56
6/18/2017 1:30	20.53
6/18/2017 1:40	20.49
6/18/2017 1:50	20.46
6/18/2017 2:00	20.42
6/18/2017 2:10	20.40
6/18/2017 2:20	20.35
6/18/2017 2:30	20.32
6/18/2017 2:40	20.28
6/18/2017 2:50	20.25
6/18/2017 3:00	20.23
6/18/2017 3:10	20.20
6/18/2017 3:20	20.18
6/18/2017 3:30	20.14
6/18/2017 3:40	20.09
6/18/2017 3:50	20.05
6/18/2017 4:00	20.01
6/18/2017 4:10	19.98
6/18/2017 4:20	19.94
6/18/2017 4:30	19.89
6/18/2017 4:40	19.85
6/18/2017 4:50	19.82
6/18/2017 5:00	19.77
6/18/2017 5:10	19.73
6/18/2017 5:20	19.69

Date/Time	Temp (°C)
6/18/2017 5:30	19.65
6/18/2017 5:40	19.61
6/18/2017 5:50	19.56
6/18/2017 6:00	19.51
6/18/2017 6:10	19.47
6/18/2017 6:20	19.44
6/18/2017 6:30	19.42
6/18/2017 6:40	19.40
6/18/2017 6:50	19.39
6/18/2017 7:00	19.36
6/18/2017 7:10	19.36
6/18/2017 7:20	19.35
6/18/2017 7:30	19.34
6/18/2017 7:40	19.35
6/18/2017 7:50	19.38
6/18/2017 8:00	19.42
6/18/2017 8:10	19.42
6/18/2017 8:20	19.45
6/18/2017 8:30	19.46
6/18/2017 8:40	19.51
6/18/2017 8:50	19.56
6/18/2017 9:00	19.62
6/18/2017 9:10	19.71
6/18/2017 9:20	19.81
6/18/2017 9:30	19.90
6/18/2017 9:40	20.03
6/18/2017 9:50	20.09
6/18/2017 10:00	20.20
6/18/2017 10:10	20.28
6/18/2017 10:20	20.39
6/18/2017 10:30	20.50
6/18/2017 10:40	20.61
6/18/2017 10:50	20.82
6/18/2017 11:00	21.03
6/18/2017 11:10	21.21
6/18/2017 11:20	21.35
6/18/2017 11:30	21.45
6/18/2017 11:40	21.52
6/18/2017 11:50	21.54
6/18/2017 12:00	21.66

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/18/2017 12:10	21.85
6/18/2017 12:20	22.13
6/18/2017 12:30	22.35
6/18/2017 12:40	22.51
6/18/2017 12:50	22.74
6/18/2017 13:00	22.90
6/18/2017 13:10	23.15
6/18/2017 13:20	23.35
6/18/2017 13:30	23.57
6/18/2017 13:40	23.79
6/18/2017 13:50	24.05
6/18/2017 14:00	24.25
6/18/2017 14:10	24.45
6/18/2017 14:20	24.64
6/18/2017 14:30	24.25
6/18/2017 14:40	23.72
6/18/2017 14:50	21.61
6/18/2017 15:00	20.55
6/18/2017 15:10	20.21
6/18/2017 15:20	19.98
6/18/2017 15:30	19.82
6/18/2017 15:40	19.70
6/18/2017 15:50	19.65
6/18/2017 16:00	19.67
6/18/2017 16:10	19.72
6/18/2017 16:20	19.80
6/18/2017 16:30	19.88
6/18/2017 16:40	20.09
6/18/2017 16:50	20.37
6/18/2017 17:00	20.45
6/18/2017 17:10	20.64
6/18/2017 17:20	20.71
6/18/2017 17:30	20.99
6/18/2017 17:40	21.11
6/18/2017 17:50	21.18
6/18/2017 18:00	21.18
6/18/2017 18:10	21.29
6/18/2017 18:20	21.39
6/18/2017 18:30	21.47
6/18/2017 18:40	21.49

Date/Time	Temp (°C)
6/18/2017 18:50	21.52
6/18/2017 19:00	21.54
6/18/2017 19:10	21.63
6/18/2017 19:20	21.79
6/18/2017 19:30	21.94
6/18/2017 19:40	22.10
6/18/2017 19:50	22.24
6/18/2017 20:00	22.37
6/18/2017 20:10	22.46
6/18/2017 20:20	22.51
6/18/2017 20:30	22.53
6/18/2017 20:40	22.54
6/18/2017 20:50	22.53
6/18/2017 21:00	22.53
6/18/2017 21:10	22.52
6/18/2017 21:20	22.51
6/18/2017 21:30	22.50
6/18/2017 21:40	22.47
6/18/2017 21:50	22.44
6/18/2017 22:00	22.40
6/18/2017 22:10	22.36
6/18/2017 22:20	22.32
6/18/2017 22:30	22.27
6/18/2017 22:40	22.22
6/18/2017 22:50	22.17
6/18/2017 23:00	22.12
6/18/2017 23:10	22.08
6/18/2017 23:20	22.02
6/18/2017 23:30	21.97
6/18/2017 23:40	21.92
6/18/2017 23:50	21.88
6/19/2017 0:00	21.81
6/19/2017 0:10	21.76
6/19/2017 0:20	21.70
6/19/2017 0:30	21.64
6/19/2017 0:40	21.60
6/19/2017 0:50	21.56
6/19/2017 1:00	21.52
6/19/2017 1:10	21.48
6/19/2017 1:20	21.43

Date/Time	Temp (°C)
6/19/2017 1:30	21.39
6/19/2017 1:40	21.36
6/19/2017 1:50	21.32
6/19/2017 2:00	21.28
6/19/2017 2:10	21.25
6/19/2017 2:20	21.22
6/19/2017 2:30	21.19
6/19/2017 2:40	21.16
6/19/2017 2:50	21.12
6/19/2017 3:00	21.09
6/19/2017 3:10	21.07
6/19/2017 3:20	21.02
6/19/2017 3:30	21.00
6/19/2017 3:40	20.95
6/19/2017 3:50	20.93
6/19/2017 4:00	20.91
6/19/2017 4:10	20.89
6/19/2017 4:20	20.86
6/19/2017 4:30	20.84
6/19/2017 4:40	20.82
6/19/2017 4:50	20.80
6/19/2017 5:00	20.78
6/19/2017 5:10	20.75
6/19/2017 5:20	20.72
6/19/2017 5:30	20.68
6/19/2017 5:40	20.66
6/19/2017 5:50	20.62
6/19/2017 6:00	20.60
6/19/2017 6:10	20.58
6/19/2017 6:20	20.55
6/19/2017 6:30	20.54
6/19/2017 6:40	20.53
6/19/2017 6:50	20.52
6/19/2017 7:00	20.51
6/19/2017 7:10	20.52
6/19/2017 7:20	20.52
6/19/2017 7:30	20.51
6/19/2017 7:40	20.50
6/19/2017 7:50	20.51
6/19/2017 8:00	20.51

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/19/2017 8:10	20.54
6/19/2017 8:20	20.55
6/19/2017 8:30	20.57
6/19/2017 8:40	20.57
6/19/2017 8:50	20.60
6/19/2017 9:00	20.61
6/19/2017 9:10	20.60
6/19/2017 9:20	20.58
6/19/2017 9:30	20.57
6/19/2017 9:40	20.57
6/19/2017 9:50	20.58
6/19/2017 10:00	20.58
6/19/2017 10:10	20.56
6/19/2017 10:20	20.55
6/19/2017 10:30	20.54
6/19/2017 10:40	20.53
6/19/2017 10:50	20.51
6/19/2017 11:00	20.49
6/19/2017 11:10	20.49
6/19/2017 11:20	20.51
6/19/2017 11:30	20.52
6/19/2017 11:40	20.52
6/19/2017 11:50	20.51
6/19/2017 12:00	20.49
6/19/2017 12:10	20.48
6/19/2017 12:20	20.48
6/19/2017 12:30	20.47
6/19/2017 12:40	20.56
6/19/2017 12:50	20.59
6/19/2017 13:00	20.55
6/19/2017 13:10	19.55
6/19/2017 13:20	17.98
6/19/2017 13:30	17.75
6/19/2017 13:40	17.61
6/19/2017 13:50	17.56
6/19/2017 14:00	17.59
6/19/2017 14:10	17.59
6/19/2017 14:20	17.67
6/19/2017 14:30	17.74
6/19/2017 14:40	17.81

Date/Time	Temp (°C)
6/19/2017 14:50	17.85
6/19/2017 15:00	17.91
6/19/2017 15:10	18.01
6/19/2017 15:20	18.11
6/19/2017 15:30	18.25
6/19/2017 15:40	18.27
6/19/2017 15:50	18.42
6/19/2017 16:00	18.45
6/19/2017 16:10	18.67
6/19/2017 16:20	18.88
6/19/2017 16:30	19.17
6/19/2017 16:40	19.40
6/19/2017 16:50	19.50
6/19/2017 17:00	19.71
6/19/2017 17:10	19.77
6/19/2017 17:20	19.90
6/19/2017 17:30	19.95
6/19/2017 17:40	20.22
6/19/2017 17:50	20.62
6/19/2017 18:00	20.94
6/19/2017 18:10	21.32
6/19/2017 18:20	21.54
6/19/2017 18:30	21.69
6/19/2017 18:40	21.83
6/19/2017 18:50	21.88
6/19/2017 19:00	21.95
6/19/2017 19:10	21.96
6/19/2017 19:20	21.91
6/19/2017 19:30	21.80
6/19/2017 19:40	21.69
6/19/2017 19:50	21.60
6/19/2017 20:00	21.50
6/19/2017 20:10	21.42
6/19/2017 20:20	21.36
6/19/2017 20:30	21.29
6/19/2017 20:40	21.22
6/19/2017 20:50	21.15
6/19/2017 21:00	21.08
6/19/2017 21:10	21.01
6/19/2017 21:20	20.93

Date/Time	Temp (°C)
6/19/2017 21:30	20.86
6/19/2017 21:40	20.79
6/19/2017 21:50	20.70
6/19/2017 22:00	20.63
6/19/2017 22:10	20.56
6/19/2017 22:20	20.51
6/19/2017 22:30	20.44
6/19/2017 22:40	20.39
6/19/2017 22:50	20.34
6/19/2017 23:00	20.29
6/19/2017 23:10	20.25
6/19/2017 23:20	20.21
6/19/2017 23:30	20.17
6/19/2017 23:40	20.13
6/19/2017 23:50	20.08
6/20/2017 0:00	20.04
6/20/2017 0:10	20.01
6/20/2017 0:20	19.98
6/20/2017 0:30	19.94
6/20/2017 0:40	19.90
6/20/2017 0:50	19.86
6/20/2017 1:00	19.83
6/20/2017 1:10	19.79
6/20/2017 1:20	19.76
6/20/2017 1:30	19.72
6/20/2017 1:40	19.69
6/20/2017 1:50	19.65
6/20/2017 2:00	19.62
6/20/2017 2:10	19.58
6/20/2017 2:20	19.53
6/20/2017 2:30	19.50
6/20/2017 2:40	19.45
6/20/2017 2:50	19.41
6/20/2017 3:00	19.38
6/20/2017 3:10	19.33
6/20/2017 3:20	19.31
6/20/2017 3:30	19.27
6/20/2017 3:40	19.24
6/20/2017 3:50	19.21
6/20/2017 4:00	19.17

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/20/2017 4:10	19.14
6/20/2017 4:20	19.10
6/20/2017 4:30	19.08
6/20/2017 4:40	19.05
6/20/2017 4:50	19.03
6/20/2017 5:00	19.00
6/20/2017 5:10	18.96
6/20/2017 5:20	18.94
6/20/2017 5:30	18.91
6/20/2017 5:40	18.88
6/20/2017 5:50	18.85
6/20/2017 6:00	18.84
6/20/2017 6:10	18.81
6/20/2017 6:20	18.80
6/20/2017 6:30	18.78
6/20/2017 6:40	18.76
6/20/2017 6:50	18.73
6/20/2017 7:00	18.72
6/20/2017 7:10	18.71
6/20/2017 7:20	18.70
6/20/2017 7:30	18.68
6/20/2017 7:40	18.66
6/20/2017 7:50	18.65
6/20/2017 8:00	18.64
6/20/2017 8:10	18.64
6/20/2017 8:20	18.62
6/20/2017 8:30	18.63
6/20/2017 8:40	18.63
6/20/2017 8:50	18.64
6/20/2017 9:00	18.68
6/20/2017 9:10	18.72
6/20/2017 9:20	18.77
6/20/2017 9:30	18.81
6/20/2017 9:40	18.79
6/20/2017 9:50	18.81
6/20/2017 10:00	18.85
6/20/2017 10:10	18.94
6/20/2017 10:20	19.05
6/20/2017 10:30	19.19
6/20/2017 10:40	19.32

Date/Time	Temp (°C)
6/20/2017 10:50	19.44
6/20/2017 11:00	19.54
6/20/2017 11:10	19.66
6/20/2017 11:20	19.75
6/20/2017 11:30	19.88
6/20/2017 11:40	19.98
6/20/2017 11:50	20.08
6/20/2017 12:00	20.15
6/20/2017 12:10	20.32
6/20/2017 12:20	20.42
6/20/2017 12:30	20.52
6/20/2017 12:40	20.72
6/20/2017 12:50	20.90
6/20/2017 13:00	21.12
6/20/2017 13:10	21.23
6/20/2017 13:20	21.40
6/20/2017 13:30	21.53
6/20/2017 13:40	21.69
6/20/2017 13:50	21.73
6/20/2017 14:00	21.92
6/20/2017 14:10	22.05
6/20/2017 14:20	22.01
6/20/2017 14:30	22.19
6/20/2017 14:40	22.30
6/20/2017 14:50	22.35
6/20/2017 15:00	22.51
6/20/2017 15:10	22.53
6/20/2017 15:20	22.64
6/20/2017 15:30	22.82
6/20/2017 15:40	22.82
6/20/2017 15:50	22.85
6/20/2017 16:00	22.87
6/20/2017 16:10	22.95
6/20/2017 16:20	23.05
6/20/2017 16:30	22.88
6/20/2017 16:40	23.01
6/20/2017 16:50	22.96
6/20/2017 17:00	22.99
6/20/2017 17:10	22.98
6/20/2017 17:20	22.99

Date/Time	Temp (°C)
6/20/2017 17:30	22.95
6/20/2017 17:40	22.82
6/20/2017 17:50	22.88
6/20/2017 18:00	22.78
6/20/2017 18:10	22.69
6/20/2017 18:20	22.64
6/20/2017 18:30	22.63
6/20/2017 18:40	22.60
6/20/2017 18:50	22.53
6/20/2017 19:00	22.47
6/20/2017 19:10	22.31
6/20/2017 19:20	22.15
6/20/2017 19:30	21.95
6/20/2017 19:40	21.77
6/20/2017 19:50	21.61
6/20/2017 20:00	21.48
6/20/2017 20:10	21.36
6/20/2017 20:20	21.23
6/20/2017 20:30	21.09
6/20/2017 20:40	20.96
6/20/2017 20:50	20.75
6/20/2017 21:00	20.26
6/20/2017 21:10	19.59
6/20/2017 21:20	19.01
6/20/2017 21:30	18.76
6/20/2017 21:40	18.80
6/20/2017 21:50	18.91
6/20/2017 22:00	19.01
6/20/2017 22:10	19.07
6/20/2017 22:20	19.10
6/20/2017 22:30	19.13
6/20/2017 22:40	19.13
6/20/2017 22:50	19.14
6/20/2017 23:00	19.13
6/20/2017 23:10	19.11
6/20/2017 23:20	19.09
6/20/2017 23:30	19.06
6/20/2017 23:40	19.03
6/20/2017 23:50	19.00
6/21/2017 0:00	18.97

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/21/2017 0:10	18.95
6/21/2017 0:20	18.91
6/21/2017 0:30	18.88
6/21/2017 0:40	18.84
6/21/2017 0:50	18.81
6/21/2017 1:00	18.77
6/21/2017 1:10	18.74
6/21/2017 1:20	18.71
6/21/2017 1:30	18.68
6/21/2017 1:40	18.66
6/21/2017 1:50	18.63
6/21/2017 2:00	18.59
6/21/2017 2:10	18.56
6/21/2017 2:20	18.54
6/21/2017 2:30	18.51
6/21/2017 2:40	18.47
6/21/2017 2:50	18.44
6/21/2017 3:00	18.41
6/21/2017 3:10	18.37
6/21/2017 3:20	18.34
6/21/2017 3:30	18.30
6/21/2017 3:40	18.27
6/21/2017 3:50	18.23
6/21/2017 4:00	18.19
6/21/2017 4:10	18.15
6/21/2017 4:20	18.12
6/21/2017 4:30	18.07
6/21/2017 4:40	18.04
6/21/2017 4:50	18.01
6/21/2017 5:00	17.97
6/21/2017 5:10	17.94
6/21/2017 5:20	17.90
6/21/2017 5:30	17.86
6/21/2017 5:40	17.82
6/21/2017 5:50	17.79
6/21/2017 6:00	17.76
6/21/2017 6:10	17.73
6/21/2017 6:20	17.70
6/21/2017 6:30	17.68
6/21/2017 6:40	17.66

Date/Time	Temp (°C)
6/21/2017 6:50	17.65
6/21/2017 7:00	17.62
6/21/2017 7:10	17.61
6/21/2017 7:20	17.60
6/21/2017 7:30	17.59
6/21/2017 7:40	17.57
6/21/2017 7:50	17.55
6/21/2017 8:00	17.54
6/21/2017 8:10	17.53
6/21/2017 8:20	17.52
6/21/2017 8:30	17.54
6/21/2017 8:40	17.54
6/21/2017 8:50	17.53
6/21/2017 9:00	17.52
6/21/2017 9:10	17.55
6/21/2017 9:20	17.56
6/21/2017 9:30	17.57
6/21/2017 9:40	17.59
6/21/2017 9:50	17.64
6/21/2017 10:00	17.69
6/21/2017 10:10	17.72
6/21/2017 10:20	17.83
6/21/2017 10:30	18.00
6/21/2017 10:40	18.17
6/21/2017 10:50	18.34
6/21/2017 11:00	18.52
6/21/2017 11:10	18.73
6/21/2017 11:20	18.94
6/21/2017 11:30	19.11
6/21/2017 11:40	19.29
6/21/2017 11:50	19.43
6/21/2017 12:00	19.48
6/21/2017 12:10	19.52
6/21/2017 12:20	19.65
6/21/2017 12:30	19.77
6/21/2017 12:40	19.94
6/21/2017 12:50	19.97
6/21/2017 13:00	20.09
6/21/2017 13:10	20.28
6/21/2017 13:20	20.43

Date/Time	Temp (°C)
6/21/2017 13:30	20.58
6/21/2017 13:40	20.64
6/21/2017 13:50	20.71
6/21/2017 14:00	20.86
6/21/2017 14:10	21.19
6/21/2017 14:20	21.18
6/21/2017 14:30	21.34
6/21/2017 14:40	21.48
6/21/2017 14:50	21.90
6/21/2017 15:00	22.06
6/21/2017 15:10	22.05
6/21/2017 15:20	22.24
6/21/2017 15:30	22.37
6/21/2017 15:40	22.53
6/21/2017 15:50	22.35
6/21/2017 16:00	22.30
6/21/2017 16:10	22.30
6/21/2017 16:20	22.37
6/21/2017 16:30	22.34
6/21/2017 16:40	22.32
6/21/2017 16:50	22.25
6/21/2017 17:00	22.29
6/21/2017 17:10	22.49
6/21/2017 17:20	22.54
6/21/2017 17:30	22.56
6/21/2017 17:40	22.61
6/21/2017 17:50	22.45
6/21/2017 18:00	22.46
6/21/2017 18:10	22.48
6/21/2017 18:20	22.44
6/21/2017 18:30	22.37
6/21/2017 18:40	22.29
6/21/2017 18:50	22.21
6/21/2017 19:00	22.11
6/21/2017 19:10	21.97
6/21/2017 19:20	21.85
6/21/2017 19:30	21.75
6/21/2017 19:40	21.64
6/21/2017 19:50	21.53
6/21/2017 20:00	21.42

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/21/2017 20:10	21.32
6/21/2017 20:20	21.21
6/21/2017 20:30	21.11
6/21/2017 20:40	21.01
6/21/2017 20:50	20.94
6/21/2017 21:00	20.87
6/21/2017 21:10	20.80
6/21/2017 21:20	20.72
6/21/2017 21:30	20.65
6/21/2017 21:40	20.58
6/21/2017 21:50	20.51
6/21/2017 22:00	20.43
6/21/2017 22:10	20.36
6/21/2017 22:20	20.28
6/21/2017 22:30	20.21
6/21/2017 22:40	20.14
6/21/2017 22:50	20.08
6/21/2017 23:00	20.02
6/21/2017 23:10	19.95
6/21/2017 23:20	19.88
6/21/2017 23:30	19.83
6/21/2017 23:40	19.78
6/21/2017 23:50	19.73
6/22/2017 0:00	19.69
6/22/2017 0:10	19.63
6/22/2017 0:20	19.58
6/22/2017 0:30	19.53
6/22/2017 0:40	19.47
6/22/2017 0:50	19.43
6/22/2017 1:00	19.39
6/22/2017 1:10	19.35
6/22/2017 1:20	19.30
6/22/2017 1:30	19.26
6/22/2017 1:40	19.23
6/22/2017 1:50	19.19
6/22/2017 2:00	19.16
6/22/2017 2:10	19.13
6/22/2017 2:20	19.10
6/22/2017 2:30	19.07
6/22/2017 2:40	19.03

Date/Time	Temp (°C)
6/22/2017 2:50	19.00
6/22/2017 3:00	18.96
6/22/2017 3:10	18.94
6/22/2017 3:20	18.91
6/22/2017 3:30	18.87
6/22/2017 3:40	18.85
6/22/2017 3:50	18.82
6/22/2017 4:00	18.79
6/22/2017 4:10	18.77
6/22/2017 4:20	18.75
6/22/2017 4:30	18.72
6/22/2017 4:40	18.71
6/22/2017 4:50	18.69
6/22/2017 5:00	18.67
6/22/2017 5:10	18.65
6/22/2017 5:20	18.62
6/22/2017 5:30	18.60
6/22/2017 5:40	18.59
6/22/2017 5:50	18.58
6/22/2017 6:00	18.57
6/22/2017 6:10	18.56
6/22/2017 6:20	18.55
6/22/2017 6:30	18.54
6/22/2017 6:40	18.53
6/22/2017 6:50	18.53
6/22/2017 7:00	18.52
6/22/2017 7:10	18.51
6/22/2017 7:20	18.51
6/22/2017 7:30	18.51
6/22/2017 7:40	18.50
6/22/2017 7:50	18.49
6/22/2017 8:00	18.47
6/22/2017 8:10	18.48
6/22/2017 8:20	18.49
6/22/2017 8:30	18.49
6/22/2017 8:40	18.49
6/22/2017 8:50	18.51
6/22/2017 9:00	18.51
6/22/2017 9:10	18.52
6/22/2017 9:20	18.57

Date/Time	Temp (°C)
6/22/2017 9:30	18.62
6/22/2017 9:40	18.66
6/22/2017 9:50	18.73
6/22/2017 10:00	18.77
6/22/2017 10:10	18.88
6/22/2017 10:20	18.98
6/22/2017 10:30	19.06
6/22/2017 10:40	19.08
6/22/2017 10:50	19.14
6/22/2017 11:00	19.26
6/22/2017 11:10	19.36
6/22/2017 11:20	19.47
6/22/2017 11:30	19.60
6/22/2017 11:40	19.73
6/22/2017 11:50	19.90
6/22/2017 12:00	20.08
6/22/2017 12:10	20.27
6/22/2017 12:20	20.46
6/22/2017 12:30	20.66
6/22/2017 12:40	20.81
6/22/2017 12:50	21.05
6/22/2017 13:00	21.19
6/22/2017 13:10	21.39
6/22/2017 13:20	21.56
6/22/2017 13:30	21.69
6/22/2017 13:40	21.75
6/22/2017 13:50	21.95
6/22/2017 14:00	22.20
6/22/2017 14:10	22.37
6/22/2017 14:20	22.50
6/22/2017 14:30	22.59
6/22/2017 14:40	22.67
6/22/2017 14:50	22.79
6/22/2017 15:00	22.88
6/22/2017 15:10	22.94
6/22/2017 15:20	22.92
6/22/2017 15:30	22.96
6/22/2017 15:40	22.92
6/22/2017 15:50	22.96
6/22/2017 16:00	22.88

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/22/2017 16:10	22.54
6/22/2017 16:20	22.11
6/22/2017 16:30	21.23
6/22/2017 16:40	19.48
6/22/2017 16:50	18.65
6/22/2017 17:00	18.31
6/22/2017 17:10	18.09
6/22/2017 17:20	17.93
6/22/2017 17:30	17.86
6/22/2017 17:40	17.71
6/22/2017 17:50	17.55
6/22/2017 18:00	17.53
6/22/2017 18:10	17.56
6/22/2017 18:20	17.60
6/22/2017 18:30	17.62
6/22/2017 18:40	17.59
6/22/2017 18:50	17.46
6/22/2017 19:00	17.25
6/22/2017 19:10	17.17
6/22/2017 19:20	17.28
6/22/2017 19:30	17.31
6/22/2017 19:40	17.21
6/22/2017 19:50	17.07
6/22/2017 20:00	16.88
6/22/2017 20:10	16.70
6/22/2017 20:20	16.61
6/22/2017 20:30	16.61
6/22/2017 20:40	16.67
6/22/2017 20:50	16.78
6/22/2017 21:00	16.89
6/22/2017 21:10	16.86
6/22/2017 21:20	16.75
6/22/2017 21:30	16.62
6/22/2017 21:40	16.51
6/22/2017 21:50	16.39
6/22/2017 22:00	16.30
6/22/2017 22:10	16.18
6/22/2017 22:20	16.15
6/22/2017 22:30	16.22
6/22/2017 22:40	16.30

Date/Time	Temp (°C)
6/22/2017 22:50	16.31
6/22/2017 23:00	16.27
6/22/2017 23:10	16.24
6/22/2017 23:20	16.24
6/22/2017 23:30	16.27
6/22/2017 23:40	16.28
6/22/2017 23:50	16.31
6/23/2017 0:00	16.35
6/23/2017 0:10	16.39
6/23/2017 0:20	16.41
6/23/2017 0:30	16.43
6/23/2017 0:40	16.44
6/23/2017 0:50	16.43
6/23/2017 1:00	16.42
6/23/2017 1:10	16.43
6/23/2017 1:20	16.51
6/23/2017 1:30	16.69
6/23/2017 1:40	16.91
6/23/2017 1:50	17.14
6/23/2017 2:00	17.35
6/23/2017 2:10	17.55
6/23/2017 2:20	17.75
6/23/2017 2:30	17.91
6/23/2017 2:40	18.04
6/23/2017 2:50	18.16
6/23/2017 3:00	18.27
6/23/2017 3:10	18.36
6/23/2017 3:20	18.43
6/23/2017 3:30	18.50
6/23/2017 3:40	18.56
6/23/2017 3:50	18.60
6/23/2017 4:00	18.65
6/23/2017 4:10	18.69
6/23/2017 4:20	18.73
6/23/2017 4:30	18.77
6/23/2017 4:40	18.78
6/23/2017 4:50	18.80
6/23/2017 5:00	18.80
6/23/2017 5:10	18.80
6/23/2017 5:20	18.81

Date/Time	Temp (°C)
6/23/2017 5:30	18.82
6/23/2017 5:40	18.82
6/23/2017 5:50	18.82
6/23/2017 6:00	18.80
6/23/2017 6:10	18.77
6/23/2017 6:20	18.77
6/23/2017 6:30	18.78
6/23/2017 6:40	18.78
6/23/2017 6:50	18.77
6/23/2017 7:00	18.74
6/23/2017 7:10	18.73
6/23/2017 7:20	18.70
6/23/2017 7:30	18.69
6/23/2017 7:40	18.68
6/23/2017 7:50	18.68
6/23/2017 8:00	18.67
6/23/2017 8:10	18.65
6/23/2017 8:20	18.62
6/23/2017 8:30	18.62
6/23/2017 8:40	18.64
6/23/2017 8:50	18.61
6/23/2017 9:00	18.50
6/23/2017 9:10	18.43
6/23/2017 9:20	17.66
6/23/2017 9:30	16.82
6/23/2017 9:40	16.71
6/23/2017 9:50	16.69
6/23/2017 10:00	16.64
6/23/2017 10:10	16.59
6/23/2017 10:20	16.56
6/23/2017 10:30	16.53
6/23/2017 10:40	16.47
6/23/2017 10:50	16.45
6/23/2017 11:00	16.44
6/23/2017 11:10	16.45
6/23/2017 11:20	16.48
6/23/2017 11:30	16.51
6/23/2017 11:40	16.55
6/23/2017 11:50	16.65
6/23/2017 12:00	16.75

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/23/2017 12:10	16.84
6/23/2017 12:20	16.93
6/23/2017 12:30	16.85
6/23/2017 12:40	16.73
6/23/2017 12:50	16.68
6/23/2017 13:00	16.74
6/23/2017 13:10	16.76
6/23/2017 13:20	16.71
6/23/2017 13:30	16.69
6/23/2017 13:40	16.77
6/23/2017 13:50	16.83
6/23/2017 14:00	17.03
6/23/2017 14:10	17.21
6/23/2017 14:20	17.31
6/23/2017 14:30	17.30
6/23/2017 14:40	17.25
6/23/2017 14:50	17.22
6/23/2017 15:00	17.30
6/23/2017 15:10	17.21
6/23/2017 15:20	17.26
6/23/2017 15:30	17.38
6/23/2017 15:40	17.35
6/23/2017 15:50	17.31
6/23/2017 16:00	17.41
6/23/2017 16:10	17.31
6/23/2017 16:20	17.20
6/23/2017 16:30	17.08
6/23/2017 16:40	17.10
6/23/2017 16:50	17.29
6/23/2017 17:00	17.41
6/23/2017 17:10	17.52
6/23/2017 17:20	17.48
6/23/2017 17:30	17.46
6/23/2017 17:40	17.47
6/23/2017 17:50	17.46
6/23/2017 18:00	17.29
6/23/2017 18:10	17.18
6/23/2017 18:20	17.22
6/23/2017 18:30	17.19
6/23/2017 18:40	17.04

Date/Time	Temp (°C)
6/23/2017 18:50	17.03
6/23/2017 19:00	17.10
6/23/2017 19:10	17.10
6/23/2017 19:20	16.95
6/23/2017 19:30	16.77
6/23/2017 19:40	16.74
6/23/2017 19:50	16.78
6/23/2017 20:00	16.76
6/23/2017 20:10	16.80
6/23/2017 20:20	16.81
6/23/2017 20:30	16.78
6/23/2017 20:40	16.70
6/23/2017 20:50	16.63
6/23/2017 21:00	16.58
6/23/2017 21:10	16.58
6/23/2017 21:20	16.65
6/23/2017 21:30	16.74
6/23/2017 21:40	16.74
6/23/2017 21:50	16.69
6/23/2017 22:00	16.65
6/23/2017 22:10	16.57
6/23/2017 22:20	16.44
6/23/2017 22:30	16.37
6/23/2017 22:40	16.37
6/23/2017 22:50	16.37
6/23/2017 23:00	16.47
6/23/2017 23:10	16.53
6/23/2017 23:20	16.44
6/23/2017 23:30	16.39
6/23/2017 23:40	16.43
6/23/2017 23:50	16.43
6/24/2017 0:00	16.42
6/24/2017 0:10	16.33
6/24/2017 0:20	16.33
6/24/2017 0:30	16.37
6/24/2017 0:40	16.34
6/24/2017 0:50	16.11
6/24/2017 1:00	16.09
6/24/2017 1:10	16.14
6/24/2017 1:20	16.19

Date/Time	Temp (°C)
6/24/2017 1:30	16.21
6/24/2017 1:40	16.26
6/24/2017 1:50	16.28
6/24/2017 2:00	16.31
6/24/2017 2:10	16.33
6/24/2017 2:20	16.34
6/24/2017 2:30	16.36
6/24/2017 2:40	16.37
6/24/2017 2:50	16.38
6/24/2017 3:00	16.40
6/24/2017 3:10	16.41
6/24/2017 3:20	16.43
6/24/2017 3:30	16.46
6/24/2017 3:40	16.47
6/24/2017 3:50	16.51
6/24/2017 4:00	16.52
6/24/2017 4:10	16.54
6/24/2017 4:20	16.58
6/24/2017 4:30	16.60
6/24/2017 4:40	16.63
6/24/2017 4:50	16.65
6/24/2017 5:00	16.67
6/24/2017 5:10	16.70
6/24/2017 5:20	16.71
6/24/2017 5:30	16.72
6/24/2017 5:40	16.76
6/24/2017 5:50	16.79
6/24/2017 6:00	16.80
6/24/2017 6:10	16.82
6/24/2017 6:20	16.83
6/24/2017 6:30	16.82
6/24/2017 6:40	16.81
6/24/2017 6:50	16.82
6/24/2017 7:00	16.80
6/24/2017 7:10	16.80
6/24/2017 7:20	16.80
6/24/2017 7:30	16.82
6/24/2017 7:40	16.82
6/24/2017 7:50	16.82
6/24/2017 8:00	16.81

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/24/2017 8:10	16.82
6/24/2017 8:20	16.82
6/24/2017 8:30	16.82
6/24/2017 8:40	16.82
6/24/2017 8:50	16.84
6/24/2017 9:00	16.86
6/24/2017 9:10	16.88
6/24/2017 9:20	16.91
6/24/2017 9:30	16.94
6/24/2017 9:40	16.99
6/24/2017 9:50	16.98
6/24/2017 10:00	16.98
6/24/2017 10:10	16.99
6/24/2017 10:20	17.03
6/24/2017 10:30	17.08
6/24/2017 10:40	17.29
6/24/2017 10:50	17.47
6/24/2017 11:00	17.57
6/24/2017 11:10	17.66
6/24/2017 11:20	17.77
6/24/2017 11:30	17.87
6/24/2017 11:40	17.97
6/24/2017 11:50	18.08
6/24/2017 12:00	18.15
6/24/2017 12:10	18.23
6/24/2017 12:20	18.29
6/24/2017 12:30	18.36
6/24/2017 12:40	18.42
6/24/2017 12:50	18.50
6/24/2017 13:00	18.60
6/24/2017 13:10	18.67
6/24/2017 13:20	18.74
6/24/2017 13:30	18.81
6/24/2017 13:40	18.88
6/24/2017 13:50	18.93
6/24/2017 14:00	19.01
6/24/2017 14:10	19.00
6/24/2017 14:20	19.09
6/24/2017 14:30	19.13
6/24/2017 14:40	19.15

Date/Time	Temp (°C)
6/24/2017 14:50	19.20
6/24/2017 15:00	19.22
6/24/2017 15:10	19.26
6/24/2017 15:20	19.20
6/24/2017 15:30	18.88
6/24/2017 15:40	18.39
6/24/2017 15:50	18.23
6/24/2017 16:00	18.20
6/24/2017 16:10	18.24
6/24/2017 16:20	18.33
6/24/2017 16:30	18.45
6/24/2017 16:40	18.36
6/24/2017 16:50	18.22
6/24/2017 17:00	18.23
6/24/2017 17:10	18.17
6/24/2017 17:20	18.06
6/24/2017 17:30	18.06
6/24/2017 17:40	18.12
6/24/2017 17:50	18.22
6/24/2017 18:00	18.19
6/24/2017 18:10	18.15
6/24/2017 18:20	18.11
6/24/2017 18:30	18.08
6/24/2017 18:40	18.02
6/24/2017 18:50	17.92
6/24/2017 19:00	17.89
6/24/2017 19:10	17.86
6/24/2017 19:20	17.93
6/24/2017 19:30	17.91
6/24/2017 19:40	17.77
6/24/2017 19:50	17.72
6/24/2017 20:00	17.69
6/24/2017 20:10	17.60
6/24/2017 20:20	17.57
6/24/2017 20:30	17.63
6/24/2017 20:40	17.59
6/24/2017 20:50	17.58
6/24/2017 21:00	17.54
6/24/2017 21:10	17.46
6/24/2017 21:20	17.45

Date/Time	Temp (°C)
6/24/2017 21:30	17.44
6/24/2017 21:40	17.37
6/24/2017 21:50	17.29
6/24/2017 22:00	17.21
6/24/2017 22:10	17.11
6/24/2017 22:20	17.00
6/24/2017 22:30	16.93
6/24/2017 22:40	16.92
6/24/2017 22:50	17.18
6/24/2017 23:00	17.54
6/24/2017 23:10	17.77
6/24/2017 23:20	17.95
6/24/2017 23:30	18.07
6/24/2017 23:40	18.16
6/24/2017 23:50	18.20
6/25/2017 0:00	18.22
6/25/2017 0:10	18.23
6/25/2017 0:20	18.23
6/25/2017 0:30	18.22
6/25/2017 0:40	18.20
6/25/2017 0:50	18.18
6/25/2017 1:00	18.16
6/25/2017 1:10	18.13
6/25/2017 1:20	18.10
6/25/2017 1:30	18.07
6/25/2017 1:40	18.04
6/25/2017 1:50	18.01
6/25/2017 2:00	17.98
6/25/2017 2:10	17.94
6/25/2017 2:20	17.91
6/25/2017 2:30	17.87
6/25/2017 2:40	17.83
6/25/2017 2:50	17.80
6/25/2017 3:00	17.76
6/25/2017 3:10	17.73
6/25/2017 3:20	17.69
6/25/2017 3:30	17.66
6/25/2017 3:40	17.62
6/25/2017 3:50	17.59
6/25/2017 4:00	17.55

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/25/2017 4:10	17.52
6/25/2017 4:20	17.49
6/25/2017 4:30	17.45
6/25/2017 4:40	17.42
6/25/2017 4:50	17.39
6/25/2017 5:00	17.35
6/25/2017 5:10	17.32
6/25/2017 5:20	17.29
6/25/2017 5:30	17.26
6/25/2017 5:40	17.23
6/25/2017 5:50	17.20
6/25/2017 6:00	17.17
6/25/2017 6:10	17.13
6/25/2017 6:20	17.10
6/25/2017 6:30	17.07
6/25/2017 6:40	17.04
6/25/2017 6:50	17.02
6/25/2017 7:00	16.99
6/25/2017 7:10	16.96
6/25/2017 7:20	16.95
6/25/2017 7:30	16.93
6/25/2017 7:40	16.91
6/25/2017 7:50	16.90
6/25/2017 8:00	16.88
6/25/2017 8:10	16.88
6/25/2017 8:20	16.86
6/25/2017 8:30	16.85
6/25/2017 8:40	16.85
6/25/2017 8:50	16.86
6/25/2017 9:00	16.88
6/25/2017 9:10	16.90
6/25/2017 9:20	16.93
6/25/2017 9:30	16.94
6/25/2017 9:40	16.94
6/25/2017 9:50	16.97
6/25/2017 10:00	17.04
6/25/2017 10:10	17.08
6/25/2017 10:20	17.14
6/25/2017 10:30	17.19
6/25/2017 10:40	17.26

Date/Time	Temp (°C)
6/25/2017 10:50	17.29
6/25/2017 11:00	17.33
6/25/2017 11:10	17.34
6/25/2017 11:20	17.32
6/25/2017 11:30	17.39
6/25/2017 11:40	17.49
6/25/2017 11:50	17.59
6/25/2017 12:00	17.77
6/25/2017 12:10	17.88
6/25/2017 12:20	18.01
6/25/2017 12:30	18.05
6/25/2017 12:40	18.11
6/25/2017 12:50	18.15
6/25/2017 13:00	18.25
6/25/2017 13:10	18.41
6/25/2017 13:20	18.57
6/25/2017 13:30	18.68
6/25/2017 13:40	18.79
6/25/2017 13:50	18.87
6/25/2017 14:00	18.95
6/25/2017 14:10	19.06
6/25/2017 14:20	19.11
6/25/2017 14:30	19.22
6/25/2017 14:40	19.27
6/25/2017 14:50	19.27
6/25/2017 15:00	19.27
6/25/2017 15:10	19.30
6/25/2017 15:20	19.38
6/25/2017 15:30	19.37
6/25/2017 15:40	19.43
6/25/2017 15:50	19.63
6/25/2017 16:00	19.73
6/25/2017 16:10	19.79
6/25/2017 16:20	19.82
6/25/2017 16:30	19.90
6/25/2017 16:40	19.87
6/25/2017 16:50	19.88
6/25/2017 17:00	19.88
6/25/2017 17:10	19.85
6/25/2017 17:20	19.85

Date/Time	Temp (°C)
6/25/2017 17:30	19.84
6/25/2017 17:40	19.78
6/25/2017 17:50	19.82
6/25/2017 18:00	19.76
6/25/2017 18:10	19.66
6/25/2017 18:20	19.63
6/25/2017 18:30	19.58
6/25/2017 18:40	19.50
6/25/2017 18:50	19.38
6/25/2017 19:00	19.34
6/25/2017 19:10	19.26
6/25/2017 19:20	19.13
6/25/2017 19:30	19.05
6/25/2017 19:40	18.94
6/25/2017 19:50	18.85
6/25/2017 20:00	18.76
6/25/2017 20:10	18.67
6/25/2017 20:20	18.58
6/25/2017 20:30	18.50
6/25/2017 20:40	18.43
6/25/2017 20:50	18.35
6/25/2017 21:00	18.28
6/25/2017 21:10	18.22
6/25/2017 21:20	18.16
6/25/2017 21:30	18.11
6/25/2017 21:40	18.05
6/25/2017 21:50	18.00
6/25/2017 22:00	17.95
6/25/2017 22:10	17.90
6/25/2017 22:20	17.85
6/25/2017 22:30	17.80
6/25/2017 22:40	17.75
6/25/2017 22:50	17.71
6/25/2017 23:00	17.67
6/25/2017 23:10	17.63
6/25/2017 23:20	17.58
6/25/2017 23:30	17.55
6/25/2017 23:40	17.51
6/25/2017 23:50	17.46
6/26/2017 0:00	17.42

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/26/2017 0:10	17.38
6/26/2017 0:20	17.35
6/26/2017 0:30	17.30
6/26/2017 0:40	17.27
6/26/2017 0:50	17.22
6/26/2017 1:00	17.18
6/26/2017 1:10	17.15
6/26/2017 1:20	17.11
6/26/2017 1:30	17.08
6/26/2017 1:40	17.04
6/26/2017 1:50	17.01
6/26/2017 2:00	16.97
6/26/2017 2:10	16.94
6/26/2017 2:20	16.91
6/26/2017 2:30	16.88
6/26/2017 2:40	16.85
6/26/2017 2:50	16.82
6/26/2017 3:00	16.79
6/26/2017 3:10	16.77
6/26/2017 3:20	16.74
6/26/2017 3:30	16.71
6/26/2017 3:40	16.68
6/26/2017 3:50	16.64
6/26/2017 4:00	16.61
6/26/2017 4:10	16.57
6/26/2017 4:20	16.54
6/26/2017 4:30	16.51
6/26/2017 4:40	16.47
6/26/2017 4:50	16.43
6/26/2017 5:00	16.40
6/26/2017 5:10	16.36
6/26/2017 5:20	16.32
6/26/2017 5:30	16.28
6/26/2017 5:40	16.25
6/26/2017 5:50	16.21
6/26/2017 6:00	16.17
6/26/2017 6:10	16.13
6/26/2017 6:20	16.09
6/26/2017 6:30	16.06
6/26/2017 6:40	16.02

Date/Time	Temp (°C)
6/26/2017 6:50	15.99
6/26/2017 7:00	15.96
6/26/2017 7:10	15.92
6/26/2017 7:20	15.90
6/26/2017 7:30	15.87
6/26/2017 7:40	15.84
6/26/2017 7:50	15.81
6/26/2017 8:00	15.80
6/26/2017 8:10	15.79
6/26/2017 8:20	15.77
6/26/2017 8:30	15.77
6/26/2017 8:40	15.77
6/26/2017 8:50	15.79
6/26/2017 9:00	15.77
6/26/2017 9:10	15.79
6/26/2017 9:20	15.84
6/26/2017 9:30	15.89
6/26/2017 9:40	15.95
6/26/2017 9:50	15.95
6/26/2017 10:00	15.98
6/26/2017 10:10	16.03
6/26/2017 10:20	16.05
6/26/2017 10:30	16.09
6/26/2017 10:40	16.09
6/26/2017 10:50	16.17
6/26/2017 11:00	16.31
6/26/2017 11:10	16.33
6/26/2017 11:20	16.39
6/26/2017 11:30	16.56
6/26/2017 11:40	16.62
6/26/2017 11:50	16.71
6/26/2017 12:00	16.79
6/26/2017 12:10	16.99
6/26/2017 12:20	17.02
6/26/2017 12:30	17.18
6/26/2017 12:40	17.19
6/26/2017 12:50	17.11
6/26/2017 13:00	16.42
6/26/2017 13:10	16.34
6/26/2017 13:20	16.69

Date/Time	Temp (°C)
6/26/2017 13:30	16.86
6/26/2017 13:40	16.95
6/26/2017 13:50	16.98
6/26/2017 14:00	17.17
6/26/2017 14:10	17.23
6/26/2017 14:20	17.31
6/26/2017 14:30	17.35
6/26/2017 14:40	17.38
6/26/2017 14:50	17.40
6/26/2017 15:00	17.49
6/26/2017 15:10	17.49
6/26/2017 15:20	17.51
6/26/2017 15:30	17.63
6/26/2017 15:40	17.58
6/26/2017 15:50	17.72
6/26/2017 16:00	17.64
6/26/2017 16:10	17.74
6/26/2017 16:20	17.79
6/26/2017 16:30	17.69
6/26/2017 16:40	17.68
6/26/2017 16:50	17.59
6/26/2017 17:00	17.41
6/26/2017 17:10	17.38
6/26/2017 17:20	17.42
6/26/2017 17:30	17.34
6/26/2017 17:40	17.13
6/26/2017 17:50	16.98
6/26/2017 18:00	16.93
6/26/2017 18:10	16.95
6/26/2017 18:20	16.93
6/26/2017 18:30	16.87
6/26/2017 18:40	16.85
6/26/2017 18:50	16.96
6/26/2017 19:00	16.91
6/26/2017 19:10	16.72
6/26/2017 19:20	16.59
6/26/2017 19:30	16.48
6/26/2017 19:40	16.33
6/26/2017 19:50	16.12
6/26/2017 20:00	16.06

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/26/2017 20:10	16.08
6/26/2017 20:20	16.01
6/26/2017 20:30	15.88
6/26/2017 20:40	15.84
6/26/2017 20:50	15.86
6/26/2017 21:00	15.84
6/26/2017 21:10	15.84
6/26/2017 21:20	15.83
6/26/2017 21:30	15.80
6/26/2017 21:40	15.75
6/26/2017 21:50	15.74
6/26/2017 22:00	15.73
6/26/2017 22:10	15.71
6/26/2017 22:20	15.65
6/26/2017 22:30	15.60
6/26/2017 22:40	15.54
6/26/2017 22:50	15.50
6/26/2017 23:00	15.47
6/26/2017 23:10	15.44
6/26/2017 23:20	15.41
6/26/2017 23:30	15.37
6/26/2017 23:40	15.31
6/26/2017 23:50	15.26
6/27/2017 0:00	15.21
6/27/2017 0:10	15.29
6/27/2017 0:20	15.46
6/27/2017 0:30	15.59
6/27/2017 0:40	15.69
6/27/2017 0:50	15.77
6/27/2017 1:00	15.82
6/27/2017 1:10	15.88
6/27/2017 1:20	15.91
6/27/2017 1:30	15.94
6/27/2017 1:40	15.96
6/27/2017 1:50	15.97
6/27/2017 2:00	15.96
6/27/2017 2:10	15.97
6/27/2017 2:20	15.97
6/27/2017 2:30	15.96
6/27/2017 2:40	15.97

Date/Time	Temp (°C)
6/27/2017 2:50	15.96
6/27/2017 3:00	15.95
6/27/2017 3:10	15.94
6/27/2017 3:20	15.94
6/27/2017 3:30	15.94
6/27/2017 3:40	15.92
6/27/2017 3:50	15.91
6/27/2017 4:00	15.88
6/27/2017 4:10	15.88
6/27/2017 4:20	15.87
6/27/2017 4:30	15.87
6/27/2017 4:40	15.86
6/27/2017 4:50	15.84
6/27/2017 5:00	15.83
6/27/2017 5:10	15.81
6/27/2017 5:20	15.80
6/27/2017 5:30	15.77
6/27/2017 5:40	15.76
6/27/2017 5:50	15.74
6/27/2017 6:00	15.74
6/27/2017 6:10	15.71
6/27/2017 6:20	15.70
6/27/2017 6:30	15.66
6/27/2017 6:40	15.64
6/27/2017 6:50	15.63
6/27/2017 7:00	15.63
6/27/2017 7:10	15.62
6/27/2017 7:20	15.61
6/27/2017 7:30	15.60
6/27/2017 7:40	15.61
6/27/2017 7:50	15.60
6/27/2017 8:00	15.59
6/27/2017 8:10	15.61
6/27/2017 8:20	15.62
6/27/2017 8:30	15.60
6/27/2017 8:40	15.58
6/27/2017 8:50	15.57
6/27/2017 9:00	15.58
6/27/2017 9:10	15.59
6/27/2017 9:20	15.61

Date/Time	Temp (°C)
6/27/2017 9:30	15.67
6/27/2017 9:40	15.73
6/27/2017 9:50	15.78
6/27/2017 10:00	15.85
6/27/2017 10:10	15.88
6/27/2017 10:20	15.96
6/27/2017 10:30	16.09
6/27/2017 10:40	16.09
6/27/2017 10:50	16.11
6/27/2017 11:00	16.14
6/27/2017 11:10	16.25
6/27/2017 11:20	16.36
6/27/2017 11:30	16.44
6/27/2017 11:40	16.50
6/27/2017 11:50	16.60
6/27/2017 12:00	16.69
6/27/2017 12:10	16.80
6/27/2017 12:20	17.02
6/27/2017 12:30	17.14
6/27/2017 12:40	17.24
6/27/2017 12:50	17.22
6/27/2017 13:00	17.32
6/27/2017 13:10	17.31
6/27/2017 13:20	17.43
6/27/2017 13:30	17.44
6/27/2017 13:40	17.41
6/27/2017 13:50	17.56
6/27/2017 14:00	17.71
6/27/2017 14:10	17.74
6/27/2017 14:20	17.87
6/27/2017 14:30	18.08
6/27/2017 14:40	18.20
6/27/2017 14:50	18.19
6/27/2017 15:00	18.29
6/27/2017 15:10	18.28
6/27/2017 15:20	18.25
6/27/2017 15:30	18.11
6/27/2017 15:40	18.12
6/27/2017 15:50	18.08
6/27/2017 16:00	18.02

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/27/2017 16:10	17.97
6/27/2017 16:20	17.34
6/27/2017 16:30	16.85
6/27/2017 16:40	16.97
6/27/2017 16:50	16.98
6/27/2017 17:00	16.98
6/27/2017 17:10	17.01
6/27/2017 17:20	17.04
6/27/2017 17:30	16.93
6/27/2017 17:40	17.00
6/27/2017 17:50	16.92
6/27/2017 18:00	16.94
6/27/2017 18:10	16.83
6/27/2017 18:20	16.82
6/27/2017 18:30	16.77
6/27/2017 18:40	16.65
6/27/2017 18:50	16.61
6/27/2017 19:00	16.56
6/27/2017 19:10	16.46
6/27/2017 19:20	16.39
6/27/2017 19:30	16.31
6/27/2017 19:40	16.23
6/27/2017 19:50	16.16
6/27/2017 20:00	16.10
6/27/2017 20:10	16.05
6/27/2017 20:20	16.00
6/27/2017 20:30	15.96
6/27/2017 20:40	15.93
6/27/2017 20:50	15.89
6/27/2017 21:00	15.84
6/27/2017 21:10	15.80
6/27/2017 21:20	15.77
6/27/2017 21:30	15.80
6/27/2017 21:40	15.87
6/27/2017 21:50	15.95
6/27/2017 22:00	16.01
6/27/2017 22:10	16.04
6/27/2017 22:20	16.07
6/27/2017 22:30	16.09
6/27/2017 22:40	16.08

Date/Time	Temp (°C)
6/27/2017 22:50	16.07
6/27/2017 23:00	16.06
6/27/2017 23:10	16.04
6/27/2017 23:20	16.02
6/27/2017 23:30	15.99
6/27/2017 23:40	15.95
6/27/2017 23:50	15.93
6/28/2017 0:00	15.90
6/28/2017 0:10	15.87
6/28/2017 0:20	15.84
6/28/2017 0:30	15.81
6/28/2017 0:40	15.77
6/28/2017 0:50	15.73
6/28/2017 1:00	15.70
6/28/2017 1:10	15.67
6/28/2017 1:20	15.63
6/28/2017 1:30	15.60
6/28/2017 1:40	15.56
6/28/2017 1:50	15.52
6/28/2017 2:00	15.49
6/28/2017 2:10	15.46
6/28/2017 2:20	15.42
6/28/2017 2:30	15.39
6/28/2017 2:40	15.35
6/28/2017 2:50	15.31
6/28/2017 3:00	15.27
6/28/2017 3:10	15.24
6/28/2017 3:20	15.20
6/28/2017 3:30	15.16
6/28/2017 3:40	15.12
6/28/2017 3:50	15.08
6/28/2017 4:00	15.04
6/28/2017 4:10	15.00
6/28/2017 4:20	14.96
6/28/2017 4:30	14.92
6/28/2017 4:40	14.88
6/28/2017 4:50	14.83
6/28/2017 5:00	14.79
6/28/2017 5:10	14.75
6/28/2017 5:20	14.70

Date/Time	Temp (°C)
6/28/2017 5:30	14.66
6/28/2017 5:40	14.62
6/28/2017 5:50	14.57
6/28/2017 6:00	14.53
6/28/2017 6:10	14.48
6/28/2017 6:20	14.44
6/28/2017 6:30	14.41
6/28/2017 6:40	14.37
6/28/2017 6:50	14.34
6/28/2017 7:00	14.31
6/28/2017 7:10	14.28
6/28/2017 7:20	14.26
6/28/2017 7:30	14.24
6/28/2017 7:40	14.23
6/28/2017 7:50	14.23
6/28/2017 8:00	14.22
6/28/2017 8:10	14.22
6/28/2017 8:20	14.22
6/28/2017 8:30	14.23
6/28/2017 8:40	14.25
6/28/2017 8:50	14.28
6/28/2017 9:00	14.35
6/28/2017 9:10	14.42
6/28/2017 9:20	14.49
6/28/2017 9:30	14.56
6/28/2017 9:40	14.64
6/28/2017 9:50	14.72
6/28/2017 10:00	14.81
6/28/2017 10:10	14.90
6/28/2017 10:20	15.00
6/28/2017 10:30	15.09
6/28/2017 10:40	15.21
6/28/2017 10:50	15.34
6/28/2017 11:00	15.48
6/28/2017 11:10	15.63
6/28/2017 11:20	15.77
6/28/2017 11:30	15.95
6/28/2017 11:40	16.13
6/28/2017 11:50	16.32
6/28/2017 12:00	16.52

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/28/2017 12:10	16.72
6/28/2017 12:20	16.91
6/28/2017 12:30	17.13
6/28/2017 12:40	17.37
6/28/2017 12:50	17.56
6/28/2017 13:00	17.77
6/28/2017 13:10	17.98
6/28/2017 13:20	18.18
6/28/2017 13:30	18.36
6/28/2017 13:40	18.55
6/28/2017 13:50	18.75
6/28/2017 14:00	18.96
6/28/2017 14:10	19.12
6/28/2017 14:20	19.32
6/28/2017 14:30	19.49
6/28/2017 14:40	19.67
6/28/2017 14:50	19.82
6/28/2017 15:00	19.94
6/28/2017 15:10	20.10
6/28/2017 15:20	20.24
6/28/2017 15:30	20.26
6/28/2017 15:40	20.29
6/28/2017 15:50	20.27
6/28/2017 16:00	20.13
6/28/2017 16:10	19.94
6/28/2017 16:20	19.59
6/28/2017 16:30	18.73
6/28/2017 16:40	18.20
6/28/2017 16:50	18.08
6/28/2017 17:00	18.07
6/28/2017 17:10	18.06
6/28/2017 17:20	17.90
6/28/2017 17:30	17.83
6/28/2017 17:40	17.82
6/28/2017 17:50	17.60
6/28/2017 18:00	17.41
6/28/2017 18:10	17.36
6/28/2017 18:20	17.45
6/28/2017 18:30	17.54
6/28/2017 18:40	17.39

Date/Time	Temp (°C)
6/28/2017 18:50	17.18
6/28/2017 19:00	17.15
6/28/2017 19:10	17.25
6/28/2017 19:20	17.19
6/28/2017 19:30	17.00
6/28/2017 19:40	16.93
6/28/2017 19:50	16.88
6/28/2017 20:00	16.81
6/28/2017 20:10	16.72
6/28/2017 20:20	16.61
6/28/2017 20:30	16.50
6/28/2017 20:40	16.40
6/28/2017 20:50	16.32
6/28/2017 21:00	16.28
6/28/2017 21:10	16.26
6/28/2017 21:20	16.24
6/28/2017 21:30	16.24
6/28/2017 21:40	16.24
6/28/2017 21:50	16.25
6/28/2017 22:00	16.33
6/28/2017 22:10	16.42
6/28/2017 22:20	16.49
6/28/2017 22:30	16.55
6/28/2017 22:40	16.58
6/28/2017 22:50	16.62
6/28/2017 23:00	16.63
6/28/2017 23:10	16.63
6/28/2017 23:20	16.64
6/28/2017 23:30	16.63
6/28/2017 23:40	16.61
6/28/2017 23:50	16.59
6/29/2017 0:00	16.58
6/29/2017 0:10	16.55
6/29/2017 0:20	16.51
6/29/2017 0:30	16.50
6/29/2017 0:40	16.47
6/29/2017 0:50	16.44
6/29/2017 1:00	16.40
6/29/2017 1:10	16.38
6/29/2017 1:20	16.35

Date/Time	Temp (°C)
6/29/2017 1:30	16.32
6/29/2017 1:40	16.28
6/29/2017 1:50	16.26
6/29/2017 2:00	16.23
6/29/2017 2:10	16.22
6/29/2017 2:20	16.17
6/29/2017 2:30	16.15
6/29/2017 2:40	16.12
6/29/2017 2:50	16.10
6/29/2017 3:00	16.06
6/29/2017 3:10	16.04
6/29/2017 3:20	16.02
6/29/2017 3:30	15.99
6/29/2017 3:40	15.96
6/29/2017 3:50	15.92
6/29/2017 4:00	15.89
6/29/2017 4:10	15.86
6/29/2017 4:20	15.83
6/29/2017 4:30	15.81
6/29/2017 4:40	15.78
6/29/2017 4:50	15.74
6/29/2017 5:00	15.70
6/29/2017 5:10	15.66
6/29/2017 5:20	15.63
6/29/2017 5:30	15.60
6/29/2017 5:40	15.57
6/29/2017 5:50	15.53
6/29/2017 6:00	15.49
6/29/2017 6:10	15.46
6/29/2017 6:20	15.43
6/29/2017 6:30	15.38
6/29/2017 6:40	15.35
6/29/2017 6:50	15.32
6/29/2017 7:00	15.29
6/29/2017 7:10	15.26
6/29/2017 7:20	15.25
6/29/2017 7:30	15.22
6/29/2017 7:40	15.21
6/29/2017 7:50	15.22
6/29/2017 8:00	15.22

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/29/2017 8:10	15.23
6/29/2017 8:20	15.24
6/29/2017 8:30	15.27
6/29/2017 8:40	15.32
6/29/2017 8:50	15.38
6/29/2017 9:00	15.44
6/29/2017 9:10	15.47
6/29/2017 9:20	15.57
6/29/2017 9:30	15.64
6/29/2017 9:40	15.67
6/29/2017 9:50	15.77
6/29/2017 10:00	15.91
6/29/2017 10:10	16.05
6/29/2017 10:20	16.22
6/29/2017 10:30	16.36
6/29/2017 10:40	16.50
6/29/2017 10:50	16.69
6/29/2017 11:00	16.74
6/29/2017 11:10	16.73
6/29/2017 11:20	16.78
6/29/2017 11:30	16.96
6/29/2017 11:40	17.12
6/29/2017 11:50	17.32
6/29/2017 12:00	17.44
6/29/2017 12:10	17.55
6/29/2017 12:20	17.78
6/29/2017 12:30	17.90
6/29/2017 12:40	18.02
6/29/2017 12:50	18.22
6/29/2017 13:00	18.38
6/29/2017 13:10	18.58
6/29/2017 13:20	18.70
6/29/2017 13:30	18.83
6/29/2017 13:40	19.04
6/29/2017 13:50	19.23
6/29/2017 14:00	19.48
6/29/2017 14:10	19.84
6/29/2017 14:20	20.02
6/29/2017 14:30	19.99
6/29/2017 14:40	20.36

Date/Time	Temp (°C)
6/29/2017 14:50	20.27
6/29/2017 15:00	20.31
6/29/2017 15:10	20.32
6/29/2017 15:20	20.62
6/29/2017 15:30	20.67
6/29/2017 15:40	20.80
6/29/2017 15:50	20.88
6/29/2017 16:00	20.78
6/29/2017 16:10	20.74
6/29/2017 16:20	20.34
6/29/2017 16:30	19.47
6/29/2017 16:40	18.92
6/29/2017 16:50	18.98
6/29/2017 17:00	19.00
6/29/2017 17:10	18.96
6/29/2017 17:20	18.86
6/29/2017 17:30	18.62
6/29/2017 17:40	18.42
6/29/2017 17:50	18.20
6/29/2017 18:00	18.15
6/29/2017 18:10	18.22
6/29/2017 18:20	18.27
6/29/2017 18:30	18.32
6/29/2017 18:40	18.32
6/29/2017 18:50	18.15
6/29/2017 19:00	17.85
6/29/2017 19:10	17.64
6/29/2017 19:20	17.43
6/29/2017 19:30	17.18
6/29/2017 19:40	17.10
6/29/2017 19:50	17.07
6/29/2017 20:00	16.82
6/29/2017 20:10	16.58
6/29/2017 20:20	16.42
6/29/2017 20:30	16.30
6/29/2017 20:40	16.39
6/29/2017 20:50	16.48
6/29/2017 21:00	16.52
6/29/2017 21:10	16.54
6/29/2017 21:20	16.54

Date/Time	Temp (°C)
6/29/2017 21:30	16.54
6/29/2017 21:40	16.52
6/29/2017 21:50	16.51
6/29/2017 22:00	16.52
6/29/2017 22:10	16.52
6/29/2017 22:20	16.52
6/29/2017 22:30	16.52
6/29/2017 22:40	16.52
6/29/2017 22:50	16.51
6/29/2017 23:00	16.51
6/29/2017 23:10	16.50
6/29/2017 23:20	16.49
6/29/2017 23:30	16.49
6/29/2017 23:40	16.48
6/29/2017 23:50	16.46
6/30/2017 0:00	16.45
6/30/2017 0:10	16.47
6/30/2017 0:20	16.55
6/30/2017 0:30	16.66
6/30/2017 0:40	16.78
6/30/2017 0:50	16.88
6/30/2017 1:00	16.98
6/30/2017 1:10	17.06
6/30/2017 1:20	17.15
6/30/2017 1:30	17.21
6/30/2017 1:40	17.25
6/30/2017 1:50	17.29
6/30/2017 2:00	17.32
6/30/2017 2:10	17.34
6/30/2017 2:20	17.36
6/30/2017 2:30	17.37
6/30/2017 2:40	17.38
6/30/2017 2:50	17.38
6/30/2017 3:00	17.39
6/30/2017 3:10	17.39
6/30/2017 3:20	17.39
6/30/2017 3:30	17.38
6/30/2017 3:40	17.38
6/30/2017 3:50	17.37
6/30/2017 4:00	17.36

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
6/30/2017 4:10	17.35
6/30/2017 4:20	17.34
6/30/2017 4:30	17.32
6/30/2017 4:40	17.31
6/30/2017 4:50	17.29
6/30/2017 5:00	17.27
6/30/2017 5:10	17.26
6/30/2017 5:20	17.25
6/30/2017 5:30	17.24
6/30/2017 5:40	17.22
6/30/2017 5:50	17.20
6/30/2017 6:00	17.18
6/30/2017 6:10	17.17
6/30/2017 6:20	17.15
6/30/2017 6:30	17.15
6/30/2017 6:40	17.15
6/30/2017 6:50	17.14
6/30/2017 7:00	17.12
6/30/2017 7:10	17.12
6/30/2017 7:20	17.12
6/30/2017 7:30	17.15
6/30/2017 7:40	17.18
6/30/2017 7:50	17.20
6/30/2017 8:00	17.21
6/30/2017 8:10	17.23
6/30/2017 8:20	17.24
6/30/2017 8:30	17.26
6/30/2017 8:40	17.30
6/30/2017 8:50	17.34
6/30/2017 9:00	17.37
6/30/2017 9:10	17.43
6/30/2017 9:20	17.46
6/30/2017 9:30	17.52
6/30/2017 9:40	17.59
6/30/2017 9:50	17.70
6/30/2017 10:00	17.77
6/30/2017 10:10	17.83
6/30/2017 10:20	18.03
6/30/2017 10:30	18.20
6/30/2017 10:40	18.40

Date/Time	Temp (°C)
6/30/2017 10:50	18.53
6/30/2017 11:00	18.65
6/30/2017 11:10	18.75
6/30/2017 11:20	18.87
6/30/2017 11:30	19.08
6/30/2017 11:40	19.27
6/30/2017 11:50	19.47
6/30/2017 12:00	19.71
6/30/2017 12:10	19.92
6/30/2017 12:20	20.08
6/30/2017 12:30	20.18
6/30/2017 12:40	20.10
6/30/2017 12:50	20.22
6/30/2017 13:00	20.17
6/30/2017 13:10	19.92
6/30/2017 13:20	18.77
6/30/2017 13:30	18.57
6/30/2017 13:40	18.68
6/30/2017 13:50	18.75
6/30/2017 14:00	18.83
6/30/2017 14:10	18.85
6/30/2017 14:20	18.78
6/30/2017 14:30	18.95
6/30/2017 14:40	19.08
6/30/2017 14:50	19.30
6/30/2017 15:00	19.33
6/30/2017 15:10	19.35
6/30/2017 15:20	19.41
6/30/2017 15:30	19.45
6/30/2017 15:40	19.54
6/30/2017 15:50	19.67
6/30/2017 16:00	19.78
6/30/2017 16:10	19.95
6/30/2017 16:20	20.14
6/30/2017 16:30	20.37
6/30/2017 16:40	20.55
6/30/2017 16:50	20.76
6/30/2017 17:00	20.94
6/30/2017 17:10	20.96
6/30/2017 17:20	21.21

Date/Time	Temp (°C)
6/30/2017 17:30	21.35
6/30/2017 17:40	21.49
6/30/2017 17:50	21.61
6/30/2017 18:00	21.73
6/30/2017 18:10	21.77
6/30/2017 18:20	21.75
6/30/2017 18:30	21.91
6/30/2017 18:40	22.02
6/30/2017 18:50	22.13
6/30/2017 19:00	22.21
6/30/2017 19:10	22.28
6/30/2017 19:20	22.32
6/30/2017 19:30	22.27
6/30/2017 19:40	22.26
6/30/2017 19:50	22.24
6/30/2017 20:00	22.20
6/30/2017 20:10	22.15
6/30/2017 20:20	22.09
6/30/2017 20:30	22.03
6/30/2017 20:40	21.96
6/30/2017 20:50	21.88
6/30/2017 21:00	21.82
6/30/2017 21:10	21.75
6/30/2017 21:20	21.68
6/30/2017 21:30	21.61
6/30/2017 21:40	21.55
6/30/2017 21:50	21.48
6/30/2017 22:00	21.41
6/30/2017 22:10	21.34
6/30/2017 22:20	21.28
6/30/2017 22:30	21.22
6/30/2017 22:40	21.15
6/30/2017 22:50	21.08
6/30/2017 23:00	21.02
6/30/2017 23:10	20.95
6/30/2017 23:20	20.89
6/30/2017 23:30	20.82
6/30/2017 23:40	20.76
6/30/2017 23:50	20.70
7/1/2017 0:00	20.64

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/1/2017 0:10	20.58
7/1/2017 0:20	20.53
7/1/2017 0:30	20.48
7/1/2017 0:40	20.43
7/1/2017 0:50	20.38
7/1/2017 1:00	20.33
7/1/2017 1:10	20.28
7/1/2017 1:20	20.24
7/1/2017 1:30	20.20
7/1/2017 1:40	20.16
7/1/2017 1:50	20.12
7/1/2017 2:00	20.07
7/1/2017 2:10	20.04
7/1/2017 2:20	20.00
7/1/2017 2:30	19.96
7/1/2017 2:40	19.93
7/1/2017 2:50	19.89
7/1/2017 3:00	19.85
7/1/2017 3:10	19.82
7/1/2017 3:20	19.78
7/1/2017 3:30	19.73
7/1/2017 3:40	19.69
7/1/2017 3:50	19.65
7/1/2017 4:00	19.61
7/1/2017 4:10	19.58
7/1/2017 4:20	19.53
7/1/2017 4:30	19.50
7/1/2017 4:40	19.46
7/1/2017 4:50	19.42
7/1/2017 5:00	19.38
7/1/2017 5:10	19.34
7/1/2017 5:20	19.31
7/1/2017 5:30	19.27
7/1/2017 5:40	19.24
7/1/2017 5:50	19.22
7/1/2017 6:00	19.20
7/1/2017 6:10	19.18
7/1/2017 6:20	19.15
7/1/2017 6:30	19.14
7/1/2017 6:40	19.13

Date/Time	Temp (°C)
7/1/2017 6:50	19.13
7/1/2017 7:00	19.13
7/1/2017 7:10	19.13
7/1/2017 7:20	19.13
7/1/2017 7:30	19.13
7/1/2017 7:40	19.15
7/1/2017 7:50	19.17
7/1/2017 8:00	19.20
7/1/2017 8:10	19.22
7/1/2017 8:20	19.22
7/1/2017 8:30	19.22
7/1/2017 8:40	19.27
7/1/2017 8:50	19.36
7/1/2017 9:00	19.45
7/1/2017 9:10	19.57
7/1/2017 9:20	19.66
7/1/2017 9:30	19.65
7/1/2017 9:40	19.67
7/1/2017 9:50	19.69
7/1/2017 10:00	19.82
7/1/2017 10:10	19.86
7/1/2017 10:20	19.90
7/1/2017 10:30	19.98
7/1/2017 10:40	20.05
7/1/2017 10:50	20.14
7/1/2017 11:00	20.40
7/1/2017 11:10	20.39
7/1/2017 11:20	20.45
7/1/2017 11:30	20.49
7/1/2017 11:40	20.49
7/1/2017 11:50	20.55
7/1/2017 12:00	20.62
7/1/2017 12:10	20.70
7/1/2017 12:20	20.87
7/1/2017 12:30	20.97
7/1/2017 12:40	20.89
7/1/2017 12:50	20.92
7/1/2017 13:00	20.85
7/1/2017 13:10	20.72
7/1/2017 13:20	19.73

Date/Time	Temp (°C)
7/1/2017 13:30	18.59
7/1/2017 13:40	18.62
7/1/2017 13:50	18.57
7/1/2017 14:00	18.62
7/1/2017 14:10	18.72
7/1/2017 14:20	18.83
7/1/2017 14:30	19.00
7/1/2017 14:40	19.13
7/1/2017 14:50	19.36
7/1/2017 15:00	19.43
7/1/2017 15:10	19.51
7/1/2017 15:20	19.67
7/1/2017 15:30	19.76
7/1/2017 15:40	19.87
7/1/2017 15:50	20.04
7/1/2017 16:00	20.22
7/1/2017 16:10	20.39
7/1/2017 16:20	20.64
7/1/2017 16:30	20.83
7/1/2017 16:40	20.97
7/1/2017 16:50	21.11
7/1/2017 17:00	21.25
7/1/2017 17:10	21.40
7/1/2017 17:20	21.47
7/1/2017 17:30	21.48
7/1/2017 17:40	21.58
7/1/2017 17:50	21.78
7/1/2017 18:00	21.88
7/1/2017 18:10	21.94
7/1/2017 18:20	22.04
7/1/2017 18:30	22.09
7/1/2017 18:40	22.15
7/1/2017 18:50	22.25
7/1/2017 19:00	22.19
7/1/2017 19:10	22.24
7/1/2017 19:20	22.27
7/1/2017 19:30	22.33
7/1/2017 19:40	22.37
7/1/2017 19:50	22.41
7/1/2017 20:00	22.40

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/1/2017 20:10	22.37
7/1/2017 20:20	22.35
7/1/2017 20:30	22.31
7/1/2017 20:40	22.28
7/1/2017 20:50	22.24
7/1/2017 21:00	22.19
7/1/2017 21:10	22.15
7/1/2017 21:20	22.09
7/1/2017 21:30	22.05
7/1/2017 21:40	21.98
7/1/2017 21:50	21.91
7/1/2017 22:00	21.85
7/1/2017 22:10	21.77
7/1/2017 22:20	21.70
7/1/2017 22:30	21.63
7/1/2017 22:40	21.56
7/1/2017 22:50	21.49
7/1/2017 23:00	21.43
7/1/2017 23:10	21.36
7/1/2017 23:20	21.30
7/1/2017 23:30	21.22
7/1/2017 23:40	21.17
7/1/2017 23:50	21.10
7/2/2017 0:00	21.04
7/2/2017 0:10	20.98
7/2/2017 0:20	20.93
7/2/2017 0:30	20.87
7/2/2017 0:40	20.82
7/2/2017 0:50	20.77
7/2/2017 1:00	20.72
7/2/2017 1:10	20.67
7/2/2017 1:20	20.63
7/2/2017 1:30	20.58
7/2/2017 1:40	20.53
7/2/2017 1:50	20.49
7/2/2017 2:00	20.45
7/2/2017 2:10	20.41
7/2/2017 2:20	20.36
7/2/2017 2:30	20.32
7/2/2017 2:40	20.27

Date/Time	Temp (°C)
7/2/2017 2:50	20.22
7/2/2017 3:00	20.18
7/2/2017 3:10	20.13
7/2/2017 3:20	20.08
7/2/2017 3:30	20.03
7/2/2017 3:40	19.99
7/2/2017 3:50	19.94
7/2/2017 4:00	19.90
7/2/2017 4:10	19.84
7/2/2017 4:20	19.81
7/2/2017 4:30	19.75
7/2/2017 4:40	19.70
7/2/2017 4:50	19.67
7/2/2017 5:00	19.63
7/2/2017 5:10	19.59
7/2/2017 5:20	19.55
7/2/2017 5:30	19.52
7/2/2017 5:40	19.48
7/2/2017 5:50	19.44
7/2/2017 6:00	19.41
7/2/2017 6:10	19.38
7/2/2017 6:20	19.34
7/2/2017 6:30	19.30
7/2/2017 6:40	19.28
7/2/2017 6:50	19.25
7/2/2017 7:00	19.23
7/2/2017 7:10	19.21
7/2/2017 7:20	19.18
7/2/2017 7:30	19.17
7/2/2017 7:40	19.17
7/2/2017 7:50	19.17
7/2/2017 8:00	19.17
7/2/2017 8:10	19.18
7/2/2017 8:20	19.19
7/2/2017 8:30	19.21
7/2/2017 8:40	19.23
7/2/2017 8:50	19.28
7/2/2017 9:00	19.35
7/2/2017 9:10	19.42
7/2/2017 9:20	19.52

Date/Time	Temp (°C)
7/2/2017 9:30	19.60
7/2/2017 9:40	19.68
7/2/2017 9:50	19.75
7/2/2017 10:00	19.73
7/2/2017 10:10	19.83
7/2/2017 10:20	19.87
7/2/2017 10:30	20.02
7/2/2017 10:40	20.08
7/2/2017 10:50	20.19
7/2/2017 11:00	20.35
7/2/2017 11:10	20.53
7/2/2017 11:20	20.72
7/2/2017 11:30	20.86
7/2/2017 11:40	21.04
7/2/2017 11:50	21.15
7/2/2017 12:00	21.36
7/2/2017 12:10	21.47
7/2/2017 12:20	21.61
7/2/2017 12:30	21.73
7/2/2017 12:40	21.92
7/2/2017 12:50	22.12
7/2/2017 13:00	22.33
7/2/2017 13:10	22.51
7/2/2017 13:20	22.69
7/2/2017 13:30	23.03
7/2/2017 13:40	23.23
7/2/2017 13:50	23.49
7/2/2017 14:00	23.81
7/2/2017 14:10	24.04
7/2/2017 14:20	24.23
7/2/2017 14:30	24.41
7/2/2017 14:40	24.60
7/2/2017 14:50	24.54
7/2/2017 15:00	24.85
7/2/2017 15:10	24.83
7/2/2017 15:20	24.99
7/2/2017 15:30	24.98
7/2/2017 15:40	25.24
7/2/2017 15:50	25.08
7/2/2017 16:00	25.39

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/2/2017 16:10	25.45
7/2/2017 16:20	24.91
7/2/2017 16:30	24.11
7/2/2017 16:40	22.53
7/2/2017 16:50	21.65
7/2/2017 17:00	21.42
7/2/2017 17:10	21.36
7/2/2017 17:20	21.14
7/2/2017 17:30	21.12
7/2/2017 17:40	21.07
7/2/2017 17:50	21.05
7/2/2017 18:00	21.03
7/2/2017 18:10	21.03
7/2/2017 18:20	20.99
7/2/2017 18:30	20.97
7/2/2017 18:40	21.01
7/2/2017 18:50	21.09
7/2/2017 19:00	21.06
7/2/2017 19:10	20.91
7/2/2017 19:20	20.86
7/2/2017 19:30	20.79
7/2/2017 19:40	20.75
7/2/2017 19:50	20.70
7/2/2017 20:00	20.67
7/2/2017 20:10	20.67
7/2/2017 20:20	20.67
7/2/2017 20:30	20.71
7/2/2017 20:40	20.77
7/2/2017 20:50	20.86
7/2/2017 21:00	20.95
7/2/2017 21:10	21.03
7/2/2017 21:20	21.12
7/2/2017 21:30	21.18
7/2/2017 21:40	21.23
7/2/2017 21:50	21.28
7/2/2017 22:00	21.31
7/2/2017 22:10	21.32
7/2/2017 22:20	21.34
7/2/2017 22:30	21.33
7/2/2017 22:40	21.32

Date/Time	Temp (°C)
7/2/2017 22:50	21.30
7/2/2017 23:00	21.27
7/2/2017 23:10	21.23
7/2/2017 23:20	21.19
7/2/2017 23:30	21.14
7/2/2017 23:40	21.09
7/2/2017 23:50	21.03
7/3/2017 0:00	20.97
7/3/2017 0:10	20.92
7/3/2017 0:20	20.86
7/3/2017 0:30	20.80
7/3/2017 0:40	20.74
7/3/2017 0:50	20.68
7/3/2017 1:00	20.62
7/3/2017 1:10	20.55
7/3/2017 1:20	20.49
7/3/2017 1:30	20.44
7/3/2017 1:40	20.38
7/3/2017 1:50	20.32
7/3/2017 2:00	20.27
7/3/2017 2:10	20.21
7/3/2017 2:20	20.16
7/3/2017 2:30	20.10
7/3/2017 2:40	20.05
7/3/2017 2:50	20.01
7/3/2017 3:00	19.94
7/3/2017 3:10	19.90
7/3/2017 3:20	19.84
7/3/2017 3:30	19.79
7/3/2017 3:40	19.75
7/3/2017 3:50	19.70
7/3/2017 4:00	19.64
7/3/2017 4:10	19.59
7/3/2017 4:20	19.55
7/3/2017 4:30	19.50
7/3/2017 4:40	19.46
7/3/2017 4:50	19.41
7/3/2017 5:00	19.35
7/3/2017 5:10	19.31
7/3/2017 5:20	19.27

Date/Time	Temp (°C)
7/3/2017 5:30	19.21
7/3/2017 5:40	19.17
7/3/2017 5:50	19.12
7/3/2017 6:00	19.08
7/3/2017 6:10	19.03
7/3/2017 6:20	18.98
7/3/2017 6:30	18.95
7/3/2017 6:40	18.91
7/3/2017 6:50	18.88
7/3/2017 7:00	18.83
7/3/2017 7:10	18.79
7/3/2017 7:20	18.77
7/3/2017 7:30	18.74
7/3/2017 7:40	18.73
7/3/2017 7:50	18.71
7/3/2017 8:00	18.72
7/3/2017 8:10	18.72
7/3/2017 8:20	18.70
7/3/2017 8:30	18.73
7/3/2017 8:40	18.76
7/3/2017 8:50	18.81
7/3/2017 9:00	18.89
7/3/2017 9:10	18.98
7/3/2017 9:20	19.10
7/3/2017 9:30	19.20
7/3/2017 9:40	19.32
7/3/2017 9:50	19.40
7/3/2017 10:00	19.54
7/3/2017 10:10	19.63
7/3/2017 10:20	19.73
7/3/2017 10:30	19.86
7/3/2017 10:40	20.00
7/3/2017 10:50	20.11
7/3/2017 11:00	20.24
7/3/2017 11:10	20.40
7/3/2017 11:20	20.61
7/3/2017 11:30	20.79
7/3/2017 11:40	21.01
7/3/2017 11:50	21.23
7/3/2017 12:00	21.39

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/3/2017 12:10	21.55
7/3/2017 12:20	21.75
7/3/2017 12:30	21.88
7/3/2017 12:40	22.03
7/3/2017 12:50	22.19
7/3/2017 13:00	22.42
7/3/2017 13:10	22.17
7/3/2017 13:20	21.11
7/3/2017 13:30	19.79
7/3/2017 13:40	19.77
7/3/2017 13:50	19.73
7/3/2017 14:00	19.72
7/3/2017 14:10	19.76
7/3/2017 14:20	19.79
7/3/2017 14:30	19.77
7/3/2017 14:40	19.79
7/3/2017 14:50	19.76
7/3/2017 15:00	19.72
7/3/2017 15:10	19.81
7/3/2017 15:20	19.82
7/3/2017 15:30	19.82
7/3/2017 15:40	19.85
7/3/2017 15:50	19.83
7/3/2017 16:00	20.12
7/3/2017 16:10	20.32
7/3/2017 16:20	20.56
7/3/2017 16:30	20.82
7/3/2017 16:40	20.93
7/3/2017 16:50	21.08
7/3/2017 17:00	21.27
7/3/2017 17:10	21.20
7/3/2017 17:20	21.51
7/3/2017 17:30	21.67
7/3/2017 17:40	21.75
7/3/2017 17:50	21.83
7/3/2017 18:00	21.88
7/3/2017 18:10	21.94
7/3/2017 18:20	22.00
7/3/2017 18:30	22.03
7/3/2017 18:40	22.03

Date/Time	Temp (°C)
7/3/2017 18:50	22.01
7/3/2017 19:00	22.00
7/3/2017 19:10	21.96
7/3/2017 19:20	21.94
7/3/2017 19:30	21.95
7/3/2017 19:40	21.99
7/3/2017 19:50	22.05
7/3/2017 20:00	22.11
7/3/2017 20:10	22.16
7/3/2017 20:20	22.22
7/3/2017 20:30	22.27
7/3/2017 20:40	22.30
7/3/2017 20:50	22.33
7/3/2017 21:00	22.34
7/3/2017 21:10	22.34
7/3/2017 21:20	22.32
7/3/2017 21:30	22.30
7/3/2017 21:40	22.27
7/3/2017 21:50	22.24
7/3/2017 22:00	22.20
7/3/2017 22:10	22.16
7/3/2017 22:20	22.11
7/3/2017 22:30	22.06
7/3/2017 22:40	22.00
7/3/2017 22:50	21.94
7/3/2017 23:00	21.88
7/3/2017 23:10	21.82
7/3/2017 23:20	21.76
7/3/2017 23:30	21.69
7/3/2017 23:40	21.62
7/3/2017 23:50	21.55
7/4/2017 0:00	21.49
7/4/2017 0:10	21.42
7/4/2017 0:20	21.35
7/4/2017 0:30	21.29
7/4/2017 0:40	21.22
7/4/2017 0:50	21.15
7/4/2017 1:00	21.09
7/4/2017 1:10	21.03
7/4/2017 1:20	20.97

Date/Time	Temp (°C)
7/4/2017 1:30	20.92
7/4/2017 1:40	20.86
7/4/2017 1:50	20.81
7/4/2017 2:00	20.75
7/4/2017 2:10	20.70
7/4/2017 2:20	20.66
7/4/2017 2:30	20.61
7/4/2017 2:40	20.55
7/4/2017 2:50	20.51
7/4/2017 3:00	20.46
7/4/2017 3:10	20.42
7/4/2017 3:20	20.38
7/4/2017 3:30	20.34
7/4/2017 3:40	20.30
7/4/2017 3:50	20.25
7/4/2017 4:00	20.21
7/4/2017 4:10	20.16
7/4/2017 4:20	20.12
7/4/2017 4:30	20.08
7/4/2017 4:40	20.03
7/4/2017 4:50	19.99
7/4/2017 5:00	19.95
7/4/2017 5:10	19.91
7/4/2017 5:20	19.87
7/4/2017 5:30	19.84
7/4/2017 5:40	19.79
7/4/2017 5:50	19.76
7/4/2017 6:00	19.72
7/4/2017 6:10	19.68
7/4/2017 6:20	19.65
7/4/2017 6:30	19.62
7/4/2017 6:40	19.59
7/4/2017 6:50	19.57
7/4/2017 7:00	19.55
7/4/2017 7:10	19.53
7/4/2017 7:20	19.50
7/4/2017 7:30	19.49
7/4/2017 7:40	19.48
7/4/2017 7:50	19.48
7/4/2017 8:00	19.48

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/4/2017 8:10	19.48
7/4/2017 8:20	19.49
7/4/2017 8:30	19.53
7/4/2017 8:40	19.56
7/4/2017 8:50	19.62
7/4/2017 9:00	19.69
7/4/2017 9:10	19.75
7/4/2017 9:20	19.85
7/4/2017 9:30	19.98
7/4/2017 9:40	20.08
7/4/2017 9:50	20.20
7/4/2017 10:00	20.31
7/4/2017 10:10	20.44
7/4/2017 10:20	20.59
7/4/2017 10:30	20.75
7/4/2017 10:40	20.91
7/4/2017 10:50	21.08
7/4/2017 11:00	21.25
7/4/2017 11:10	21.43
7/4/2017 11:20	21.61
7/4/2017 11:30	21.89
7/4/2017 11:40	22.06
7/4/2017 11:50	22.25
7/4/2017 12:00	22.50
7/4/2017 12:10	22.76
7/4/2017 12:20	22.95
7/4/2017 12:30	22.90
7/4/2017 12:40	23.08
7/4/2017 12:50	23.37
7/4/2017 13:00	23.65
7/4/2017 13:10	23.84
7/4/2017 13:20	24.00
7/4/2017 13:30	24.12
7/4/2017 13:40	24.12
7/4/2017 13:50	24.21
7/4/2017 14:00	24.24
7/4/2017 14:10	24.52
7/4/2017 14:20	24.52
7/4/2017 14:30	24.84
7/4/2017 14:40	24.21

Date/Time	Temp (°C)
7/4/2017 14:50	23.25
7/4/2017 15:00	21.12
7/4/2017 15:10	20.40
7/4/2017 15:20	20.13
7/4/2017 15:30	19.93
7/4/2017 15:40	19.82
7/4/2017 15:50	19.62
7/4/2017 16:00	19.61
7/4/2017 16:10	19.55
7/4/2017 16:20	19.54
7/4/2017 16:30	19.48
7/4/2017 16:40	19.64
7/4/2017 16:50	19.76
7/4/2017 17:00	19.98
7/4/2017 17:10	20.10
7/4/2017 17:20	20.32
7/4/2017 17:30	20.30
7/4/2017 17:40	20.29
7/4/2017 17:50	20.46
7/4/2017 18:00	20.45
7/4/2017 18:10	20.48
7/4/2017 18:20	20.56
7/4/2017 18:30	20.58
7/4/2017 18:40	20.54
7/4/2017 18:50	20.54
7/4/2017 19:00	20.54
7/4/2017 19:10	20.58
7/4/2017 19:20	20.54
7/4/2017 19:30	20.49
7/4/2017 19:40	20.47
7/4/2017 19:50	20.48
7/4/2017 20:00	20.51
7/4/2017 20:10	20.55
7/4/2017 20:20	20.59
7/4/2017 20:30	20.66
7/4/2017 20:40	20.76
7/4/2017 20:50	20.86
7/4/2017 21:00	20.97
7/4/2017 21:10	21.08
7/4/2017 21:20	21.19

Date/Time	Temp (°C)
7/4/2017 21:30	21.29
7/4/2017 21:40	21.38
7/4/2017 21:50	21.45
7/4/2017 22:00	21.52
7/4/2017 22:10	21.57
7/4/2017 22:20	21.61
7/4/2017 22:30	21.64
7/4/2017 22:40	21.66
7/4/2017 22:50	21.68
7/4/2017 23:00	21.69
7/4/2017 23:10	21.69
7/4/2017 23:20	21.69
7/4/2017 23:30	21.68
7/4/2017 23:40	21.67
7/4/2017 23:50	21.64
7/5/2017 0:00	21.62
7/5/2017 0:10	21.60
7/5/2017 0:20	21.57
7/5/2017 0:30	21.54
7/5/2017 0:40	21.51
7/5/2017 0:50	21.48
7/5/2017 1:00	21.45
7/5/2017 1:10	21.42
7/5/2017 1:20	21.38
7/5/2017 1:30	21.34
7/5/2017 1:40	21.31
7/5/2017 1:50	21.27
7/5/2017 2:00	21.23
7/5/2017 2:10	21.20
7/5/2017 2:20	21.16
7/5/2017 2:30	21.12
7/5/2017 2:40	21.07
7/5/2017 2:50	21.03
7/5/2017 3:00	20.98
7/5/2017 3:10	20.94
7/5/2017 3:20	20.90
7/5/2017 3:30	20.86
7/5/2017 3:40	20.83
7/5/2017 3:50	20.79
7/5/2017 4:00	20.75

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/5/2017 4:10	20.72
7/5/2017 4:20	20.68
7/5/2017 4:30	20.64
7/5/2017 4:40	20.60
7/5/2017 4:50	20.56
7/5/2017 5:00	20.53
7/5/2017 5:10	20.50
7/5/2017 5:20	20.48
7/5/2017 5:30	20.44
7/5/2017 5:40	20.42
7/5/2017 5:50	20.39
7/5/2017 6:00	20.36
7/5/2017 6:10	20.33
7/5/2017 6:20	20.32
7/5/2017 6:30	20.30
7/5/2017 6:40	20.28
7/5/2017 6:50	20.26
7/5/2017 7:00	20.25
7/5/2017 7:10	20.24
7/5/2017 7:20	20.24
7/5/2017 7:30	20.24
7/5/2017 7:40	20.25
7/5/2017 7:50	20.25
7/5/2017 8:00	20.26
7/5/2017 8:10	20.28
7/5/2017 8:20	20.30
7/5/2017 8:30	20.32
7/5/2017 8:40	20.34
7/5/2017 8:50	20.36
7/5/2017 9:00	20.37
7/5/2017 9:10	20.44
7/5/2017 9:20	20.57
7/5/2017 9:30	20.70
7/5/2017 9:40	20.79
7/5/2017 9:50	20.85
7/5/2017 10:00	20.90
7/5/2017 10:10	20.99
7/5/2017 10:20	21.06
7/5/2017 10:30	21.19
7/5/2017 10:40	21.36

Date/Time	Temp (°C)
7/5/2017 10:50	21.58
7/5/2017 11:00	21.81
7/5/2017 11:10	22.08
7/5/2017 11:20	22.19
7/5/2017 11:30	22.32
7/5/2017 11:40	22.47
7/5/2017 11:50	22.65
7/5/2017 12:00	22.84
7/5/2017 12:10	22.99
7/5/2017 12:20	23.21
7/5/2017 12:30	23.42
7/5/2017 12:40	23.75
7/5/2017 12:50	24.11
7/5/2017 13:00	24.39
7/5/2017 13:10	24.67
7/5/2017 13:20	24.90
7/5/2017 13:30	25.08
7/5/2017 13:40	25.16
7/5/2017 13:50	25.23
7/5/2017 14:00	25.54
7/5/2017 14:10	25.65
7/5/2017 14:20	25.49
7/5/2017 14:30	25.54
7/5/2017 14:40	25.34
7/5/2017 14:50	24.16
7/5/2017 15:00	21.97
7/5/2017 15:10	21.40
7/5/2017 15:20	21.10
7/5/2017 15:30	20.83
7/5/2017 15:40	20.62
7/5/2017 15:50	20.52
7/5/2017 16:00	20.52
7/5/2017 16:10	20.49
7/5/2017 16:20	20.53
7/5/2017 16:30	20.50
7/5/2017 16:40	20.63
7/5/2017 16:50	20.92
7/5/2017 17:00	21.03
7/5/2017 17:10	21.00
7/5/2017 17:20	21.05

Date/Time	Temp (°C)
7/5/2017 17:30	21.12
7/5/2017 17:40	21.29
7/5/2017 17:50	21.49
7/5/2017 18:00	21.59
7/5/2017 18:10	21.70
7/5/2017 18:20	21.77
7/5/2017 18:30	21.81
7/5/2017 18:40	21.89
7/5/2017 18:50	21.83
7/5/2017 19:00	21.82
7/5/2017 19:10	21.80
7/5/2017 19:20	21.77
7/5/2017 19:30	21.73
7/5/2017 19:40	21.72
7/5/2017 19:50	21.69
7/5/2017 20:00	21.64
7/5/2017 20:10	21.58
7/5/2017 20:20	21.52
7/5/2017 20:30	21.48
7/5/2017 20:40	21.46
7/5/2017 20:50	21.47
7/5/2017 21:00	21.50
7/5/2017 21:10	21.54
7/5/2017 21:20	21.60
7/5/2017 21:30	21.66
7/5/2017 21:40	21.71
7/5/2017 21:50	21.76
7/5/2017 22:00	21.82
7/5/2017 22:10	21.87
7/5/2017 22:20	21.90
7/5/2017 22:30	21.92
7/5/2017 22:40	21.95
7/5/2017 22:50	21.96
7/5/2017 23:00	21.96
7/5/2017 23:10	21.96
7/5/2017 23:20	21.95
7/5/2017 23:30	21.95
7/5/2017 23:40	21.93
7/5/2017 23:50	21.92
7/6/2017 0:00	21.90

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/6/2017 0:10	21.88
7/6/2017 0:20	21.86
7/6/2017 0:30	21.84
7/6/2017 0:40	21.81
7/6/2017 0:50	21.79
7/6/2017 1:00	21.76
7/6/2017 1:10	21.73
7/6/2017 1:20	21.70
7/6/2017 1:30	21.67
7/6/2017 1:40	21.63
7/6/2017 1:50	21.60
7/6/2017 2:00	21.58
7/6/2017 2:10	21.54
7/6/2017 2:20	21.51
7/6/2017 2:30	21.48
7/6/2017 2:40	21.45
7/6/2017 2:50	21.43
7/6/2017 3:00	21.40
7/6/2017 3:10	21.39
7/6/2017 3:20	21.36
7/6/2017 3:30	21.34
7/6/2017 3:40	21.32
7/6/2017 3:50	21.31
7/6/2017 4:00	21.29
7/6/2017 4:10	21.27
7/6/2017 4:20	21.25
7/6/2017 4:30	21.23
7/6/2017 4:40	21.21
7/6/2017 4:50	21.20
7/6/2017 5:00	21.18
7/6/2017 5:10	21.15
7/6/2017 5:20	21.13
7/6/2017 5:30	21.11
7/6/2017 5:40	21.09
7/6/2017 5:50	21.07
7/6/2017 6:00	21.05
7/6/2017 6:10	21.04
7/6/2017 6:20	21.01
7/6/2017 6:30	21.00
7/6/2017 6:40	20.99

Date/Time	Temp (°C)
7/6/2017 6:50	20.98
7/6/2017 7:00	20.97
7/6/2017 7:10	20.96
7/6/2017 7:20	20.94
7/6/2017 7:30	20.93
7/6/2017 7:40	20.92
7/6/2017 7:50	20.90
7/6/2017 8:00	20.88
7/6/2017 8:10	20.87
7/6/2017 8:20	20.86
7/6/2017 8:30	20.85
7/6/2017 8:40	20.86
7/6/2017 8:50	20.87
7/6/2017 9:00	20.87
7/6/2017 9:10	20.86
7/6/2017 9:20	20.87
7/6/2017 9:30	20.89
7/6/2017 9:40	20.88
7/6/2017 9:50	20.90
7/6/2017 10:00	20.91
7/6/2017 10:10	20.92
7/6/2017 10:20	20.94
7/6/2017 10:30	20.95
7/6/2017 10:40	20.98
7/6/2017 10:50	21.02
7/6/2017 11:00	21.03
7/6/2017 11:10	21.02
7/6/2017 11:20	21.03
7/6/2017 11:30	21.07
7/6/2017 11:40	21.11
7/6/2017 11:50	21.13
7/6/2017 12:00	21.14
7/6/2017 12:10	21.17
7/6/2017 12:20	21.32
7/6/2017 12:30	21.31
7/6/2017 12:40	21.39
7/6/2017 12:50	21.46
7/6/2017 13:00	21.49
7/6/2017 13:10	21.53
7/6/2017 13:20	21.59

Date/Time	Temp (°C)
7/6/2017 13:30	21.62
7/6/2017 13:40	21.67
7/6/2017 13:50	21.73
7/6/2017 14:00	21.83
7/6/2017 14:10	21.91
7/6/2017 14:20	22.02
7/6/2017 14:30	22.18
7/6/2017 14:40	22.23
7/6/2017 14:50	22.28
7/6/2017 15:00	22.32
7/6/2017 15:10	22.42
7/6/2017 15:20	22.54
7/6/2017 15:30	22.48
7/6/2017 15:40	22.44
7/6/2017 15:50	22.41
7/6/2017 16:00	22.37
7/6/2017 16:10	22.35
7/6/2017 16:20	22.33
7/6/2017 16:30	22.33
7/6/2017 16:40	22.34
7/6/2017 16:50	22.48
7/6/2017 17:00	22.42
7/6/2017 17:10	22.43
7/6/2017 17:20	22.43
7/6/2017 17:30	22.42
7/6/2017 17:40	22.42
7/6/2017 17:50	22.42
7/6/2017 18:00	22.40
7/6/2017 18:10	22.40
7/6/2017 18:20	22.38
7/6/2017 18:30	22.37
7/6/2017 18:40	22.34
7/6/2017 18:50	22.30
7/6/2017 19:00	22.28
7/6/2017 19:10	22.25
7/6/2017 19:20	22.23
7/6/2017 19:30	22.19
7/6/2017 19:40	22.14
7/6/2017 19:50	22.11
7/6/2017 20:00	22.06

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/6/2017 20:10	22.01
7/6/2017 20:20	21.95
7/6/2017 20:30	21.90
7/6/2017 20:40	21.85
7/6/2017 20:50	21.79
7/6/2017 21:00	21.75
7/6/2017 21:10	21.69
7/6/2017 21:20	21.64
7/6/2017 21:30	21.59
7/6/2017 21:40	21.54
7/6/2017 21:50	21.50
7/6/2017 22:00	21.45
7/6/2017 22:10	21.40
7/6/2017 22:20	21.34
7/6/2017 22:30	21.30
7/6/2017 22:40	21.26
7/6/2017 22:50	21.22
7/6/2017 23:00	21.18
7/6/2017 23:10	21.14
7/6/2017 23:20	21.09
7/6/2017 23:30	21.06
7/6/2017 23:40	21.01
7/6/2017 23:50	20.97
7/7/2017 0:00	20.94
7/7/2017 0:10	20.90
7/7/2017 0:20	20.87
7/7/2017 0:30	20.84
7/7/2017 0:40	20.81
7/7/2017 0:50	20.79
7/7/2017 1:00	20.77
7/7/2017 1:10	20.75
7/7/2017 1:20	20.73
7/7/2017 1:30	20.71
7/7/2017 1:40	20.70
7/7/2017 1:50	20.65
7/7/2017 2:00	20.62
7/7/2017 2:10	20.59
7/7/2017 2:20	20.57
7/7/2017 2:30	20.54
7/7/2017 2:40	20.52

Date/Time	Temp (°C)
7/7/2017 2:50	20.49
7/7/2017 3:00	20.44
7/7/2017 3:10	20.38
7/7/2017 3:20	20.28
7/7/2017 3:30	20.23
7/7/2017 3:40	20.21
7/7/2017 3:50	20.19
7/7/2017 4:00	20.15
7/7/2017 4:10	20.12
7/7/2017 4:20	20.03
7/7/2017 4:30	19.98
7/7/2017 4:40	20.00
7/7/2017 4:50	19.99
7/7/2017 5:00	20.00
7/7/2017 5:10	20.00
7/7/2017 5:20	19.99
7/7/2017 5:30	20.01
7/7/2017 5:40	19.99
7/7/2017 5:50	19.99
7/7/2017 6:00	19.98
7/7/2017 6:10	19.97
7/7/2017 6:20	19.96
7/7/2017 6:30	19.96
7/7/2017 6:40	19.95
7/7/2017 6:50	19.95
7/7/2017 7:00	19.94
7/7/2017 7:10	19.94
7/7/2017 7:20	19.94
7/7/2017 7:30	19.93
7/7/2017 7:40	19.92
7/7/2017 7:50	19.91
7/7/2017 8:00	19.90
7/7/2017 8:10	19.91
7/7/2017 8:20	19.93
7/7/2017 8:30	19.96
7/7/2017 8:40	19.99
7/7/2017 8:50	20.03
7/7/2017 9:00	20.06
7/7/2017 9:10	20.10
7/7/2017 9:20	20.15

Date/Time	Temp (°C)
7/7/2017 9:30	20.20
7/7/2017 9:40	20.23
7/7/2017 9:50	20.29
7/7/2017 10:00	20.32
7/7/2017 10:10	20.39
7/7/2017 10:20	20.44
7/7/2017 10:30	20.53
7/7/2017 10:40	20.58
7/7/2017 10:50	20.66
7/7/2017 11:00	20.75
7/7/2017 11:10	20.78
7/7/2017 11:20	20.91
7/7/2017 11:30	21.06
7/7/2017 11:40	21.06
7/7/2017 11:50	21.10
7/7/2017 12:00	21.19
7/7/2017 12:10	21.27
7/7/2017 12:20	21.38
7/7/2017 12:30	21.50
7/7/2017 12:40	21.53
7/7/2017 12:50	20.94
7/7/2017 13:00	19.46
7/7/2017 13:10	19.35
7/7/2017 13:20	19.27
7/7/2017 13:30	19.24
7/7/2017 13:40	19.26
7/7/2017 13:50	19.31
7/7/2017 14:00	19.35
7/7/2017 14:10	19.42
7/7/2017 14:20	19.47
7/7/2017 14:30	19.48
7/7/2017 14:40	19.52
7/7/2017 14:50	19.55
7/7/2017 15:00	19.50
7/7/2017 15:10	19.49
7/7/2017 15:20	19.51
7/7/2017 15:30	19.60
7/7/2017 15:40	19.72
7/7/2017 15:50	19.80
7/7/2017 16:00	19.84

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/7/2017 16:10	20.00
7/7/2017 16:20	20.19
7/7/2017 16:30	20.26
7/7/2017 16:40	20.22
7/7/2017 16:50	20.44
7/7/2017 17:00	20.90
7/7/2017 17:10	21.34
7/7/2017 17:20	21.66
7/7/2017 17:30	21.88
7/7/2017 17:40	22.06
7/7/2017 17:50	22.22
7/7/2017 18:00	22.31
7/7/2017 18:10	22.28
7/7/2017 18:20	22.29
7/7/2017 18:30	22.26
7/7/2017 18:40	22.21
7/7/2017 18:50	22.15
7/7/2017 19:00	22.09
7/7/2017 19:10	22.04
7/7/2017 19:20	21.99
7/7/2017 19:30	21.93
7/7/2017 19:40	21.88
7/7/2017 19:50	21.83
7/7/2017 20:00	21.77
7/7/2017 20:10	21.72
7/7/2017 20:20	21.67
7/7/2017 20:30	21.61
7/7/2017 20:40	21.57
7/7/2017 20:50	21.52
7/7/2017 21:00	21.48
7/7/2017 21:10	21.44
7/7/2017 21:20	21.39
7/7/2017 21:30	21.35
7/7/2017 21:40	21.30
7/7/2017 21:50	21.25
7/7/2017 22:00	21.20
7/7/2017 22:10	21.15
7/7/2017 22:20	21.09
7/7/2017 22:30	21.04
7/7/2017 22:40	20.99

Date/Time	Temp (°C)
7/7/2017 22:50	20.95
7/7/2017 23:00	20.91
7/7/2017 23:10	20.87
7/7/2017 23:20	20.84
7/7/2017 23:30	20.81
7/7/2017 23:40	20.78
7/7/2017 23:50	20.75
7/8/2017 0:00	20.73
7/8/2017 0:10	20.71
7/8/2017 0:20	20.69
7/8/2017 0:30	20.67
7/8/2017 0:40	20.65
7/8/2017 0:50	20.63
7/8/2017 1:00	20.61
7/8/2017 1:10	20.59
7/8/2017 1:20	20.57
7/8/2017 1:30	20.54
7/8/2017 1:40	20.52
7/8/2017 1:50	20.49
7/8/2017 2:00	20.46
7/8/2017 2:10	20.44
7/8/2017 2:20	20.41
7/8/2017 2:30	20.39
7/8/2017 2:40	20.38
7/8/2017 2:50	20.35
7/8/2017 3:00	20.33
7/8/2017 3:10	20.32
7/8/2017 3:20	20.29
7/8/2017 3:30	20.27
7/8/2017 3:40	20.25
7/8/2017 3:50	20.23
7/8/2017 4:00	20.21
7/8/2017 4:10	20.19
7/8/2017 4:20	20.17
7/8/2017 4:30	20.15
7/8/2017 4:40	20.13
7/8/2017 4:50	20.11
7/8/2017 5:00	20.08
7/8/2017 5:10	20.06
7/8/2017 5:20	20.04

Date/Time	Temp (°C)
7/8/2017 5:30	20.01
7/8/2017 5:40	19.98
7/8/2017 5:50	19.97
7/8/2017 6:00	19.94
7/8/2017 6:10	19.92
7/8/2017 6:20	19.90
7/8/2017 6:30	19.88
7/8/2017 6:40	19.85
7/8/2017 6:50	19.83
7/8/2017 7:00	19.82
7/8/2017 7:10	19.81
7/8/2017 7:20	19.79
7/8/2017 7:30	19.77
7/8/2017 7:40	19.75
7/8/2017 7:50	19.74
7/8/2017 8:00	19.72
7/8/2017 8:10	19.69
7/8/2017 8:20	19.67
7/8/2017 8:30	19.66
7/8/2017 8:40	19.65
7/8/2017 8:50	19.63
7/8/2017 9:00	19.62
7/8/2017 9:10	19.63
7/8/2017 9:20	19.66
7/8/2017 9:30	19.69
7/8/2017 9:40	19.75
7/8/2017 9:50	19.79
7/8/2017 10:00	19.78
7/8/2017 10:10	19.76
7/8/2017 10:20	19.74
7/8/2017 10:30	19.72
7/8/2017 10:40	19.74
7/8/2017 10:50	19.77
7/8/2017 11:00	19.80
7/8/2017 11:10	19.88
7/8/2017 11:20	19.96
7/8/2017 11:30	19.98
7/8/2017 11:40	20.01
7/8/2017 11:50	20.07
7/8/2017 12:00	20.23

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/8/2017 12:10	20.33
7/8/2017 12:20	20.45
7/8/2017 12:30	20.49
7/8/2017 12:40	20.51
7/8/2017 12:50	20.55
7/8/2017 13:00	20.57
7/8/2017 13:10	20.18
7/8/2017 13:20	19.43
7/8/2017 13:30	18.87
7/8/2017 13:40	18.65
7/8/2017 13:50	18.54
7/8/2017 14:00	18.47
7/8/2017 14:10	18.55
7/8/2017 14:20	18.63
7/8/2017 14:30	18.64
7/8/2017 14:40	18.68
7/8/2017 14:50	18.72
7/8/2017 15:00	18.73
7/8/2017 15:10	18.83
7/8/2017 15:20	18.90
7/8/2017 15:30	18.94
7/8/2017 15:40	19.03
7/8/2017 15:50	19.07
7/8/2017 16:00	19.28
7/8/2017 16:10	19.36
7/8/2017 16:20	19.45
7/8/2017 16:30	19.59
7/8/2017 16:40	19.65
7/8/2017 16:50	19.88
7/8/2017 17:00	20.15
7/8/2017 17:10	20.33
7/8/2017 17:20	20.44
7/8/2017 17:30	20.58
7/8/2017 17:40	20.69
7/8/2017 17:50	20.78
7/8/2017 18:00	20.83
7/8/2017 18:10	20.90
7/8/2017 18:20	20.91
7/8/2017 18:30	20.90
7/8/2017 18:40	20.85

Date/Time	Temp (°C)
7/8/2017 18:50	20.78
7/8/2017 19:00	20.74
7/8/2017 19:10	20.68
7/8/2017 19:20	20.61
7/8/2017 19:30	20.55
7/8/2017 19:40	20.49
7/8/2017 19:50	20.45
7/8/2017 20:00	20.40
7/8/2017 20:10	20.36
7/8/2017 20:20	20.31
7/8/2017 20:30	20.28
7/8/2017 20:40	20.24
7/8/2017 20:50	20.21
7/8/2017 21:00	20.19
7/8/2017 21:10	20.16
7/8/2017 21:20	20.13
7/8/2017 21:30	20.08
7/8/2017 21:40	20.06
7/8/2017 21:50	20.03
7/8/2017 22:00	19.99
7/8/2017 22:10	19.96
7/8/2017 22:20	19.93
7/8/2017 22:30	19.88
7/8/2017 22:40	19.85
7/8/2017 22:50	19.82
7/8/2017 23:00	19.78
7/8/2017 23:10	19.75
7/8/2017 23:20	19.71
7/8/2017 23:30	19.69
7/8/2017 23:40	19.66
7/8/2017 23:50	19.63
7/9/2017 0:00	19.61
7/9/2017 0:10	19.58
7/9/2017 0:20	19.55
7/9/2017 0:30	19.53
7/9/2017 0:40	19.50
7/9/2017 0:50	19.49
7/9/2017 1:00	19.46
7/9/2017 1:10	19.42
7/9/2017 1:20	19.40

Date/Time	Temp (°C)
7/9/2017 1:30	19.39
7/9/2017 1:40	19.36
7/9/2017 1:50	19.34
7/9/2017 2:00	19.32
7/9/2017 2:10	19.30
7/9/2017 2:20	19.28
7/9/2017 2:30	19.26
7/9/2017 2:40	19.24
7/9/2017 2:50	19.21
7/9/2017 3:00	19.19
7/9/2017 3:10	19.17
7/9/2017 3:20	19.15
7/9/2017 3:30	19.13
7/9/2017 3:40	19.11
7/9/2017 3:50	19.10
7/9/2017 4:00	19.08
7/9/2017 4:10	19.06
7/9/2017 4:20	19.04
7/9/2017 4:30	19.02
7/9/2017 4:40	19.01
7/9/2017 4:50	19.00
7/9/2017 5:00	18.97
7/9/2017 5:10	18.96
7/9/2017 5:20	18.93
7/9/2017 5:30	18.91
7/9/2017 5:40	18.90
7/9/2017 5:50	18.88
7/9/2017 6:00	18.86
7/9/2017 6:10	18.84
7/9/2017 6:20	18.81
7/9/2017 6:30	18.78
7/9/2017 6:40	18.76
7/9/2017 6:50	18.74
7/9/2017 7:00	18.71
7/9/2017 7:10	18.69
7/9/2017 7:20	18.66
7/9/2017 7:30	18.65
7/9/2017 7:40	18.63
7/9/2017 7:50	18.63
7/9/2017 8:00	18.60

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/9/2017 8:10	18.60
7/9/2017 8:20	18.60
7/9/2017 8:30	18.60
7/9/2017 8:40	18.58
7/9/2017 8:50	18.58
7/9/2017 9:00	18.59
7/9/2017 9:10	18.62
7/9/2017 9:20	18.64
7/9/2017 9:30	18.67
7/9/2017 9:40	18.72
7/9/2017 9:50	18.78
7/9/2017 10:00	18.84
7/9/2017 10:10	18.92
7/9/2017 10:20	18.99
7/9/2017 10:30	19.07
7/9/2017 10:40	19.18
7/9/2017 10:50	19.23
7/9/2017 11:00	19.35
7/9/2017 11:10	19.47
7/9/2017 11:20	19.56
7/9/2017 11:30	19.54
7/9/2017 11:40	19.67
7/9/2017 11:50	19.82
7/9/2017 12:00	19.93
7/9/2017 12:10	20.08
7/9/2017 12:20	20.27
7/9/2017 12:30	20.41
7/9/2017 12:40	20.51
7/9/2017 12:50	20.58
7/9/2017 13:00	20.73
7/9/2017 13:10	20.83
7/9/2017 13:20	21.02
7/9/2017 13:30	21.10
7/9/2017 13:40	21.23
7/9/2017 13:50	21.40
7/9/2017 14:00	21.50
7/9/2017 14:10	21.66
7/9/2017 14:20	21.69
7/9/2017 14:30	21.85
7/9/2017 14:40	22.08

Date/Time	Temp (°C)
7/9/2017 14:50	22.23
7/9/2017 15:00	22.20
7/9/2017 15:10	22.33
7/9/2017 15:20	22.36
7/9/2017 15:30	22.48
7/9/2017 15:40	22.59
7/9/2017 15:50	22.73
7/9/2017 16:00	22.79
7/9/2017 16:10	22.98
7/9/2017 16:20	23.18
7/9/2017 16:30	23.31
7/9/2017 16:40	23.29
7/9/2017 16:50	23.30
7/9/2017 17:00	23.34
7/9/2017 17:10	23.35
7/9/2017 17:20	23.27
7/9/2017 17:30	23.18
7/9/2017 17:40	23.15
7/9/2017 17:50	23.08
7/9/2017 18:00	23.09
7/9/2017 18:10	23.00
7/9/2017 18:20	22.94
7/9/2017 18:30	22.83
7/9/2017 18:40	22.74
7/9/2017 18:50	22.64
7/9/2017 19:00	22.54
7/9/2017 19:10	22.45
7/9/2017 19:20	22.32
7/9/2017 19:30	22.13
7/9/2017 19:40	21.99
7/9/2017 19:50	21.84
7/9/2017 20:00	21.69
7/9/2017 20:10	21.54
7/9/2017 20:20	21.40
7/9/2017 20:30	21.27
7/9/2017 20:40	21.14
7/9/2017 20:50	21.02
7/9/2017 21:00	20.91
7/9/2017 21:10	20.81
7/9/2017 21:20	20.71

Date/Time	Temp (°C)
7/9/2017 21:30	20.62
7/9/2017 21:40	20.54
7/9/2017 21:50	20.45
7/9/2017 22:00	20.38
7/9/2017 22:10	20.31
7/9/2017 22:20	20.23
7/9/2017 22:30	20.16
7/9/2017 22:40	20.10
7/9/2017 22:50	20.04
7/9/2017 23:00	19.97
7/9/2017 23:10	19.91
7/9/2017 23:20	19.85
7/9/2017 23:30	19.80
7/9/2017 23:40	19.75
7/9/2017 23:50	19.69
7/10/2017 0:00	19.65
7/10/2017 0:10	19.60
7/10/2017 0:20	19.56
7/10/2017 0:30	19.52
7/10/2017 0:40	19.47
7/10/2017 0:50	19.43
7/10/2017 1:00	19.39
7/10/2017 1:10	19.35
7/10/2017 1:20	19.32
7/10/2017 1:30	19.27
7/10/2017 1:40	19.24
7/10/2017 1:50	19.19
7/10/2017 2:00	19.16
7/10/2017 2:10	19.12
7/10/2017 2:20	19.09
7/10/2017 2:30	19.06
7/10/2017 2:40	19.02
7/10/2017 2:50	18.98
7/10/2017 3:00	18.94
7/10/2017 3:10	18.91
7/10/2017 3:20	18.87
7/10/2017 3:30	18.83
7/10/2017 3:40	18.80
7/10/2017 3:50	18.75
7/10/2017 4:00	18.70

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/10/2017 4:10	18.66
7/10/2017 4:20	18.63
7/10/2017 4:30	18.59
7/10/2017 4:40	18.55
7/10/2017 4:50	18.51
7/10/2017 5:00	18.48
7/10/2017 5:10	18.44
7/10/2017 5:20	18.39
7/10/2017 5:30	18.36
7/10/2017 5:40	18.31
7/10/2017 5:50	18.28
7/10/2017 6:00	18.26
7/10/2017 6:10	18.23
7/10/2017 6:20	18.20
7/10/2017 6:30	18.18
7/10/2017 6:40	18.16
7/10/2017 6:50	18.13
7/10/2017 7:00	18.11
7/10/2017 7:10	18.08
7/10/2017 7:20	18.05
7/10/2017 7:30	18.03
7/10/2017 7:40	18.01
7/10/2017 7:50	17.99
7/10/2017 8:00	17.98
7/10/2017 8:10	17.97
7/10/2017 8:20	17.98
7/10/2017 8:30	17.99
7/10/2017 8:40	18.02
7/10/2017 8:50	18.07
7/10/2017 9:00	18.14
7/10/2017 9:10	18.22
7/10/2017 9:20	18.28
7/10/2017 9:30	18.36
7/10/2017 9:40	18.43
7/10/2017 9:50	18.51
7/10/2017 10:00	18.56
7/10/2017 10:10	18.62
7/10/2017 10:20	18.73
7/10/2017 10:30	18.84
7/10/2017 10:40	18.98

Date/Time	Temp (°C)
7/10/2017 10:50	19.13
7/10/2017 11:00	19.29
7/10/2017 11:10	19.43
7/10/2017 11:20	19.55
7/10/2017 11:30	19.70
7/10/2017 11:40	19.88
7/10/2017 11:50	20.06
7/10/2017 12:00	20.25
7/10/2017 12:10	20.42
7/10/2017 12:20	20.63
7/10/2017 12:30	20.76
7/10/2017 12:40	20.93
7/10/2017 12:50	21.00
7/10/2017 13:00	20.83
7/10/2017 13:10	20.01
7/10/2017 13:20	18.92
7/10/2017 13:30	19.11
7/10/2017 13:40	19.19
7/10/2017 13:50	19.20
7/10/2017 14:00	19.22
7/10/2017 14:10	19.18
7/10/2017 14:20	19.09
7/10/2017 14:30	19.06
7/10/2017 14:40	19.08
7/10/2017 14:50	19.08
7/10/2017 15:00	19.00
7/10/2017 15:10	18.95
7/10/2017 15:20	18.91
7/10/2017 15:30	18.87
7/10/2017 15:40	18.85
7/10/2017 15:50	18.84
7/10/2017 16:00	18.87
7/10/2017 16:10	18.90
7/10/2017 16:20	18.91
7/10/2017 16:30	19.01
7/10/2017 16:40	19.06
7/10/2017 16:50	19.10
7/10/2017 17:00	19.12
7/10/2017 17:10	19.18
7/10/2017 17:20	19.23

Date/Time	Temp (°C)
7/10/2017 17:30	19.46
7/10/2017 17:40	19.49
7/10/2017 17:50	19.47
7/10/2017 18:00	19.50
7/10/2017 18:10	19.58
7/10/2017 18:20	19.75
7/10/2017 18:30	19.94
7/10/2017 18:40	20.13
7/10/2017 18:50	20.31
7/10/2017 19:00	20.44
7/10/2017 19:10	20.54
7/10/2017 19:20	20.61
7/10/2017 19:30	20.66
7/10/2017 19:40	20.71
7/10/2017 19:50	20.75
7/10/2017 20:00	20.76
7/10/2017 20:10	20.78
7/10/2017 20:20	20.70
7/10/2017 20:30	20.71
7/10/2017 20:40	20.69
7/10/2017 20:50	20.66
7/10/2017 21:00	20.65
7/10/2017 21:10	20.62
7/10/2017 21:20	20.59
7/10/2017 21:30	20.57
7/10/2017 21:40	20.52
7/10/2017 21:50	20.49
7/10/2017 22:00	20.44
7/10/2017 22:10	20.39
7/10/2017 22:20	20.35
7/10/2017 22:30	20.30
7/10/2017 22:40	20.26
7/10/2017 22:50	20.21
7/10/2017 23:00	20.15
7/10/2017 23:10	20.11
7/10/2017 23:20	20.06
7/10/2017 23:30	20.01
7/10/2017 23:40	19.96
7/10/2017 23:50	19.92
7/11/2017 0:00	19.87

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/11/2017 0:10	19.84
7/11/2017 0:20	19.80
7/11/2017 0:30	19.77
7/11/2017 0:40	19.73
7/11/2017 0:50	19.70
7/11/2017 1:00	19.67
7/11/2017 1:10	19.64
7/11/2017 1:20	19.62
7/11/2017 1:30	19.60
7/11/2017 1:40	19.57
7/11/2017 1:50	19.54
7/11/2017 2:00	19.52
7/11/2017 2:10	19.49
7/11/2017 2:20	19.46
7/11/2017 2:30	19.43
7/11/2017 2:40	19.41
7/11/2017 2:50	19.38
7/11/2017 3:00	19.35
7/11/2017 3:10	19.31
7/11/2017 3:20	19.29
7/11/2017 3:30	19.25
7/11/2017 3:40	19.23
7/11/2017 3:50	19.20
7/11/2017 4:00	19.16
7/11/2017 4:10	19.14
7/11/2017 4:20	19.11
7/11/2017 4:30	19.08
7/11/2017 4:40	19.06
7/11/2017 4:50	19.04
7/11/2017 5:00	19.01
7/11/2017 5:10	18.99
7/11/2017 5:20	18.97
7/11/2017 5:30	18.94
7/11/2017 5:40	18.92
7/11/2017 5:50	18.91
7/11/2017 6:00	18.89
7/11/2017 6:10	18.86
7/11/2017 6:20	18.84
7/11/2017 6:30	18.82
7/11/2017 6:40	18.81

Date/Time	Temp (°C)
7/11/2017 6:50	18.80
7/11/2017 7:00	18.79
7/11/2017 7:10	18.78
7/11/2017 7:20	18.78
7/11/2017 7:30	18.78
7/11/2017 7:40	18.78
7/11/2017 7:50	18.77
7/11/2017 8:00	18.78
7/11/2017 8:10	18.78
7/11/2017 8:20	18.79
7/11/2017 8:30	18.79
7/11/2017 8:40	18.80
7/11/2017 8:50	18.81
7/11/2017 9:00	18.84
7/11/2017 9:10	18.85
7/11/2017 9:20	18.87
7/11/2017 9:30	18.90
7/11/2017 9:40	18.95
7/11/2017 9:50	19.01
7/11/2017 10:00	19.12
7/11/2017 10:10	19.22
7/11/2017 10:20	19.30
7/11/2017 10:30	19.42
7/11/2017 10:40	19.56
7/11/2017 10:50	19.73
7/11/2017 11:00	19.91
7/11/2017 11:10	20.07
7/11/2017 11:20	20.24
7/11/2017 11:30	20.40
7/11/2017 11:40	20.58
7/11/2017 11:50	20.75
7/11/2017 12:00	20.93
7/11/2017 12:10	21.10
7/11/2017 12:20	21.29
7/11/2017 12:30	21.42
7/11/2017 12:40	21.59
7/11/2017 12:50	21.65
7/11/2017 13:00	21.64
7/11/2017 13:10	21.72
7/11/2017 13:20	21.83

Date/Time	Temp (°C)
7/11/2017 13:30	22.05
7/11/2017 13:40	22.17
7/11/2017 13:50	22.16
7/11/2017 14:00	22.19
7/11/2017 14:10	22.22
7/11/2017 14:20	22.46
7/11/2017 14:30	22.47
7/11/2017 14:40	22.51
7/11/2017 14:50	22.53
7/11/2017 15:00	22.46
7/11/2017 15:10	22.33
7/11/2017 15:20	22.17
7/11/2017 15:30	21.11
7/11/2017 15:40	19.98
7/11/2017 15:50	19.46
7/11/2017 16:00	19.32
7/11/2017 16:10	19.20
7/11/2017 16:20	19.08
7/11/2017 16:30	18.90
7/11/2017 16:40	18.77
7/11/2017 16:50	18.76
7/11/2017 17:00	18.81
7/11/2017 17:10	18.66
7/11/2017 17:20	18.54
7/11/2017 17:30	18.46
7/11/2017 17:40	18.34
7/11/2017 17:50	18.06
7/11/2017 18:00	17.84
7/11/2017 18:10	17.83
7/11/2017 18:20	17.96
7/11/2017 18:30	18.04
7/11/2017 18:40	18.02
7/11/2017 18:50	17.96
7/11/2017 19:00	17.93
7/11/2017 19:10	17.89
7/11/2017 19:20	17.86
7/11/2017 19:30	17.84
7/11/2017 19:40	17.82
7/11/2017 19:50	17.78
7/11/2017 20:00	17.76

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/11/2017 20:10	17.73
7/11/2017 20:20	17.72
7/11/2017 20:30	17.74
7/11/2017 20:40	17.96
7/11/2017 20:50	18.31
7/11/2017 21:00	18.68
7/11/2017 21:10	18.98
7/11/2017 21:20	19.25
7/11/2017 21:30	19.47
7/11/2017 21:40	19.68
7/11/2017 21:50	19.82
7/11/2017 22:00	19.95
7/11/2017 22:10	20.07
7/11/2017 22:20	20.16
7/11/2017 22:30	20.24
7/11/2017 22:40	20.29
7/11/2017 22:50	20.33
7/11/2017 23:00	20.37
7/11/2017 23:10	20.39
7/11/2017 23:20	20.41
7/11/2017 23:30	20.41
7/11/2017 23:40	20.41
7/11/2017 23:50	20.41
7/12/2017 0:00	20.41
7/12/2017 0:10	20.40
7/12/2017 0:20	20.40
7/12/2017 0:30	20.39
7/12/2017 0:40	20.39
7/12/2017 0:50	20.39
7/12/2017 1:00	20.39
7/12/2017 1:10	20.39
7/12/2017 1:20	20.39
7/12/2017 1:30	20.38
7/12/2017 1:40	20.37
7/12/2017 1:50	20.36
7/12/2017 2:00	20.35
7/12/2017 2:10	20.35
7/12/2017 2:20	20.35
7/12/2017 2:30	20.34
7/12/2017 2:40	20.33

Date/Time	Temp (°C)
7/12/2017 2:50	20.32
7/12/2017 3:00	20.31
7/12/2017 3:10	20.30
7/12/2017 3:20	20.29
7/12/2017 3:30	20.28
7/12/2017 3:40	20.27
7/12/2017 3:50	20.26
7/12/2017 4:00	20.24
7/12/2017 4:10	20.22
7/12/2017 4:20	20.21
7/12/2017 4:30	20.20
7/12/2017 4:40	20.18
7/12/2017 4:50	20.16
7/12/2017 5:00	20.15
7/12/2017 5:10	20.14
7/12/2017 5:20	20.13
7/12/2017 5:30	20.11
7/12/2017 5:40	20.09
7/12/2017 5:50	20.08
7/12/2017 6:00	20.06
7/12/2017 6:10	20.04
7/12/2017 6:20	20.04
7/12/2017 6:30	20.03
7/12/2017 6:40	20.02
7/12/2017 6:50	20.02
7/12/2017 7:00	20.02
7/12/2017 7:10	20.02
7/12/2017 7:20	20.02
7/12/2017 7:30	20.03
7/12/2017 7:40	20.06
7/12/2017 7:50	20.09
7/12/2017 8:00	20.10
7/12/2017 8:10	20.12
7/12/2017 8:20	20.15
7/12/2017 8:30	20.17
7/12/2017 8:40	20.18
7/12/2017 8:50	20.19
7/12/2017 9:00	20.22
7/12/2017 9:10	20.25
7/12/2017 9:20	20.29

Date/Time	Temp (°C)
7/12/2017 9:30	20.33
7/12/2017 9:40	20.36
7/12/2017 9:50	20.37
7/12/2017 10:00	20.39
7/12/2017 10:10	20.42
7/12/2017 10:20	20.47
7/12/2017 10:30	20.53
7/12/2017 10:40	20.59
7/12/2017 10:50	20.69
7/12/2017 11:00	20.79
7/12/2017 11:10	20.94
7/12/2017 11:20	21.03
7/12/2017 11:30	21.12
7/12/2017 11:40	21.19
7/12/2017 11:50	21.36
7/12/2017 12:00	21.48
7/12/2017 12:10	21.61
7/12/2017 12:20	21.75
7/12/2017 12:30	21.84
7/12/2017 12:40	21.86
7/12/2017 12:50	21.95
7/12/2017 13:00	22.12
7/12/2017 13:10	22.30
7/12/2017 13:20	22.50
7/12/2017 13:30	22.69
7/12/2017 13:40	22.84
7/12/2017 13:50	23.02
7/12/2017 14:00	23.19
7/12/2017 14:10	23.28
7/12/2017 14:20	23.35
7/12/2017 14:30	23.43
7/12/2017 14:40	23.68
7/12/2017 14:50	23.82
7/12/2017 15:00	23.94
7/12/2017 15:10	24.02
7/12/2017 15:20	24.13
7/12/2017 15:30	24.23
7/12/2017 15:40	24.33
7/12/2017 15:50	24.43
7/12/2017 16:00	24.53

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/12/2017 16:10	24.58
7/12/2017 16:20	24.67
7/12/2017 16:30	24.71
7/12/2017 16:40	24.78
7/12/2017 16:50	24.79
7/12/2017 17:00	24.77
7/12/2017 17:10	24.79
7/12/2017 17:20	24.77
7/12/2017 17:30	24.77
7/12/2017 17:40	24.73
7/12/2017 17:50	24.70
7/12/2017 18:00	24.67
7/12/2017 18:10	24.64
7/12/2017 18:20	24.60
7/12/2017 18:30	24.52
7/12/2017 18:40	24.45
7/12/2017 18:50	24.36
7/12/2017 19:00	24.24
7/12/2017 19:10	24.12
7/12/2017 19:20	23.99
7/12/2017 19:30	23.85
7/12/2017 19:40	23.70
7/12/2017 19:50	23.56
7/12/2017 20:00	23.42
7/12/2017 20:10	23.29
7/12/2017 20:20	23.18
7/12/2017 20:30	23.07
7/12/2017 20:40	22.96
7/12/2017 20:50	22.86
7/12/2017 21:00	22.76
7/12/2017 21:10	22.67
7/12/2017 21:20	22.59
7/12/2017 21:30	22.50
7/12/2017 21:40	22.42
7/12/2017 21:50	22.34
7/12/2017 22:00	22.27
7/12/2017 22:10	22.20
7/12/2017 22:20	22.13
7/12/2017 22:30	22.06
7/12/2017 22:40	21.99

Date/Time	Temp (°C)
7/12/2017 22:50	21.92
7/12/2017 23:00	21.86
7/12/2017 23:10	21.81
7/12/2017 23:20	21.75
7/12/2017 23:30	21.71
7/12/2017 23:40	21.66
7/12/2017 23:50	21.62
7/13/2017 0:00	21.58
7/13/2017 0:10	21.54
7/13/2017 0:20	21.50
7/13/2017 0:30	21.46
7/13/2017 0:40	21.43
7/13/2017 0:50	21.40
7/13/2017 1:00	21.37
7/13/2017 1:10	21.34
7/13/2017 1:20	21.31
7/13/2017 1:30	21.28
7/13/2017 1:40	21.26
7/13/2017 1:50	21.23
7/13/2017 2:00	21.20
7/13/2017 2:10	21.17
7/13/2017 2:20	21.15
7/13/2017 2:30	21.12
7/13/2017 2:40	21.09
7/13/2017 2:50	21.07
7/13/2017 3:00	21.05
7/13/2017 3:10	21.03
7/13/2017 3:20	21.00
7/13/2017 3:30	20.98
7/13/2017 3:40	20.96
7/13/2017 3:50	20.94
7/13/2017 4:00	20.91
7/13/2017 4:10	20.90
7/13/2017 4:20	20.88
7/13/2017 4:30	20.86
7/13/2017 4:40	20.84
7/13/2017 4:50	20.82
7/13/2017 5:00	20.80
7/13/2017 5:10	20.79
7/13/2017 5:20	20.77

Date/Time	Temp (°C)
7/13/2017 5:30	20.75
7/13/2017 5:40	20.73
7/13/2017 5:50	20.72
7/13/2017 6:00	20.71
7/13/2017 6:10	20.69
7/13/2017 6:20	20.69
7/13/2017 6:30	20.67
7/13/2017 6:40	20.66
7/13/2017 6:50	20.65
7/13/2017 7:00	20.66
7/13/2017 7:10	20.67
7/13/2017 7:20	20.67
7/13/2017 7:30	20.68
7/13/2017 7:40	20.69
7/13/2017 7:50	20.70
7/13/2017 8:00	20.71
7/13/2017 8:10	20.72
7/13/2017 8:20	20.73
7/13/2017 8:30	20.76
7/13/2017 8:40	20.77
7/13/2017 8:50	20.79
7/13/2017 9:00	20.81
7/13/2017 9:10	20.83
7/13/2017 9:20	20.86
7/13/2017 9:30	20.89
7/13/2017 9:40	20.94
7/13/2017 9:50	20.99
7/13/2017 10:00	21.05
7/13/2017 10:10	21.10
7/13/2017 10:20	21.17
7/13/2017 10:30	21.25
7/13/2017 10:40	21.36
7/13/2017 10:50	21.50
7/13/2017 11:00	21.60
7/13/2017 11:10	21.67
7/13/2017 11:20	21.73
7/13/2017 11:30	21.78
7/13/2017 11:40	21.85
7/13/2017 11:50	21.89
7/13/2017 12:00	21.97

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/13/2017 12:10	22.03
7/13/2017 12:20	22.10
7/13/2017 12:30	22.18
7/13/2017 12:40	22.23
7/13/2017 12:50	22.33
7/13/2017 13:00	22.38
7/13/2017 13:10	22.45
7/13/2017 13:20	22.53
7/13/2017 13:30	22.65
7/13/2017 13:40	22.73
7/13/2017 13:50	22.74
7/13/2017 14:00	22.76
7/13/2017 14:10	22.83
7/13/2017 14:20	22.91
7/13/2017 14:30	23.02
7/13/2017 14:40	23.11
7/13/2017 14:50	23.39
7/13/2017 15:00	23.33
7/13/2017 15:10	23.39
7/13/2017 15:20	23.44
7/13/2017 15:30	23.51
7/13/2017 15:40	23.50
7/13/2017 15:50	23.46
7/13/2017 16:00	23.30
7/13/2017 16:10	23.13
7/13/2017 16:20	22.95
7/13/2017 16:30	21.76
7/13/2017 16:40	20.58
7/13/2017 16:50	19.90
7/13/2017 17:00	19.49
7/13/2017 17:10	19.21
7/13/2017 17:20	18.96
7/13/2017 17:30	18.87
7/13/2017 17:40	18.84
7/13/2017 17:50	18.57
7/13/2017 18:00	18.30
7/13/2017 18:10	18.20
7/13/2017 18:20	18.09
7/13/2017 18:30	18.13
7/13/2017 18:40	18.16

Date/Time	Temp (°C)
7/13/2017 18:50	18.17
7/13/2017 19:00	18.11
7/13/2017 19:10	18.06
7/13/2017 19:20	17.96
7/13/2017 19:30	17.88
7/13/2017 19:40	17.89
7/13/2017 19:50	17.91
7/13/2017 20:00	17.94
7/13/2017 20:10	17.93
7/13/2017 20:20	17.91
7/13/2017 20:30	17.91
7/13/2017 20:40	17.91
7/13/2017 20:50	17.92
7/13/2017 21:00	17.93
7/13/2017 21:10	17.96
7/13/2017 21:20	17.96
7/13/2017 21:30	17.98
7/13/2017 21:40	17.97
7/13/2017 21:50	17.97
7/13/2017 22:00	18.00
7/13/2017 22:10	18.12
7/13/2017 22:20	18.39
7/13/2017 22:30	18.69
7/13/2017 22:40	19.02
7/13/2017 22:50	19.28
7/13/2017 23:00	19.53
7/13/2017 23:10	19.74
7/13/2017 23:20	19.91
7/13/2017 23:30	20.07
7/13/2017 23:40	20.19
7/13/2017 23:50	20.30
7/14/2017 0:00	20.39
7/14/2017 0:10	20.47
7/14/2017 0:20	20.54
7/14/2017 0:30	20.59
7/14/2017 0:40	20.63
7/14/2017 0:50	20.67
7/14/2017 1:00	20.70
7/14/2017 1:10	20.72
7/14/2017 1:20	20.74

Date/Time	Temp (°C)
7/14/2017 1:30	20.76
7/14/2017 1:40	20.76
7/14/2017 1:50	20.76
7/14/2017 2:00	20.76
7/14/2017 2:10	20.76
7/14/2017 2:20	20.76
7/14/2017 2:30	20.76
7/14/2017 2:40	20.76
7/14/2017 2:50	20.76
7/14/2017 3:00	20.76
7/14/2017 3:10	20.76
7/14/2017 3:20	20.76
7/14/2017 3:30	20.77
7/14/2017 3:40	20.76
7/14/2017 3:50	20.76
7/14/2017 4:00	20.76
7/14/2017 4:10	20.76
7/14/2017 4:20	20.76
7/14/2017 4:30	20.76
7/14/2017 4:40	20.75
7/14/2017 4:50	20.74
7/14/2017 5:00	20.73
7/14/2017 5:10	20.72
7/14/2017 5:20	20.71
7/14/2017 5:30	20.70
7/14/2017 5:40	20.69
7/14/2017 5:50	20.68
7/14/2017 6:00	20.67
7/14/2017 6:10	20.65
7/14/2017 6:20	20.64
7/14/2017 6:30	20.64
7/14/2017 6:40	20.62
7/14/2017 6:50	20.61
7/14/2017 7:00	20.60
7/14/2017 7:10	20.61
7/14/2017 7:20	20.60
7/14/2017 7:30	20.60
7/14/2017 7:40	20.59
7/14/2017 7:50	20.59
7/14/2017 8:00	20.58

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/14/2017 8:10	20.59
7/14/2017 8:20	20.59
7/14/2017 8:30	20.60
7/14/2017 8:40	20.58
7/14/2017 8:50	20.60
7/14/2017 9:00	20.61
7/14/2017 9:10	20.62
7/14/2017 9:20	20.61
7/14/2017 9:30	20.60
7/14/2017 9:40	20.60
7/14/2017 9:50	20.60
7/14/2017 10:00	20.62
7/14/2017 10:10	20.65
7/14/2017 10:20	20.70
7/14/2017 10:30	20.75
7/14/2017 10:40	20.86
7/14/2017 10:50	20.93
7/14/2017 11:00	20.97
7/14/2017 11:10	21.05
7/14/2017 11:20	21.11
7/14/2017 11:30	21.12
7/14/2017 11:40	21.19
7/14/2017 11:50	21.17
7/14/2017 12:00	21.19
7/14/2017 12:10	21.20
7/14/2017 12:20	21.27
7/14/2017 12:30	21.44
7/14/2017 12:40	21.58
7/14/2017 12:50	21.67
7/14/2017 13:00	20.21
7/14/2017 13:10	19.08
7/14/2017 13:20	19.07
7/14/2017 13:30	18.92
7/14/2017 13:40	18.77
7/14/2017 13:50	18.72
7/14/2017 14:00	18.74
7/14/2017 14:10	18.76
7/14/2017 14:20	18.77
7/14/2017 14:30	18.71
7/14/2017 14:40	18.65

Date/Time	Temp (°C)
7/14/2017 14:50	18.57
7/14/2017 15:00	18.52
7/14/2017 15:10	18.50
7/14/2017 15:20	18.52
7/14/2017 15:30	18.54
7/14/2017 15:40	18.57
7/14/2017 15:50	18.58
7/14/2017 16:00	18.76
7/14/2017 16:10	18.84
7/14/2017 16:20	18.79
7/14/2017 16:30	18.80
7/14/2017 16:40	18.61
7/14/2017 16:50	18.48
7/14/2017 17:00	18.54
7/14/2017 17:10	18.51
7/14/2017 17:20	18.45
7/14/2017 17:30	18.68
7/14/2017 17:40	18.85
7/14/2017 17:50	18.85
7/14/2017 18:00	18.78
7/14/2017 18:10	18.69
7/14/2017 18:20	18.68
7/14/2017 18:30	18.69
7/14/2017 18:40	18.63
7/14/2017 18:50	18.69
7/14/2017 19:00	18.61
7/14/2017 19:10	18.48
7/14/2017 19:20	18.39
7/14/2017 19:30	18.43
7/14/2017 19:40	18.47
7/14/2017 19:50	18.61
7/14/2017 20:00	19.24
7/14/2017 20:10	19.68
7/14/2017 20:20	19.99
7/14/2017 20:30	20.22
7/14/2017 20:40	20.38
7/14/2017 20:50	20.50
7/14/2017 21:00	20.58
7/14/2017 21:10	20.62
7/14/2017 21:20	20.66

Date/Time	Temp (°C)
7/14/2017 21:30	20.68
7/14/2017 21:40	20.70
7/14/2017 21:50	20.72
7/14/2017 22:00	20.73
7/14/2017 22:10	20.74
7/14/2017 22:20	20.75
7/14/2017 22:30	20.74
7/14/2017 22:40	20.74
7/14/2017 22:50	20.73
7/14/2017 23:00	20.72
7/14/2017 23:10	20.69
7/14/2017 23:20	20.67
7/14/2017 23:30	20.64
7/14/2017 23:40	20.61
7/14/2017 23:50	20.58
7/15/2017 0:00	20.55
7/15/2017 0:10	20.52
7/15/2017 0:20	20.49
7/15/2017 0:30	20.45
7/15/2017 0:40	20.43
7/15/2017 0:50	20.40
7/15/2017 1:00	20.37
7/15/2017 1:10	20.35
7/15/2017 1:20	20.32
7/15/2017 1:30	20.30
7/15/2017 1:40	20.27
7/15/2017 1:50	20.24
7/15/2017 2:00	20.22
7/15/2017 2:10	20.19
7/15/2017 2:20	20.16
7/15/2017 2:30	20.14
7/15/2017 2:40	20.11
7/15/2017 2:50	20.08
7/15/2017 3:00	20.05
7/15/2017 3:10	20.02
7/15/2017 3:20	19.99
7/15/2017 3:30	19.96
7/15/2017 3:40	19.93
7/15/2017 3:50	19.90
7/15/2017 4:00	19.88

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/15/2017 4:10	19.85
7/15/2017 4:20	19.82
7/15/2017 4:30	19.80
7/15/2017 4:40	19.78
7/15/2017 4:50	19.75
7/15/2017 5:00	19.73
7/15/2017 5:10	19.71
7/15/2017 5:20	19.69
7/15/2017 5:30	19.67
7/15/2017 5:40	19.65
7/15/2017 5:50	19.63
7/15/2017 6:00	19.61
7/15/2017 6:10	19.59
7/15/2017 6:20	19.57
7/15/2017 6:30	19.55
7/15/2017 6:40	19.53
7/15/2017 6:50	19.52
7/15/2017 7:00	19.50
7/15/2017 7:10	19.49
7/15/2017 7:20	19.47
7/15/2017 7:30	19.46
7/15/2017 7:40	19.45
7/15/2017 7:50	19.44
7/15/2017 8:00	19.44
7/15/2017 8:10	19.43
7/15/2017 8:20	19.43
7/15/2017 8:30	19.43
7/15/2017 8:40	19.44
7/15/2017 8:50	19.44
7/15/2017 9:00	19.45
7/15/2017 9:10	19.47
7/15/2017 9:20	19.50
7/15/2017 9:30	19.52
7/15/2017 9:40	19.53
7/15/2017 9:50	19.53
7/15/2017 10:00	19.59
7/15/2017 10:10	19.59
7/15/2017 10:20	19.59
7/15/2017 10:30	19.64
7/15/2017 10:40	19.68

Date/Time	Temp (°C)
7/15/2017 10:50	19.67
7/15/2017 11:00	19.66
7/15/2017 11:10	19.66
7/15/2017 11:20	19.71
7/15/2017 11:30	19.72
7/15/2017 11:40	19.74
7/15/2017 11:50	19.79
7/15/2017 12:00	19.82
7/15/2017 12:10	19.87
7/15/2017 12:20	19.91
7/15/2017 12:30	19.99
7/15/2017 12:40	20.05
7/15/2017 12:50	20.20
7/15/2017 13:00	20.18
7/15/2017 13:10	20.24
7/15/2017 13:20	20.23
7/15/2017 13:30	20.33
7/15/2017 13:40	20.35
7/15/2017 13:50	20.40
7/15/2017 14:00	20.49
7/15/2017 14:10	20.54
7/15/2017 14:20	20.59
7/15/2017 14:30	20.65
7/15/2017 14:40	20.67
7/15/2017 14:50	20.75
7/15/2017 15:00	20.78
7/15/2017 15:10	20.80
7/15/2017 15:20	20.86
7/15/2017 15:30	20.91
7/15/2017 15:40	21.01
7/15/2017 15:50	21.03
7/15/2017 16:00	21.10
7/15/2017 16:10	21.18
7/15/2017 16:20	21.16
7/15/2017 16:30	21.18
7/15/2017 16:40	21.24
7/15/2017 16:50	21.28
7/15/2017 17:00	21.29
7/15/2017 17:10	21.34
7/15/2017 17:20	21.33

Date/Time	Temp (°C)
7/15/2017 17:30	21.26
7/15/2017 17:40	21.22
7/15/2017 17:50	21.17
7/15/2017 18:00	21.09
7/15/2017 18:10	21.05
7/15/2017 18:20	21.01
7/15/2017 18:30	20.96
7/15/2017 18:40	20.92
7/15/2017 18:50	20.89
7/15/2017 19:00	20.86
7/15/2017 19:10	20.86
7/15/2017 19:20	20.81
7/15/2017 19:30	20.75
7/15/2017 19:40	20.70
7/15/2017 19:50	20.66
7/15/2017 20:00	20.61
7/15/2017 20:10	20.57
7/15/2017 20:20	20.53
7/15/2017 20:30	20.50
7/15/2017 20:40	20.47
7/15/2017 20:50	20.45
7/15/2017 21:00	20.42
7/15/2017 21:10	20.39
7/15/2017 21:20	20.36
7/15/2017 21:30	20.33
7/15/2017 21:40	20.30
7/15/2017 21:50	20.27
7/15/2017 22:00	20.24
7/15/2017 22:10	20.20
7/15/2017 22:20	20.17
7/15/2017 22:30	20.14
7/15/2017 22:40	20.11
7/15/2017 22:50	20.09
7/15/2017 23:00	20.08
7/15/2017 23:10	20.06
7/15/2017 23:20	20.04
7/15/2017 23:30	20.02
7/15/2017 23:40	20.00
7/15/2017 23:50	19.98
7/16/2017 0:00	19.96

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/16/2017 0:10	19.94
7/16/2017 0:20	19.92
7/16/2017 0:30	19.89
7/16/2017 0:40	19.86
7/16/2017 0:50	19.84
7/16/2017 1:00	19.82
7/16/2017 1:10	19.79
7/16/2017 1:20	19.77
7/16/2017 1:30	19.75
7/16/2017 1:40	19.72
7/16/2017 1:50	19.69
7/16/2017 2:00	19.66
7/16/2017 2:10	19.64
7/16/2017 2:20	19.61
7/16/2017 2:30	19.58
7/16/2017 2:40	19.55
7/16/2017 2:50	19.52
7/16/2017 3:00	19.50
7/16/2017 3:10	19.47
7/16/2017 3:20	19.44
7/16/2017 3:30	19.41
7/16/2017 3:40	19.38
7/16/2017 3:50	19.35
7/16/2017 4:00	19.31
7/16/2017 4:10	19.29
7/16/2017 4:20	19.26
7/16/2017 4:30	19.23
7/16/2017 4:40	19.19
7/16/2017 4:50	19.17
7/16/2017 5:00	19.14
7/16/2017 5:10	19.12
7/16/2017 5:20	19.08
7/16/2017 5:30	19.05
7/16/2017 5:40	19.02
7/16/2017 5:50	19.00
7/16/2017 6:00	18.97
7/16/2017 6:10	18.93
7/16/2017 6:20	18.89
7/16/2017 6:30	18.86
7/16/2017 6:40	18.83

Date/Time	Temp (°C)
7/16/2017 6:50	18.80
7/16/2017 7:00	18.77
7/16/2017 7:10	18.74
7/16/2017 7:20	18.71
7/16/2017 7:30	18.69
7/16/2017 7:40	18.68
7/16/2017 7:50	18.66
7/16/2017 8:00	18.65
7/16/2017 8:10	18.64
7/16/2017 8:20	18.61
7/16/2017 8:30	18.57
7/16/2017 8:40	18.57
7/16/2017 8:50	18.58
7/16/2017 9:00	18.59
7/16/2017 9:10	18.61
7/16/2017 9:20	18.64
7/16/2017 9:30	18.67
7/16/2017 9:40	18.69
7/16/2017 9:50	18.72
7/16/2017 10:00	18.76
7/16/2017 10:10	18.81
7/16/2017 10:20	18.84
7/16/2017 10:30	18.85
7/16/2017 10:40	18.89
7/16/2017 10:50	18.98
7/16/2017 11:00	19.02
7/16/2017 11:10	19.15
7/16/2017 11:20	19.29
7/16/2017 11:30	19.39
7/16/2017 11:40	19.54
7/16/2017 11:50	19.67
7/16/2017 12:00	19.73
7/16/2017 12:10	19.85
7/16/2017 12:20	19.93
7/16/2017 12:30	20.02
7/16/2017 12:40	20.16
7/16/2017 12:50	20.15
7/16/2017 13:00	20.22
7/16/2017 13:10	20.32
7/16/2017 13:20	20.43

Date/Time	Temp (°C)
7/16/2017 13:30	20.39
7/16/2017 13:40	20.48
7/16/2017 13:50	20.62
7/16/2017 14:00	20.72
7/16/2017 14:10	20.89
7/16/2017 14:20	21.11
7/16/2017 14:30	21.31
7/16/2017 14:40	21.38
7/16/2017 14:50	21.39
7/16/2017 15:00	21.51
7/16/2017 15:10	21.66
7/16/2017 15:20	21.82
7/16/2017 15:30	21.86
7/16/2017 15:40	22.06
7/16/2017 15:50	22.13
7/16/2017 16:00	22.26
7/16/2017 16:10	22.33
7/16/2017 16:20	22.43
7/16/2017 16:30	22.46
7/16/2017 16:40	22.45
7/16/2017 16:50	22.41
7/16/2017 17:00	22.46
7/16/2017 17:10	22.48
7/16/2017 17:20	22.50
7/16/2017 17:30	22.50
7/16/2017 17:40	22.59
7/16/2017 17:50	22.61
7/16/2017 18:00	22.61
7/16/2017 18:10	22.53
7/16/2017 18:20	22.53
7/16/2017 18:30	22.45
7/16/2017 18:40	22.35
7/16/2017 18:50	22.28
7/16/2017 19:00	22.16
7/16/2017 19:10	22.07
7/16/2017 19:20	21.96
7/16/2017 19:30	21.83
7/16/2017 19:40	21.71
7/16/2017 19:50	21.59
7/16/2017 20:00	21.48

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/16/2017 20:10	21.37
7/16/2017 20:20	21.28
7/16/2017 20:30	21.18
7/16/2017 20:40	21.10
7/16/2017 20:50	21.01
7/16/2017 21:00	20.94
7/16/2017 21:10	20.87
7/16/2017 21:20	20.82
7/16/2017 21:30	20.76
7/16/2017 21:40	20.71
7/16/2017 21:50	20.66
7/16/2017 22:00	20.62
7/16/2017 22:10	20.58
7/16/2017 22:20	20.54
7/16/2017 22:30	20.50
7/16/2017 22:40	20.47
7/16/2017 22:50	20.44
7/16/2017 23:00	20.43
7/16/2017 23:10	20.41
7/16/2017 23:20	20.39
7/16/2017 23:30	20.37
7/16/2017 23:40	20.36
7/16/2017 23:50	20.35
7/17/2017 0:00	20.33
7/17/2017 0:10	20.33
7/17/2017 0:20	20.32
7/17/2017 0:30	20.31
7/17/2017 0:40	20.28
7/17/2017 0:50	20.27
7/17/2017 1:00	20.26
7/17/2017 1:10	20.25
7/17/2017 1:20	20.23
7/17/2017 1:30	20.22
7/17/2017 1:40	20.20
7/17/2017 1:50	20.19
7/17/2017 2:00	20.17
7/17/2017 2:10	20.15
7/17/2017 2:20	20.13
7/17/2017 2:30	20.10
7/17/2017 2:40	20.09

Date/Time	Temp (°C)
7/17/2017 2:50	20.08
7/17/2017 3:00	20.06
7/17/2017 3:10	20.04
7/17/2017 3:20	20.01
7/17/2017 3:30	19.99
7/17/2017 3:40	19.97
7/17/2017 3:50	19.95
7/17/2017 4:00	19.93
7/17/2017 4:10	19.92
7/17/2017 4:20	19.90
7/17/2017 4:30	19.88
7/17/2017 4:40	19.85
7/17/2017 4:50	19.83
7/17/2017 5:00	19.81
7/17/2017 5:10	19.78
7/17/2017 5:20	19.75
7/17/2017 5:30	19.72
7/17/2017 5:40	19.70
7/17/2017 5:50	19.67
7/17/2017 6:00	19.65
7/17/2017 6:10	19.62
7/17/2017 6:20	19.58
7/17/2017 6:30	19.56
7/17/2017 6:40	19.54
7/17/2017 6:50	19.52
7/17/2017 7:00	19.48
7/17/2017 7:10	19.45
7/17/2017 7:20	19.44
7/17/2017 7:30	19.41
7/17/2017 7:40	19.38
7/17/2017 7:50	19.36
7/17/2017 8:00	19.34
7/17/2017 8:10	19.33
7/17/2017 8:20	19.33
7/17/2017 8:30	19.32
7/17/2017 8:40	19.32
7/17/2017 8:50	19.33
7/17/2017 9:00	19.36
7/17/2017 9:10	19.39
7/17/2017 9:20	19.43

Date/Time	Temp (°C)
7/17/2017 9:30	19.42
7/17/2017 9:40	19.47
7/17/2017 9:50	19.53
7/17/2017 10:00	19.58
7/17/2017 10:10	19.64
7/17/2017 10:20	19.74
7/17/2017 10:30	19.81
7/17/2017 10:40	19.83
7/17/2017 10:50	19.97
7/17/2017 11:00	20.06
7/17/2017 11:10	20.12
7/17/2017 11:20	20.24
7/17/2017 11:30	20.32
7/17/2017 11:40	20.42
7/17/2017 11:50	20.60
7/17/2017 12:00	20.79
7/17/2017 12:10	20.92
7/17/2017 12:20	21.01
7/17/2017 12:30	21.18
7/17/2017 12:40	21.25
7/17/2017 12:50	21.22
7/17/2017 13:00	20.39
7/17/2017 13:10	19.09
7/17/2017 13:20	19.36
7/17/2017 13:30	19.35
7/17/2017 13:40	19.25
7/17/2017 13:50	19.31
7/17/2017 14:00	19.40
7/17/2017 14:10	19.52
7/17/2017 14:20	19.54
7/17/2017 14:30	19.62
7/17/2017 14:40	19.75
7/17/2017 14:50	19.76
7/17/2017 15:00	19.82
7/17/2017 15:10	19.75
7/17/2017 15:20	19.90
7/17/2017 15:30	19.89
7/17/2017 15:40	19.94
7/17/2017 15:50	20.26
7/17/2017 16:00	20.56

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/17/2017 16:10	20.70
7/17/2017 16:20	20.82
7/17/2017 16:30	20.95
7/17/2017 16:40	21.05
7/17/2017 16:50	21.25
7/17/2017 17:00	21.48
7/17/2017 17:10	21.71
7/17/2017 17:20	22.10
7/17/2017 17:30	22.50
7/17/2017 17:40	22.84
7/17/2017 17:50	23.16
7/17/2017 18:00	23.34
7/17/2017 18:10	23.54
7/17/2017 18:20	23.67
7/17/2017 18:30	23.75
7/17/2017 18:40	23.78
7/17/2017 18:50	23.75
7/17/2017 19:00	23.71
7/17/2017 19:10	23.64
7/17/2017 19:20	23.54
7/17/2017 19:30	23.43
7/17/2017 19:40	23.31
7/17/2017 19:50	23.18
7/17/2017 20:00	23.05
7/17/2017 20:10	22.93
7/17/2017 20:20	22.81
7/17/2017 20:30	22.71
7/17/2017 20:40	22.62
7/17/2017 20:50	22.54
7/17/2017 21:00	22.45
7/17/2017 21:10	22.38
7/17/2017 21:20	22.30
7/17/2017 21:30	22.23
7/17/2017 21:40	22.17
7/17/2017 21:50	22.10
7/17/2017 22:00	22.03
7/17/2017 22:10	21.98
7/17/2017 22:20	21.92
7/17/2017 22:30	21.87
7/17/2017 22:40	21.83

Date/Time	Temp (°C)
7/17/2017 22:50	21.79
7/17/2017 23:00	21.75
7/17/2017 23:10	21.72
7/17/2017 23:20	21.69
7/17/2017 23:30	21.66
7/17/2017 23:40	21.63
7/17/2017 23:50	21.60
7/18/2017 0:00	21.57
7/18/2017 0:10	21.54
7/18/2017 0:20	21.52
7/18/2017 0:30	21.50
7/18/2017 0:40	21.47
7/18/2017 0:50	21.45
7/18/2017 1:00	21.42
7/18/2017 1:10	21.39
7/18/2017 1:20	21.36
7/18/2017 1:30	21.34
7/18/2017 1:40	21.31
7/18/2017 1:50	21.28
7/18/2017 2:00	21.26
7/18/2017 2:10	21.23
7/18/2017 2:20	21.20
7/18/2017 2:30	21.16
7/18/2017 2:40	21.13
7/18/2017 2:50	21.10
7/18/2017 3:00	21.06
7/18/2017 3:10	21.03
7/18/2017 3:20	20.99
7/18/2017 3:30	20.96
7/18/2017 3:40	20.92
7/18/2017 3:50	20.89
7/18/2017 4:00	20.85
7/18/2017 4:10	20.83
7/18/2017 4:20	20.79
7/18/2017 4:30	20.76
7/18/2017 4:40	20.73
7/18/2017 4:50	20.70
7/18/2017 5:00	20.67
7/18/2017 5:10	20.64
7/18/2017 5:20	20.61

Date/Time	Temp (°C)
7/18/2017 5:30	20.58
7/18/2017 5:40	20.55
7/18/2017 5:50	20.53
7/18/2017 6:00	20.51
7/18/2017 6:10	20.49
7/18/2017 6:20	20.46
7/18/2017 6:30	20.43
7/18/2017 6:40	20.41
7/18/2017 6:50	20.39
7/18/2017 7:00	20.37
7/18/2017 7:10	20.35
7/18/2017 7:20	20.34
7/18/2017 7:30	20.33
7/18/2017 7:40	20.32
7/18/2017 7:50	20.30
7/18/2017 8:00	20.30
7/18/2017 8:10	20.30
7/18/2017 8:20	20.30
7/18/2017 8:30	20.30
7/18/2017 8:40	20.31
7/18/2017 8:50	20.34
7/18/2017 9:00	20.38
7/18/2017 9:10	20.43
7/18/2017 9:20	20.49
7/18/2017 9:30	20.55
7/18/2017 9:40	20.61
7/18/2017 9:50	20.67
7/18/2017 10:00	20.75
7/18/2017 10:10	20.83
7/18/2017 10:20	20.93
7/18/2017 10:30	21.03
7/18/2017 10:40	21.15
7/18/2017 10:50	21.27
7/18/2017 11:00	21.38
7/18/2017 11:10	21.53
7/18/2017 11:20	21.61
7/18/2017 11:30	21.67
7/18/2017 11:40	21.84
7/18/2017 11:50	21.99
7/18/2017 12:00	22.10

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/18/2017 12:10	22.24
7/18/2017 12:20	22.45
7/18/2017 12:30	22.66
7/18/2017 12:40	22.84
7/18/2017 12:50	23.00
7/18/2017 13:00	23.20
7/18/2017 13:10	23.29
7/18/2017 13:20	23.43
7/18/2017 13:30	23.66
7/18/2017 13:40	23.96
7/18/2017 13:50	24.14
7/18/2017 14:00	24.29
7/18/2017 14:10	24.37
7/18/2017 14:20	24.27
7/18/2017 14:30	24.31
7/18/2017 14:40	24.53
7/18/2017 14:50	24.67
7/18/2017 15:00	24.86
7/18/2017 15:10	25.02
7/18/2017 15:20	25.17
7/18/2017 15:30	25.31
7/18/2017 15:40	25.50
7/18/2017 15:50	25.62
7/18/2017 16:00	25.66
7/18/2017 16:10	25.67
7/18/2017 16:20	25.63
7/18/2017 16:30	25.65
7/18/2017 16:40	25.81
7/18/2017 16:50	25.87
7/18/2017 17:00	25.89
7/18/2017 17:10	25.83
7/18/2017 17:20	25.89
7/18/2017 17:30	25.77
7/18/2017 17:40	25.67
7/18/2017 17:50	25.73
7/18/2017 18:00	25.62
7/18/2017 18:10	25.63
7/18/2017 18:20	25.57
7/18/2017 18:30	25.45
7/18/2017 18:40	25.37

Date/Time	Temp (°C)
7/18/2017 18:50	25.19
7/18/2017 19:00	25.08
7/18/2017 19:10	24.97
7/18/2017 19:20	24.77
7/18/2017 19:30	24.62
7/18/2017 19:40	24.45
7/18/2017 19:50	24.28
7/18/2017 20:00	24.11
7/18/2017 20:10	23.96
7/18/2017 20:20	23.81
7/18/2017 20:30	23.66
7/18/2017 20:40	23.53
7/18/2017 20:50	23.39
7/18/2017 21:00	23.26
7/18/2017 21:10	23.15
7/18/2017 21:20	23.03
7/18/2017 21:30	22.92
7/18/2017 21:40	22.83
7/18/2017 21:50	22.74
7/18/2017 22:00	22.65
7/18/2017 22:10	22.57
7/18/2017 22:20	22.50
7/18/2017 22:30	22.43
7/18/2017 22:40	22.37
7/18/2017 22:50	22.30
7/18/2017 23:00	22.25
7/18/2017 23:10	22.19
7/18/2017 23:20	22.14
7/18/2017 23:30	22.09
7/18/2017 23:40	22.04
7/18/2017 23:50	22.00
7/19/2017 0:00	21.95
7/19/2017 0:10	21.90
7/19/2017 0:20	21.86
7/19/2017 0:30	21.83
7/19/2017 0:40	21.79
7/19/2017 0:50	21.75
7/19/2017 1:00	21.71
7/19/2017 1:10	21.68
7/19/2017 1:20	21.65

Date/Time	Temp (°C)
7/19/2017 1:30	21.61
7/19/2017 1:40	21.58
7/19/2017 1:50	21.55
7/19/2017 2:00	21.53
7/19/2017 2:10	21.50
7/19/2017 2:20	21.47
7/19/2017 2:30	21.43
7/19/2017 2:40	21.40
7/19/2017 2:50	21.37
7/19/2017 3:00	21.34
7/19/2017 3:10	21.31
7/19/2017 3:20	21.28
7/19/2017 3:30	21.25
7/19/2017 3:40	21.20
7/19/2017 3:50	21.17
7/19/2017 4:00	21.15
7/19/2017 4:10	21.11
7/19/2017 4:20	21.07
7/19/2017 4:30	21.04
7/19/2017 4:40	21.01
7/19/2017 4:50	20.98
7/19/2017 5:00	20.95
7/19/2017 5:10	20.92
7/19/2017 5:20	20.88
7/19/2017 5:30	20.84
7/19/2017 5:40	20.82
7/19/2017 5:50	20.79
7/19/2017 6:00	20.76
7/19/2017 6:10	20.72
7/19/2017 6:20	20.70
7/19/2017 6:30	20.68
7/19/2017 6:40	20.66
7/19/2017 6:50	20.63
7/19/2017 7:00	20.61
7/19/2017 7:10	20.60
7/19/2017 7:20	20.59
7/19/2017 7:30	20.58
7/19/2017 7:40	20.55
7/19/2017 7:50	20.53
7/19/2017 8:00	20.52

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/19/2017 8:10	20.53
7/19/2017 8:20	20.53
7/19/2017 8:30	20.55
7/19/2017 8:40	20.58
7/19/2017 8:50	20.61
7/19/2017 9:00	20.67
7/19/2017 9:10	20.73
7/19/2017 9:20	20.81
7/19/2017 9:30	20.89
7/19/2017 9:40	20.98
7/19/2017 9:50	21.07
7/19/2017 10:00	21.15
7/19/2017 10:10	21.27
7/19/2017 10:20	21.28
7/19/2017 10:30	21.39
7/19/2017 10:40	21.52
7/19/2017 10:50	21.65
7/19/2017 11:00	21.70
7/19/2017 11:10	21.79
7/19/2017 11:20	21.92
7/19/2017 11:30	22.02
7/19/2017 11:40	22.16
7/19/2017 11:50	22.32
7/19/2017 12:00	22.58
7/19/2017 12:10	22.75
7/19/2017 12:20	22.90
7/19/2017 12:30	22.96
7/19/2017 12:40	23.20
7/19/2017 12:50	23.31
7/19/2017 13:00	23.35
7/19/2017 13:10	23.42
7/19/2017 13:20	23.71
7/19/2017 13:30	23.85
7/19/2017 13:40	23.92
7/19/2017 13:50	24.01
7/19/2017 14:00	23.72
7/19/2017 14:10	22.64
7/19/2017 14:20	20.88
7/19/2017 14:30	20.61
7/19/2017 14:40	20.35

Date/Time	Temp (°C)
7/19/2017 14:50	20.22
7/19/2017 15:00	20.15
7/19/2017 15:10	20.09
7/19/2017 15:20	20.07
7/19/2017 15:30	20.05
7/19/2017 15:40	20.03
7/19/2017 15:50	20.03
7/19/2017 16:00	20.00
7/19/2017 16:10	19.87
7/19/2017 16:20	19.94
7/19/2017 16:30	20.01
7/19/2017 16:40	20.08
7/19/2017 16:50	20.18
7/19/2017 17:00	20.27
7/19/2017 17:10	20.49
7/19/2017 17:20	20.62
7/19/2017 17:30	20.66
7/19/2017 17:40	20.80
7/19/2017 17:50	20.94
7/19/2017 18:00	20.99
7/19/2017 18:10	21.16
7/19/2017 18:20	21.23
7/19/2017 18:30	21.32
7/19/2017 18:40	21.33
7/19/2017 18:50	21.34
7/19/2017 19:00	21.43
7/19/2017 19:10	21.61
7/19/2017 19:20	21.85
7/19/2017 19:30	22.13
7/19/2017 19:40	22.37
7/19/2017 19:50	22.56
7/19/2017 20:00	22.72
7/19/2017 20:10	22.84
7/19/2017 20:20	22.93
7/19/2017 20:30	23.02
7/19/2017 20:40	23.07
7/19/2017 20:50	23.10
7/19/2017 21:00	23.13
7/19/2017 21:10	23.14
7/19/2017 21:20	23.14

Date/Time	Temp (°C)
7/19/2017 21:30	23.11
7/19/2017 21:40	23.09
7/19/2017 21:50	23.06
7/19/2017 22:00	23.02
7/19/2017 22:10	22.98
7/19/2017 22:20	22.93
7/19/2017 22:30	22.89
7/19/2017 22:40	22.84
7/19/2017 22:50	22.79
7/19/2017 23:00	22.73
7/19/2017 23:10	22.69
7/19/2017 23:20	22.63
7/19/2017 23:30	22.58
7/19/2017 23:40	22.53
7/19/2017 23:50	22.48
7/20/2017 0:00	22.44
7/20/2017 0:10	22.39
7/20/2017 0:20	22.35
7/20/2017 0:30	22.30
7/20/2017 0:40	22.26
7/20/2017 0:50	22.22
7/20/2017 1:00	22.19
7/20/2017 1:10	22.15
7/20/2017 1:20	22.12
7/20/2017 1:30	22.08
7/20/2017 1:40	22.05
7/20/2017 1:50	22.03
7/20/2017 2:00	22.00
7/20/2017 2:10	21.97
7/20/2017 2:20	21.94
7/20/2017 2:30	21.91
7/20/2017 2:40	21.89
7/20/2017 2:50	21.86
7/20/2017 3:00	21.83
7/20/2017 3:10	21.80
7/20/2017 3:20	21.77
7/20/2017 3:30	21.73
7/20/2017 3:40	21.70
7/20/2017 3:50	21.66
7/20/2017 4:00	21.63

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/20/2017 4:10	21.59
7/20/2017 4:20	21.56
7/20/2017 4:30	21.52
7/20/2017 4:40	21.49
7/20/2017 4:50	21.45
7/20/2017 5:00	21.41
7/20/2017 5:10	21.39
7/20/2017 5:20	21.34
7/20/2017 5:30	21.31
7/20/2017 5:40	21.27
7/20/2017 5:50	21.24
7/20/2017 6:00	21.20
7/20/2017 6:10	21.15
7/20/2017 6:20	21.13
7/20/2017 6:30	21.11
7/20/2017 6:40	21.08
7/20/2017 6:50	21.05
7/20/2017 7:00	21.03
7/20/2017 7:10	21.01
7/20/2017 7:20	20.98
7/20/2017 7:30	20.97
7/20/2017 7:40	20.96
7/20/2017 7:50	20.95
7/20/2017 8:00	20.95
7/20/2017 8:10	20.97
7/20/2017 8:20	20.99
7/20/2017 8:30	20.99
7/20/2017 8:40	21.01
7/20/2017 8:50	21.05
7/20/2017 9:00	21.12
7/20/2017 9:10	21.19
7/20/2017 9:20	21.26
7/20/2017 9:30	21.36
7/20/2017 9:40	21.46
7/20/2017 9:50	21.53
7/20/2017 10:00	21.61
7/20/2017 10:10	21.71
7/20/2017 10:20	21.78
7/20/2017 10:30	21.91
7/20/2017 10:40	21.97

Date/Time	Temp (°C)
7/20/2017 10:50	22.10
7/20/2017 11:00	22.22
7/20/2017 11:10	22.29
7/20/2017 11:20	22.34
7/20/2017 11:30	22.46
7/20/2017 11:40	22.59
7/20/2017 11:50	22.80
7/20/2017 12:00	22.82
7/20/2017 12:10	22.95
7/20/2017 12:20	23.15
7/20/2017 12:30	23.32
7/20/2017 12:40	23.53
7/20/2017 12:50	23.70
7/20/2017 13:00	23.83
7/20/2017 13:10	24.01
7/20/2017 13:20	24.26
7/20/2017 13:30	24.31
7/20/2017 13:40	24.38
7/20/2017 13:50	24.51
7/20/2017 14:00	24.25
7/20/2017 14:10	23.35
7/20/2017 14:20	21.17
7/20/2017 14:30	20.65
7/20/2017 14:40	20.42
7/20/2017 14:50	20.24
7/20/2017 15:00	20.16
7/20/2017 15:10	20.10
7/20/2017 15:20	20.15
7/20/2017 15:30	20.15
7/20/2017 15:40	20.18
7/20/2017 15:50	20.04
7/20/2017 16:00	20.01
7/20/2017 16:10	20.02
7/20/2017 16:20	19.99
7/20/2017 16:30	19.97
7/20/2017 16:40	19.88
7/20/2017 16:50	19.79
7/20/2017 17:00	19.73
7/20/2017 17:10	19.74
7/20/2017 17:20	19.75

Date/Time	Temp (°C)
7/20/2017 17:30	19.75
7/20/2017 17:40	19.79
7/20/2017 17:50	19.84
7/20/2017 18:00	19.92
7/20/2017 18:10	19.96
7/20/2017 18:20	20.06
7/20/2017 18:30	20.07
7/20/2017 18:40	20.07
7/20/2017 18:50	20.10
7/20/2017 19:00	20.12
7/20/2017 19:10	20.15
7/20/2017 19:20	20.15
7/20/2017 19:30	20.15
7/20/2017 19:40	20.13
7/20/2017 19:50	20.10
7/20/2017 20:00	20.08
7/20/2017 20:10	20.05
7/20/2017 20:20	20.09
7/20/2017 20:30	20.25
7/20/2017 20:40	20.48
7/20/2017 20:50	20.76
7/20/2017 21:00	21.03
7/20/2017 21:10	21.27
7/20/2017 21:20	21.48
7/20/2017 21:30	21.69
7/20/2017 21:40	21.86
7/20/2017 21:50	21.99
7/20/2017 22:00	22.13
7/20/2017 22:10	22.22
7/20/2017 22:20	22.32
7/20/2017 22:30	22.38
7/20/2017 22:40	22.44
7/20/2017 22:50	22.47
7/20/2017 23:00	22.50
7/20/2017 23:10	22.52
7/20/2017 23:20	22.51
7/20/2017 23:30	22.53
7/20/2017 23:40	22.53
7/20/2017 23:50	22.53
7/21/2017 0:00	22.51

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/21/2017 0:10	22.50
7/21/2017 0:20	22.49
7/21/2017 0:30	22.47
7/21/2017 0:40	22.45
7/21/2017 0:50	22.43
7/21/2017 1:00	22.40
7/21/2017 1:10	22.38
7/21/2017 1:20	22.35
7/21/2017 1:30	22.31
7/21/2017 1:40	22.29
7/21/2017 1:50	22.26
7/21/2017 2:00	22.23
7/21/2017 2:10	22.20
7/21/2017 2:20	22.17
7/21/2017 2:30	22.13
7/21/2017 2:40	22.11
7/21/2017 2:50	22.08
7/21/2017 3:00	22.05
7/21/2017 3:10	22.02
7/21/2017 3:20	22.00
7/21/2017 3:30	21.97
7/21/2017 3:40	21.95
7/21/2017 3:50	21.92
7/21/2017 4:00	21.89
7/21/2017 4:10	21.86
7/21/2017 4:20	21.84
7/21/2017 4:30	21.81
7/21/2017 4:40	21.77
7/21/2017 4:50	21.75
7/21/2017 5:00	21.71
7/21/2017 5:10	21.69
7/21/2017 5:20	21.65
7/21/2017 5:30	21.62
7/21/2017 5:40	21.59
7/21/2017 5:50	21.56
7/21/2017 6:00	21.53
7/21/2017 6:10	21.50
7/21/2017 6:20	21.48
7/21/2017 6:30	21.45
7/21/2017 6:40	21.42

Date/Time	Temp (°C)
7/21/2017 6:50	21.41
7/21/2017 7:00	21.40
7/21/2017 7:10	21.38
7/21/2017 7:20	21.38
7/21/2017 7:30	21.38
7/21/2017 7:40	21.38
7/21/2017 7:50	21.38
7/21/2017 8:00	21.40
7/21/2017 8:10	21.45
7/21/2017 8:20	21.47
7/21/2017 8:30	21.51
7/21/2017 8:40	21.55
7/21/2017 8:50	21.59
7/21/2017 9:00	21.62
7/21/2017 9:10	21.64
7/21/2017 9:20	21.65
7/21/2017 9:30	21.71
7/21/2017 9:40	21.76
7/21/2017 9:50	21.83
7/21/2017 10:00	21.92
7/21/2017 10:10	21.98
7/21/2017 10:20	22.04
7/21/2017 10:30	22.13
7/21/2017 10:40	22.22
7/21/2017 10:50	22.37
7/21/2017 11:00	22.48
7/21/2017 11:10	22.61
7/21/2017 11:20	22.71
7/21/2017 11:30	22.87
7/21/2017 11:40	22.97
7/21/2017 11:50	23.11
7/21/2017 12:00	23.24
7/21/2017 12:10	23.42
7/21/2017 12:20	23.48
7/21/2017 12:30	23.67
7/21/2017 12:40	23.70
7/21/2017 12:50	23.89
7/21/2017 13:00	23.79
7/21/2017 13:10	23.43
7/21/2017 13:20	21.18

Date/Time	Temp (°C)
7/21/2017 13:30	20.50
7/21/2017 13:40	20.37
7/21/2017 13:50	20.25
7/21/2017 14:00	20.07
7/21/2017 14:10	19.92
7/21/2017 14:20	19.81
7/21/2017 14:30	19.69
7/21/2017 14:40	19.62
7/21/2017 14:50	19.50
7/21/2017 15:00	19.34
7/21/2017 15:10	19.24
7/21/2017 15:20	19.15
7/21/2017 15:30	19.08
7/21/2017 15:40	19.01
7/21/2017 15:50	18.96
7/21/2017 16:00	18.96
7/21/2017 16:10	18.98
7/21/2017 16:20	19.00
7/21/2017 16:30	19.05
7/21/2017 16:40	19.10
7/21/2017 16:50	19.15
7/21/2017 17:00	19.25
7/21/2017 17:10	19.32
7/21/2017 17:20	19.38
7/21/2017 17:30	19.47
7/21/2017 17:40	19.52
7/21/2017 17:50	19.57
7/21/2017 18:00	19.62
7/21/2017 18:10	19.68
7/21/2017 18:20	19.73
7/21/2017 18:30	19.80
7/21/2017 18:40	19.93
7/21/2017 18:50	20.12
7/21/2017 19:00	20.34
7/21/2017 19:10	20.54
7/21/2017 19:20	20.76
7/21/2017 19:30	20.96
7/21/2017 19:40	21.15
7/21/2017 19:50	21.33
7/21/2017 20:00	21.47

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/21/2017 20:10	21.59
7/21/2017 20:20	21.70
7/21/2017 20:30	21.78
7/21/2017 20:40	21.86
7/21/2017 20:50	21.96
7/21/2017 21:00	22.03
7/21/2017 21:10	22.10
7/21/2017 21:20	22.16
7/21/2017 21:30	22.20
7/21/2017 21:40	22.23
7/21/2017 21:50	22.27
7/21/2017 22:00	22.29
7/21/2017 22:10	22.32
7/21/2017 22:20	22.34
7/21/2017 22:30	22.36
7/21/2017 22:40	22.37
7/21/2017 22:50	22.38
7/21/2017 23:00	22.38
7/21/2017 23:10	22.37
7/21/2017 23:20	22.36
7/21/2017 23:30	22.35
7/21/2017 23:40	22.34
7/21/2017 23:50	22.33
7/22/2017 0:00	22.30
7/22/2017 0:10	22.27
7/22/2017 0:20	22.25
7/22/2017 0:30	22.22
7/22/2017 0:40	22.19
7/22/2017 0:50	22.15
7/22/2017 1:00	22.13
7/22/2017 1:10	22.09
7/22/2017 1:20	22.06
7/22/2017 1:30	22.04
7/22/2017 1:40	22.00
7/22/2017 1:50	21.97
7/22/2017 2:00	21.94
7/22/2017 2:10	21.90
7/22/2017 2:20	21.87
7/22/2017 2:30	21.83
7/22/2017 2:40	21.79

Date/Time	Temp (°C)
7/22/2017 2:50	21.75
7/22/2017 3:00	21.71
7/22/2017 3:10	21.66
7/22/2017 3:20	21.62
7/22/2017 3:30	21.59
7/22/2017 3:40	21.56
7/22/2017 3:50	21.53
7/22/2017 4:00	21.50
7/22/2017 4:10	21.48
7/22/2017 4:20	21.45
7/22/2017 4:30	21.43
7/22/2017 4:40	21.40
7/22/2017 4:50	21.39
7/22/2017 5:00	21.37
7/22/2017 5:10	21.35
7/22/2017 5:20	21.33
7/22/2017 5:30	21.31
7/22/2017 5:40	21.29
7/22/2017 5:50	21.27
7/22/2017 6:00	21.25
7/22/2017 6:10	21.22
7/22/2017 6:20	21.20
7/22/2017 6:30	21.18
7/22/2017 6:40	21.17
7/22/2017 6:50	21.16
7/22/2017 7:00	21.17
7/22/2017 7:10	21.16
7/22/2017 7:20	21.17
7/22/2017 7:30	21.17
7/22/2017 7:40	21.17
7/22/2017 7:50	21.19
7/22/2017 8:00	21.19
7/22/2017 8:10	21.21
7/22/2017 8:20	21.22
7/22/2017 8:30	21.27
7/22/2017 8:40	21.30
7/22/2017 8:50	21.34
7/22/2017 9:00	21.41
7/22/2017 9:10	21.49
7/22/2017 9:20	21.57

Date/Time	Temp (°C)
7/22/2017 9:30	21.63
7/22/2017 9:40	21.73
7/22/2017 9:50	21.84
7/22/2017 10:00	21.94
7/22/2017 10:10	22.02
7/22/2017 10:20	22.13
7/22/2017 10:30	22.27
7/22/2017 10:40	22.41
7/22/2017 10:50	22.53
7/22/2017 11:00	22.56
7/22/2017 11:10	22.47
7/22/2017 11:20	22.41
7/22/2017 11:30	22.37
7/22/2017 11:40	22.23
7/22/2017 11:50	22.29
7/22/2017 12:00	22.19
7/22/2017 12:10	21.91
7/22/2017 12:20	19.99
7/22/2017 12:30	19.34
7/22/2017 12:40	19.24
7/22/2017 12:50	19.10
7/22/2017 13:00	19.03
7/22/2017 13:10	18.90
7/22/2017 13:20	18.81
7/22/2017 13:30	18.76
7/22/2017 13:40	18.73
7/22/2017 13:50	18.69
7/22/2017 14:00	18.64
7/22/2017 14:10	18.59
7/22/2017 14:20	18.57
7/22/2017 14:30	18.56
7/22/2017 14:40	18.59
7/22/2017 14:50	18.57
7/22/2017 15:00	18.57
7/22/2017 15:10	18.56
7/22/2017 15:20	18.52
7/22/2017 15:30	18.48
7/22/2017 15:40	18.43
7/22/2017 15:50	18.40
7/22/2017 16:00	18.37

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/22/2017 16:10	18.35
7/22/2017 16:20	18.35
7/22/2017 16:30	18.39
7/22/2017 16:40	18.34
7/22/2017 16:50	18.29
7/22/2017 17:00	18.26
7/22/2017 17:10	18.24
7/22/2017 17:20	18.22
7/22/2017 17:30	18.22
7/22/2017 17:40	18.22
7/22/2017 17:50	18.23
7/22/2017 18:00	18.25
7/22/2017 18:10	18.28
7/22/2017 18:20	18.30
7/22/2017 18:30	18.32
7/22/2017 18:40	18.36
7/22/2017 18:50	18.39
7/22/2017 19:00	18.42
7/22/2017 19:10	18.45
7/22/2017 19:20	18.48
7/22/2017 19:30	18.49
7/22/2017 19:40	18.50
7/22/2017 19:50	18.52
7/22/2017 20:00	18.57
7/22/2017 20:10	18.75
7/22/2017 20:20	19.03
7/22/2017 20:30	19.31
7/22/2017 20:40	19.55
7/22/2017 20:50	19.78
7/22/2017 21:00	19.98
7/22/2017 21:10	20.16
7/22/2017 21:20	20.32
7/22/2017 21:30	20.44
7/22/2017 21:40	20.56
7/22/2017 21:50	20.65
7/22/2017 22:00	20.74
7/22/2017 22:10	20.82
7/22/2017 22:20	20.88
7/22/2017 22:30	20.93
7/22/2017 22:40	20.98

Date/Time	Temp (°C)
7/22/2017 22:50	21.02
7/22/2017 23:00	21.06
7/22/2017 23:10	21.11
7/22/2017 23:20	21.14
7/22/2017 23:30	21.17
7/22/2017 23:40	21.21
7/22/2017 23:50	21.24
7/23/2017 0:00	21.26
7/23/2017 0:10	21.27
7/23/2017 0:20	21.28
7/23/2017 0:30	21.28
7/23/2017 0:40	21.29
7/23/2017 0:50	21.31
7/23/2017 1:00	21.33
7/23/2017 1:10	21.34
7/23/2017 1:20	21.35
7/23/2017 1:30	21.34
7/23/2017 1:40	21.32
7/23/2017 1:50	21.29
7/23/2017 2:00	21.26
7/23/2017 2:10	21.22
7/23/2017 2:20	21.20
7/23/2017 2:30	21.17
7/23/2017 2:40	21.15
7/23/2017 2:50	21.12
7/23/2017 3:00	21.09
7/23/2017 3:10	21.06
7/23/2017 3:20	21.03
7/23/2017 3:30	21.00
7/23/2017 3:40	20.96
7/23/2017 3:50	20.92
7/23/2017 4:00	20.89
7/23/2017 4:10	20.85
7/23/2017 4:20	20.81
7/23/2017 4:30	20.78
7/23/2017 4:40	20.73
7/23/2017 4:50	20.69
7/23/2017 5:00	20.65
7/23/2017 5:10	20.61
7/23/2017 5:20	20.57

Date/Time	Temp (°C)
7/23/2017 5:30	20.53
7/23/2017 5:40	20.50
7/23/2017 5:50	20.47
7/23/2017 6:00	20.44
7/23/2017 6:10	20.42
7/23/2017 6:20	20.39
7/23/2017 6:30	20.37
7/23/2017 6:40	20.34
7/23/2017 6:50	20.32
7/23/2017 7:00	20.30
7/23/2017 7:10	20.27
7/23/2017 7:20	20.25
7/23/2017 7:30	20.24
7/23/2017 7:40	20.22
7/23/2017 7:50	20.20
7/23/2017 8:00	20.18
7/23/2017 8:10	20.16
7/23/2017 8:20	20.15
7/23/2017 8:30	20.13
7/23/2017 8:40	20.12
7/23/2017 8:50	20.10
7/23/2017 9:00	20.09
7/23/2017 9:10	20.08
7/23/2017 9:20	20.07
7/23/2017 9:30	20.07
7/23/2017 9:40	20.07
7/23/2017 9:50	20.07
7/23/2017 10:00	20.07
7/23/2017 10:10	20.07
7/23/2017 10:20	20.08
7/23/2017 10:30	20.08
7/23/2017 10:40	20.07
7/23/2017 10:50	20.07
7/23/2017 11:00	20.07
7/23/2017 11:10	20.06
7/23/2017 11:20	20.07
7/23/2017 11:30	20.07
7/23/2017 11:40	20.08
7/23/2017 11:50	20.08
7/23/2017 12:00	20.08

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/23/2017 12:10	20.08
7/23/2017 12:20	20.10
7/23/2017 12:30	20.12
7/23/2017 12:40	20.14
7/23/2017 12:50	20.13
7/23/2017 13:00	20.14
7/23/2017 13:10	20.17
7/23/2017 13:20	20.15
7/23/2017 13:30	20.14
7/23/2017 13:40	20.14
7/23/2017 13:50	20.14
7/23/2017 14:00	20.15
7/23/2017 14:10	20.15
7/23/2017 14:20	20.15
7/23/2017 14:30	20.16
7/23/2017 14:40	20.21
7/23/2017 14:50	20.22
7/23/2017 15:00	20.21
7/23/2017 15:10	20.22
7/23/2017 15:20	20.24
7/23/2017 15:30	20.28
7/23/2017 15:40	20.32
7/23/2017 15:50	20.37
7/23/2017 16:00	20.40
7/23/2017 16:10	20.39
7/23/2017 16:20	20.41
7/23/2017 16:30	20.41
7/23/2017 16:40	20.48
7/23/2017 16:50	20.49
7/23/2017 17:00	20.53
7/23/2017 17:10	20.57
7/23/2017 17:20	20.58
7/23/2017 17:30	20.64
7/23/2017 17:40	20.62
7/23/2017 17:50	20.63
7/23/2017 18:00	20.65
7/23/2017 18:10	20.65
7/23/2017 18:20	20.63
7/23/2017 18:30	20.59
7/23/2017 18:40	20.55

Date/Time	Temp (°C)
7/23/2017 18:50	20.51
7/23/2017 19:00	20.48
7/23/2017 19:10	20.46
7/23/2017 19:20	20.43
7/23/2017 19:30	20.41
7/23/2017 19:40	20.38
7/23/2017 19:50	20.35
7/23/2017 20:00	20.32
7/23/2017 20:10	20.30
7/23/2017 20:20	20.28
7/23/2017 20:30	20.26
7/23/2017 20:40	20.24
7/23/2017 20:50	20.22
7/23/2017 21:00	20.20
7/23/2017 21:10	20.19
7/23/2017 21:20	20.17
7/23/2017 21:30	20.16
7/23/2017 21:40	20.15
7/23/2017 21:50	20.13
7/23/2017 22:00	20.12
7/23/2017 22:10	20.11
7/23/2017 22:20	20.10
7/23/2017 22:30	20.09
7/23/2017 22:40	20.08
7/23/2017 22:50	20.07
7/23/2017 23:00	20.06
7/23/2017 23:10	20.05
7/23/2017 23:20	20.04
7/23/2017 23:30	20.03
7/23/2017 23:40	20.02
7/23/2017 23:50	20.01
7/24/2017 0:00	19.99
7/24/2017 0:10	19.98
7/24/2017 0:20	19.97
7/24/2017 0:30	19.96
7/24/2017 0:40	19.95
7/24/2017 0:50	19.94
7/24/2017 1:00	19.92
7/24/2017 1:10	19.91
7/24/2017 1:20	19.89

Date/Time	Temp (°C)
7/24/2017 1:30	19.88
7/24/2017 1:40	19.86
7/24/2017 1:50	19.84
7/24/2017 2:00	19.83
7/24/2017 2:10	19.81
7/24/2017 2:20	19.79
7/24/2017 2:30	19.78
7/24/2017 2:40	19.77
7/24/2017 2:50	19.75
7/24/2017 3:00	19.73
7/24/2017 3:10	19.71
7/24/2017 3:20	19.69
7/24/2017 3:30	19.67
7/24/2017 3:40	19.65
7/24/2017 3:50	19.63
7/24/2017 4:00	19.60
7/24/2017 4:10	19.58
7/24/2017 4:20	19.55
7/24/2017 4:30	19.53
7/24/2017 4:40	19.50
7/24/2017 4:50	19.47
7/24/2017 5:00	19.46
7/24/2017 5:10	19.43
7/24/2017 5:20	19.41
7/24/2017 5:30	19.39
7/24/2017 5:40	19.36
7/24/2017 5:50	19.33
7/24/2017 6:00	19.32
7/24/2017 6:10	19.29
7/24/2017 6:20	19.27
7/24/2017 6:30	19.25
7/24/2017 6:40	19.23
7/24/2017 6:50	19.21
7/24/2017 7:00	19.20
7/24/2017 7:10	19.18
7/24/2017 7:20	19.17
7/24/2017 7:30	19.15
7/24/2017 7:40	19.14
7/24/2017 7:50	19.13
7/24/2017 8:00	19.13

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/24/2017 8:10	19.13
7/24/2017 8:20	19.12
7/24/2017 8:30	19.13
7/24/2017 8:40	19.14
7/24/2017 8:50	19.15
7/24/2017 9:00	19.16
7/24/2017 9:10	19.18
7/24/2017 9:20	19.20
7/24/2017 9:30	19.23
7/24/2017 9:40	19.27
7/24/2017 9:50	19.30
7/24/2017 10:00	19.33
7/24/2017 10:10	19.38
7/24/2017 10:20	19.42
7/24/2017 10:30	19.47
7/24/2017 10:40	19.54
7/24/2017 10:50	19.61
7/24/2017 11:00	19.68
7/24/2017 11:10	19.77
7/24/2017 11:20	19.86
7/24/2017 11:30	19.96
7/24/2017 11:40	20.06
7/24/2017 11:50	20.16
7/24/2017 12:00	20.26
7/24/2017 12:10	20.37
7/24/2017 12:20	20.47
7/24/2017 12:30	20.57
7/24/2017 12:40	20.67
7/24/2017 12:50	20.81
7/24/2017 13:00	20.92
7/24/2017 13:10	21.02
7/24/2017 13:20	21.13
7/24/2017 13:30	21.20
7/24/2017 13:40	21.24
7/24/2017 13:50	21.20
7/24/2017 14:00	20.74
7/24/2017 14:10	20.22
7/24/2017 14:20	19.89
7/24/2017 14:30	19.82
7/24/2017 14:40	19.78

Date/Time	Temp (°C)
7/24/2017 14:50	19.78
7/24/2017 15:00	19.81
7/24/2017 15:10	19.79
7/24/2017 15:20	19.82
7/24/2017 15:30	19.88
7/24/2017 15:40	19.95
7/24/2017 15:50	19.93
7/24/2017 16:00	19.91
7/24/2017 16:10	19.89
7/24/2017 16:20	20.04
7/24/2017 16:30	20.42
7/24/2017 16:40	20.71
7/24/2017 16:50	20.89
7/24/2017 17:00	21.08
7/24/2017 17:10	21.25
7/24/2017 17:20	21.44
7/24/2017 17:30	21.52
7/24/2017 17:40	21.53
7/24/2017 17:50	21.59
7/24/2017 18:00	21.64
7/24/2017 18:10	21.65
7/24/2017 18:20	21.62
7/24/2017 18:30	21.61
7/24/2017 18:40	21.62
7/24/2017 18:50	21.58
7/24/2017 19:00	21.52
7/24/2017 19:10	21.48
7/24/2017 19:20	21.42
7/24/2017 19:30	21.37
7/24/2017 19:40	21.34
7/24/2017 19:50	21.29
7/24/2017 20:00	21.24
7/24/2017 20:10	21.20
7/24/2017 20:20	21.15
7/24/2017 20:30	21.11
7/24/2017 20:40	21.07
7/24/2017 20:50	21.03
7/24/2017 21:00	20.99
7/24/2017 21:10	20.96
7/24/2017 21:20	20.93

Date/Time	Temp (°C)
7/24/2017 21:30	20.90
7/24/2017 21:40	20.88
7/24/2017 21:50	20.85
7/24/2017 22:00	20.82
7/24/2017 22:10	20.79
7/24/2017 22:20	20.78
7/24/2017 22:30	20.75
7/24/2017 22:40	20.72
7/24/2017 22:50	20.68
7/24/2017 23:00	20.64
7/24/2017 23:10	20.62
7/24/2017 23:20	20.60
7/24/2017 23:30	20.57
7/24/2017 23:40	20.53
7/24/2017 23:50	20.51
7/25/2017 0:00	20.48
7/25/2017 0:10	20.46
7/25/2017 0:20	20.43
7/25/2017 0:30	20.40
7/25/2017 0:40	20.36
7/25/2017 0:50	20.32
7/25/2017 1:00	20.28
7/25/2017 1:10	20.24
7/25/2017 1:20	20.21
7/25/2017 1:30	20.17
7/25/2017 1:40	20.13
7/25/2017 1:50	20.09
7/25/2017 2:00	20.05
7/25/2017 2:10	20.02
7/25/2017 2:20	19.98
7/25/2017 2:30	19.95
7/25/2017 2:40	19.91
7/25/2017 2:50	19.86
7/25/2017 3:00	19.81
7/25/2017 3:10	19.76
7/25/2017 3:20	19.71
7/25/2017 3:30	19.66
7/25/2017 3:40	19.60
7/25/2017 3:50	19.55
7/25/2017 4:00	19.50

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/25/2017 4:10	19.44
7/25/2017 4:20	19.39
7/25/2017 4:30	19.34
7/25/2017 4:40	19.30
7/25/2017 4:50	19.25
7/25/2017 5:00	19.21
7/25/2017 5:10	19.16
7/25/2017 5:20	19.11
7/25/2017 5:30	19.06
7/25/2017 5:40	19.03
7/25/2017 5:50	18.98
7/25/2017 6:00	18.93
7/25/2017 6:10	18.90
7/25/2017 6:20	18.86
7/25/2017 6:30	18.81
7/25/2017 6:40	18.78
7/25/2017 6:50	18.75
7/25/2017 7:00	18.71
7/25/2017 7:10	18.68
7/25/2017 7:20	18.64
7/25/2017 7:30	18.61
7/25/2017 7:40	18.58
7/25/2017 7:50	18.57
7/25/2017 8:00	18.55
7/25/2017 8:10	18.54
7/25/2017 8:20	18.53
7/25/2017 8:30	18.53
7/25/2017 8:40	18.52
7/25/2017 8:50	18.52
7/25/2017 9:00	18.53
7/25/2017 9:10	18.54
7/25/2017 9:20	18.54
7/25/2017 9:30	18.54
7/25/2017 9:40	18.55
7/25/2017 9:50	18.56
7/25/2017 10:00	18.57
7/25/2017 10:10	18.57
7/25/2017 10:20	18.59
7/25/2017 10:30	18.60
7/25/2017 10:40	18.61

Date/Time	Temp (°C)
7/25/2017 10:50	18.63
7/25/2017 11:00	18.64
7/25/2017 11:10	18.64
7/25/2017 11:20	18.66
7/25/2017 11:30	18.66
7/25/2017 11:40	18.67
7/25/2017 11:50	18.68
7/25/2017 12:00	18.69
7/25/2017 12:10	18.69
7/25/2017 12:20	18.70
7/25/2017 12:30	18.72
7/25/2017 12:40	18.75
7/25/2017 12:50	18.77
7/25/2017 13:00	18.79
7/25/2017 13:10	18.81
7/25/2017 13:20	18.85
7/25/2017 13:30	18.86
7/25/2017 13:40	18.86
7/25/2017 13:50	18.87
7/25/2017 14:00	18.90
7/25/2017 14:10	18.95
7/25/2017 14:20	19.08
7/25/2017 14:30	19.13
7/25/2017 14:40	19.16
7/25/2017 14:50	19.17
7/25/2017 15:00	19.21
7/25/2017 15:10	19.24
7/25/2017 15:20	19.25
7/25/2017 15:30	19.24
7/25/2017 15:40	19.23
7/25/2017 15:50	19.19
7/25/2017 16:00	19.16
7/25/2017 16:10	18.60
7/25/2017 16:20	17.90
7/25/2017 16:30	17.61
7/25/2017 16:40	17.66
7/25/2017 16:50	17.64
7/25/2017 17:00	17.68
7/25/2017 17:10	17.58
7/25/2017 17:20	17.45

Date/Time	Temp (°C)
7/25/2017 17:30	17.38
7/25/2017 17:40	17.32
7/25/2017 17:50	17.29
7/25/2017 18:00	17.21
7/25/2017 18:10	17.13
7/25/2017 18:20	17.18
7/25/2017 18:30	17.30
7/25/2017 18:40	17.41
7/25/2017 18:50	17.44
7/25/2017 19:00	17.39
7/25/2017 19:10	17.35
7/25/2017 19:20	17.32
7/25/2017 19:30	17.31
7/25/2017 19:40	17.30
7/25/2017 19:50	17.26
7/25/2017 20:00	17.22
7/25/2017 20:10	17.19
7/25/2017 20:20	17.19
7/25/2017 20:30	17.16
7/25/2017 20:40	17.13
7/25/2017 20:50	17.12
7/25/2017 21:00	17.23
7/25/2017 21:10	17.45
7/25/2017 21:20	17.64
7/25/2017 21:30	17.79
7/25/2017 21:40	17.92
7/25/2017 21:50	18.02
7/25/2017 22:00	18.11
7/25/2017 22:10	18.15
7/25/2017 22:20	18.18
7/25/2017 22:30	18.19
7/25/2017 22:40	18.20
7/25/2017 22:50	18.21
7/25/2017 23:00	18.20
7/25/2017 23:10	18.19
7/25/2017 23:20	18.19
7/25/2017 23:30	18.19
7/25/2017 23:40	18.18
7/25/2017 23:50	18.17
7/26/2017 0:00	18.16

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/26/2017 0:10	18.16
7/26/2017 0:20	18.16
7/26/2017 0:30	18.15
7/26/2017 0:40	18.15
7/26/2017 0:50	18.14
7/26/2017 1:00	18.13
7/26/2017 1:10	18.11
7/26/2017 1:20	18.10
7/26/2017 1:30	18.09
7/26/2017 1:40	18.08
7/26/2017 1:50	18.07
7/26/2017 2:00	18.04
7/26/2017 2:10	18.02
7/26/2017 2:20	18.00
7/26/2017 2:30	17.98
7/26/2017 2:40	17.96
7/26/2017 2:50	17.93
7/26/2017 3:00	17.90
7/26/2017 3:10	17.88
7/26/2017 3:20	17.85
7/26/2017 3:30	17.83
7/26/2017 3:40	17.81
7/26/2017 3:50	17.79
7/26/2017 4:00	17.76
7/26/2017 4:10	17.73
7/26/2017 4:20	17.69
7/26/2017 4:30	17.65
7/26/2017 4:40	17.61
7/26/2017 4:50	17.58
7/26/2017 5:00	17.54
7/26/2017 5:10	17.50
7/26/2017 5:20	17.44
7/26/2017 5:30	17.38
7/26/2017 5:40	17.34
7/26/2017 5:50	17.30
7/26/2017 6:00	17.26
7/26/2017 6:10	17.23
7/26/2017 6:20	17.18
7/26/2017 6:30	17.14
7/26/2017 6:40	17.10

Date/Time	Temp (°C)
7/26/2017 6:50	17.06
7/26/2017 7:00	17.03
7/26/2017 7:10	17.00
7/26/2017 7:20	16.96
7/26/2017 7:30	16.94
7/26/2017 7:40	16.91
7/26/2017 7:50	16.87
7/26/2017 8:00	16.82
7/26/2017 8:10	16.78
7/26/2017 8:20	16.77
7/26/2017 8:30	16.76
7/26/2017 8:40	16.76
7/26/2017 8:50	16.78
7/26/2017 9:00	16.81
7/26/2017 9:10	16.84
7/26/2017 9:20	16.90
7/26/2017 9:30	16.96
7/26/2017 9:40	17.01
7/26/2017 9:50	17.08
7/26/2017 10:00	17.16
7/26/2017 10:10	17.24
7/26/2017 10:20	17.32
7/26/2017 10:30	17.39
7/26/2017 10:40	17.51
7/26/2017 10:50	17.61
7/26/2017 11:00	17.72
7/26/2017 11:10	17.83
7/26/2017 11:20	17.94
7/26/2017 11:30	18.12
7/26/2017 11:40	18.19
7/26/2017 11:50	18.34
7/26/2017 12:00	18.57
7/26/2017 12:10	18.75
7/26/2017 12:20	18.88
7/26/2017 12:30	19.05
7/26/2017 12:40	19.23
7/26/2017 12:50	19.39
7/26/2017 13:00	19.58
7/26/2017 13:10	19.82
7/26/2017 13:20	20.01

Date/Time	Temp (°C)
7/26/2017 13:30	20.17
7/26/2017 13:40	20.33
7/26/2017 13:50	20.48
7/26/2017 14:00	20.67
7/26/2017 14:10	20.84
7/26/2017 14:20	21.04
7/26/2017 14:30	21.23
7/26/2017 14:40	21.42
7/26/2017 14:50	21.59
7/26/2017 15:00	21.73
7/26/2017 15:10	21.80
7/26/2017 15:20	21.98
7/26/2017 15:30	22.05
7/26/2017 15:40	22.13
7/26/2017 15:50	22.11
7/26/2017 16:00	21.99
7/26/2017 16:10	21.84
7/26/2017 16:20	21.29
7/26/2017 16:30	20.32
7/26/2017 16:40	19.84
7/26/2017 16:50	19.82
7/26/2017 17:00	19.84
7/26/2017 17:10	19.79
7/26/2017 17:20	19.66
7/26/2017 17:30	19.53
7/26/2017 17:40	19.45
7/26/2017 17:50	19.38
7/26/2017 18:00	19.33
7/26/2017 18:10	19.30
7/26/2017 18:20	19.35
7/26/2017 18:30	19.37
7/26/2017 18:40	19.31
7/26/2017 18:50	19.11
7/26/2017 19:00	18.92
7/26/2017 19:10	18.69
7/26/2017 19:20	18.57
7/26/2017 19:30	18.52
7/26/2017 19:40	18.49
7/26/2017 19:50	18.44
7/26/2017 20:00	18.36

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/26/2017 20:10	18.31
7/26/2017 20:20	18.26
7/26/2017 20:30	18.24
7/26/2017 20:40	18.25
7/26/2017 20:50	18.27
7/26/2017 21:00	18.33
7/26/2017 21:10	18.37
7/26/2017 21:20	18.48
7/26/2017 21:30	18.69
7/26/2017 21:40	18.90
7/26/2017 21:50	19.07
7/26/2017 22:00	19.21
7/26/2017 22:10	19.33
7/26/2017 22:20	19.42
7/26/2017 22:30	19.50
7/26/2017 22:40	19.56
7/26/2017 22:50	19.62
7/26/2017 23:00	19.66
7/26/2017 23:10	19.69
7/26/2017 23:20	19.72
7/26/2017 23:30	19.73
7/26/2017 23:40	19.74
7/26/2017 23:50	19.74
7/27/2017 0:00	19.75
7/27/2017 0:10	19.75
7/27/2017 0:20	19.74
7/27/2017 0:30	19.74
7/27/2017 0:40	19.73
7/27/2017 0:50	19.72
7/27/2017 1:00	19.71
7/27/2017 1:10	19.70
7/27/2017 1:20	19.68
7/27/2017 1:30	19.67
7/27/2017 1:40	19.66
7/27/2017 1:50	19.65
7/27/2017 2:00	19.63
7/27/2017 2:10	19.61
7/27/2017 2:20	19.59
7/27/2017 2:30	19.58
7/27/2017 2:40	19.57

Date/Time	Temp (°C)
7/27/2017 2:50	19.56
7/27/2017 3:00	19.55
7/27/2017 3:10	19.53
7/27/2017 3:20	19.51
7/27/2017 3:30	19.50
7/27/2017 3:40	19.48
7/27/2017 3:50	19.47
7/27/2017 4:00	19.46
7/27/2017 4:10	19.44
7/27/2017 4:20	19.42
7/27/2017 4:30	19.40
7/27/2017 4:40	19.39
7/27/2017 4:50	19.37
7/27/2017 5:00	19.36
7/27/2017 5:10	19.34
7/27/2017 5:20	19.33
7/27/2017 5:30	19.30
7/27/2017 5:40	19.29
7/27/2017 5:50	19.27
7/27/2017 6:00	19.25
7/27/2017 6:10	19.23
7/27/2017 6:20	19.21
7/27/2017 6:30	19.19
7/27/2017 6:40	19.17
7/27/2017 6:50	19.15
7/27/2017 7:00	19.13
7/27/2017 7:10	19.11
7/27/2017 7:20	19.10
7/27/2017 7:30	19.09
7/27/2017 7:40	19.07
7/27/2017 7:50	19.07
7/27/2017 8:00	19.06
7/27/2017 8:10	19.07
7/27/2017 8:20	19.08
7/27/2017 8:30	19.13
7/27/2017 8:40	19.16
7/27/2017 8:50	19.18
7/27/2017 9:00	19.20
7/27/2017 9:10	19.23
7/27/2017 9:20	19.26

Date/Time	Temp (°C)
7/27/2017 9:30	19.36
7/27/2017 9:40	19.46
7/27/2017 9:50	19.48
7/27/2017 10:00	19.49
7/27/2017 10:10	19.54
7/27/2017 10:20	19.58
7/27/2017 10:30	19.63
7/27/2017 10:40	19.73
7/27/2017 10:50	19.84
7/27/2017 11:00	19.90
7/27/2017 11:10	19.96
7/27/2017 11:20	20.11
7/27/2017 11:30	20.27
7/27/2017 11:40	20.36
7/27/2017 11:50	20.52
7/27/2017 12:00	20.69
7/27/2017 12:10	20.84
7/27/2017 12:20	20.94
7/27/2017 12:30	21.00
7/27/2017 12:40	21.06
7/27/2017 12:50	21.09
7/27/2017 13:00	21.10
7/27/2017 13:10	21.14
7/27/2017 13:20	21.17
7/27/2017 13:30	21.18
7/27/2017 13:40	21.26
7/27/2017 13:50	21.38
7/27/2017 14:00	21.39
7/27/2017 14:10	21.36
7/27/2017 14:20	20.82
7/27/2017 14:30	19.66
7/27/2017 14:40	19.22
7/27/2017 14:50	19.44
7/27/2017 15:00	19.61
7/27/2017 15:10	19.61
7/27/2017 15:20	19.48
7/27/2017 15:30	19.27
7/27/2017 15:40	19.03
7/27/2017 15:50	18.83
7/27/2017 16:00	18.77

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/27/2017 16:10	18.80
7/27/2017 16:20	18.83
7/27/2017 16:30	18.83
7/27/2017 16:40	18.68
7/27/2017 16:50	18.52
7/27/2017 17:00	18.55
7/27/2017 17:10	18.62
7/27/2017 17:20	18.65
7/27/2017 17:30	18.64
7/27/2017 17:40	18.60
7/27/2017 17:50	18.45
7/27/2017 18:00	18.27
7/27/2017 18:10	18.11
7/27/2017 18:20	17.95
7/27/2017 18:30	17.86
7/27/2017 18:40	17.74
7/27/2017 18:50	17.82
7/27/2017 19:00	17.94
7/27/2017 19:10	18.07
7/27/2017 19:20	17.99
7/27/2017 19:30	17.87
7/27/2017 19:40	17.81
7/27/2017 19:50	17.76
7/27/2017 20:00	17.73
7/27/2017 20:10	17.73
7/27/2017 20:20	17.70
7/27/2017 20:30	17.71
7/27/2017 20:40	17.71
7/27/2017 20:50	17.70
7/27/2017 21:00	17.69
7/27/2017 21:10	17.67
7/27/2017 21:20	17.68
7/27/2017 21:30	17.71
7/27/2017 21:40	17.80
7/27/2017 21:50	18.03
7/27/2017 22:00	18.30
7/27/2017 22:10	18.55
7/27/2017 22:20	18.76
7/27/2017 22:30	18.96
7/27/2017 22:40	19.12

Date/Time	Temp (°C)
7/27/2017 22:50	19.25
7/27/2017 23:00	19.39
7/27/2017 23:10	19.50
7/27/2017 23:20	19.60
7/27/2017 23:30	19.68
7/27/2017 23:40	19.75
7/27/2017 23:50	19.80
7/28/2017 0:00	19.85
7/28/2017 0:10	19.90
7/28/2017 0:20	19.93
7/28/2017 0:30	19.96
7/28/2017 0:40	19.99
7/28/2017 0:50	20.01
7/28/2017 1:00	20.02
7/28/2017 1:10	20.02
7/28/2017 1:20	20.03
7/28/2017 1:30	20.04
7/28/2017 1:40	20.04
7/28/2017 1:50	20.04
7/28/2017 2:00	20.04
7/28/2017 2:10	20.03
7/28/2017 2:20	20.03
7/28/2017 2:30	20.03
7/28/2017 2:40	20.02
7/28/2017 2:50	20.02
7/28/2017 3:00	20.01
7/28/2017 3:10	20.01
7/28/2017 3:20	20.00
7/28/2017 3:30	19.99
7/28/2017 3:40	19.99
7/28/2017 3:50	19.99
7/28/2017 4:00	19.99
7/28/2017 4:10	19.98
7/28/2017 4:20	19.98
7/28/2017 4:30	19.97
7/28/2017 4:40	19.97
7/28/2017 4:50	19.96
7/28/2017 5:00	19.95
7/28/2017 5:10	19.94
7/28/2017 5:20	19.93

Date/Time	Temp (°C)
7/28/2017 5:30	19.91
7/28/2017 5:40	19.90
7/28/2017 5:50	19.88
7/28/2017 6:00	19.86
7/28/2017 6:10	19.84
7/28/2017 6:20	19.83
7/28/2017 6:30	19.81
7/28/2017 6:40	19.79
7/28/2017 6:50	19.77
7/28/2017 7:00	19.76
7/28/2017 7:10	19.75
7/28/2017 7:20	19.73
7/28/2017 7:30	19.73
7/28/2017 7:40	19.72
7/28/2017 7:50	19.72
7/28/2017 8:00	19.71
7/28/2017 8:10	19.70
7/28/2017 8:20	19.70
7/28/2017 8:30	19.70
7/28/2017 8:40	19.70
7/28/2017 8:50	19.69
7/28/2017 9:00	19.69
7/28/2017 9:10	19.69
7/28/2017 9:20	19.67
7/28/2017 9:30	19.68
7/28/2017 9:40	19.69
7/28/2017 9:50	19.72
7/28/2017 10:00	19.74
7/28/2017 10:10	19.74
7/28/2017 10:20	19.75
7/28/2017 10:30	19.81
7/28/2017 10:40	19.83
7/28/2017 10:50	19.86
7/28/2017 11:00	19.90
7/28/2017 11:10	19.93
7/28/2017 11:20	19.96
7/28/2017 11:30	20.01
7/28/2017 11:40	20.04
7/28/2017 11:50	20.10
7/28/2017 12:00	20.13

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/28/2017 12:10	20.17
7/28/2017 12:20	20.21
7/28/2017 12:30	20.24
7/28/2017 12:40	20.27
7/28/2017 12:50	20.24
7/28/2017 13:00	20.13
7/28/2017 13:10	19.26
7/28/2017 13:20	18.04
7/28/2017 13:30	18.19
7/28/2017 13:40	18.28
7/28/2017 13:50	18.31
7/28/2017 14:00	18.36
7/28/2017 14:10	18.39
7/28/2017 14:20	18.42
7/28/2017 14:30	18.45
7/28/2017 14:40	18.46
7/28/2017 14:50	18.49
7/28/2017 15:00	18.49
7/28/2017 15:10	18.49
7/28/2017 15:20	18.49
7/28/2017 15:30	18.46
7/28/2017 15:40	18.45
7/28/2017 15:50	18.44
7/28/2017 16:00	18.43
7/28/2017 16:10	18.47
7/28/2017 16:20	18.53
7/28/2017 16:30	18.57
7/28/2017 16:40	18.53
7/28/2017 16:50	18.38
7/28/2017 17:00	18.36
7/28/2017 17:10	18.42
7/28/2017 17:20	18.42
7/28/2017 17:30	18.27
7/28/2017 17:40	18.23
7/28/2017 17:50	18.22
7/28/2017 18:00	18.12
7/28/2017 18:10	17.95
7/28/2017 18:20	17.89
7/28/2017 18:30	17.98
7/28/2017 18:40	18.10

Date/Time	Temp (°C)
7/28/2017 18:50	18.14
7/28/2017 19:00	18.11
7/28/2017 19:10	18.16
7/28/2017 19:20	18.16
7/28/2017 19:30	18.17
7/28/2017 19:40	18.05
7/28/2017 19:50	18.02
7/28/2017 20:00	18.10
7/28/2017 20:10	18.04
7/28/2017 20:20	17.91
7/28/2017 20:30	17.94
7/28/2017 20:40	17.97
7/28/2017 20:50	17.99
7/28/2017 21:00	18.08
7/28/2017 21:10	18.14
7/28/2017 21:20	18.23
7/28/2017 21:30	18.19
7/28/2017 21:40	18.21
7/28/2017 21:50	18.37
7/28/2017 22:00	18.34
7/28/2017 22:10	18.27
7/28/2017 22:20	18.33
7/28/2017 22:30	18.49
7/28/2017 22:40	18.60
7/28/2017 22:50	18.80
7/28/2017 23:00	18.99
7/28/2017 23:10	19.10
7/28/2017 23:20	19.16
7/28/2017 23:30	19.20
7/28/2017 23:40	19.23
7/28/2017 23:50	19.25
7/29/2017 0:00	19.25
7/29/2017 0:10	19.25
7/29/2017 0:20	19.24
7/29/2017 0:30	19.23
7/29/2017 0:40	19.20
7/29/2017 0:50	19.17
7/29/2017 1:00	19.14
7/29/2017 1:10	19.10
7/29/2017 1:20	19.07

Date/Time	Temp (°C)
7/29/2017 1:30	19.05
7/29/2017 1:40	19.03
7/29/2017 1:50	19.00
7/29/2017 2:00	18.98
7/29/2017 2:10	18.95
7/29/2017 2:20	18.94
7/29/2017 2:30	18.93
7/29/2017 2:40	18.92
7/29/2017 2:50	18.91
7/29/2017 3:00	18.89
7/29/2017 3:10	18.87
7/29/2017 3:20	18.84
7/29/2017 3:30	18.81
7/29/2017 3:40	18.79
7/29/2017 3:50	18.77
7/29/2017 4:00	18.74
7/29/2017 4:10	18.72
7/29/2017 4:20	18.70
7/29/2017 4:30	18.69
7/29/2017 4:40	18.67
7/29/2017 4:50	18.65
7/29/2017 5:00	18.63
7/29/2017 5:10	18.62
7/29/2017 5:20	18.61
7/29/2017 5:30	18.59
7/29/2017 5:40	18.57
7/29/2017 5:50	18.55
7/29/2017 6:00	18.53
7/29/2017 6:10	18.51
7/29/2017 6:20	18.49
7/29/2017 6:30	18.46
7/29/2017 6:40	18.43
7/29/2017 6:50	18.40
7/29/2017 7:00	18.37
7/29/2017 7:10	18.34
7/29/2017 7:20	18.31
7/29/2017 7:30	18.28
7/29/2017 7:40	18.24
7/29/2017 7:50	18.21
7/29/2017 8:00	18.15

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/29/2017 8:10	18.11
7/29/2017 8:20	18.06
7/29/2017 8:30	18.01
7/29/2017 8:40	17.96
7/29/2017 8:50	17.91
7/29/2017 9:00	17.85
7/29/2017 9:10	17.79
7/29/2017 9:20	17.74
7/29/2017 9:30	17.69
7/29/2017 9:40	17.64
7/29/2017 9:50	17.59
7/29/2017 10:00	17.54
7/29/2017 10:10	17.52
7/29/2017 10:20	17.50
7/29/2017 10:30	17.38
7/29/2017 10:40	17.20
7/29/2017 10:50	17.27
7/29/2017 11:00	17.37
7/29/2017 11:10	17.42
7/29/2017 11:20	17.44
7/29/2017 11:30	17.45
7/29/2017 11:40	17.45
7/29/2017 11:50	17.46
7/29/2017 12:00	17.46
7/29/2017 12:10	17.46
7/29/2017 12:20	17.45
7/29/2017 12:30	17.45
7/29/2017 12:40	17.45
7/29/2017 12:50	17.44
7/29/2017 13:00	17.44
7/29/2017 13:10	17.45
7/29/2017 13:20	17.46
7/29/2017 13:30	17.47
7/29/2017 13:40	17.48
7/29/2017 13:50	17.50
7/29/2017 14:00	17.50
7/29/2017 14:10	17.51
7/29/2017 14:20	17.53
7/29/2017 14:30	17.57
7/29/2017 14:40	17.56

Date/Time	Temp (°C)
7/29/2017 14:50	17.57
7/29/2017 15:00	17.60
7/29/2017 15:10	17.64
7/29/2017 15:20	17.64
7/29/2017 15:30	17.67
7/29/2017 15:40	17.69
7/29/2017 15:50	17.72
7/29/2017 16:00	17.70
7/29/2017 16:10	17.71
7/29/2017 16:20	17.71
7/29/2017 16:30	17.71
7/29/2017 16:40	17.70
7/29/2017 16:50	17.69
7/29/2017 17:00	17.71
7/29/2017 17:10	17.71
7/29/2017 17:20	17.73
7/29/2017 17:30	17.72
7/29/2017 17:40	17.72
7/29/2017 17:50	17.70
7/29/2017 18:00	17.70
7/29/2017 18:10	17.68
7/29/2017 18:20	17.67
7/29/2017 18:30	17.66
7/29/2017 18:40	17.64
7/29/2017 18:50	17.63
7/29/2017 19:00	17.61
7/29/2017 19:10	17.60
7/29/2017 19:20	17.59
7/29/2017 19:30	17.57
7/29/2017 19:40	17.56
7/29/2017 19:50	17.55
7/29/2017 20:00	17.55
7/29/2017 20:10	17.54
7/29/2017 20:20	17.53
7/29/2017 20:30	17.53
7/29/2017 20:40	17.52
7/29/2017 20:50	17.52
7/29/2017 21:00	17.52
7/29/2017 21:10	17.51
7/29/2017 21:20	17.51

Date/Time	Temp (°C)
7/29/2017 21:30	17.50
7/29/2017 21:40	17.50
7/29/2017 21:50	17.49
7/29/2017 22:00	17.49
7/29/2017 22:10	17.49
7/29/2017 22:20	17.49
7/29/2017 22:30	17.49
7/29/2017 22:40	17.49
7/29/2017 22:50	17.49
7/29/2017 23:00	17.49
7/29/2017 23:10	17.49
7/29/2017 23:20	17.49
7/29/2017 23:30	17.48
7/29/2017 23:40	17.48
7/29/2017 23:50	17.48
7/30/2017 0:00	17.47
7/30/2017 0:10	17.47
7/30/2017 0:20	17.46
7/30/2017 0:30	17.46
7/30/2017 0:40	17.45
7/30/2017 0:50	17.44
7/30/2017 1:00	17.43
7/30/2017 1:10	17.42
7/30/2017 1:20	17.41
7/30/2017 1:30	17.39
7/30/2017 1:40	17.38
7/30/2017 1:50	17.36
7/30/2017 2:00	17.34
7/30/2017 2:10	17.32
7/30/2017 2:20	17.30
7/30/2017 2:30	17.29
7/30/2017 2:40	17.27
7/30/2017 2:50	17.25
7/30/2017 3:00	17.23
7/30/2017 3:10	17.21
7/30/2017 3:20	17.18
7/30/2017 3:30	17.16
7/30/2017 3:40	17.14
7/30/2017 3:50	17.12
7/30/2017 4:00	17.10

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/30/2017 4:10	17.07
7/30/2017 4:20	17.05
7/30/2017 4:30	17.03
7/30/2017 4:40	17.00
7/30/2017 4:50	16.98
7/30/2017 5:00	16.96
7/30/2017 5:10	16.94
7/30/2017 5:20	16.91
7/30/2017 5:30	16.89
7/30/2017 5:40	16.86
7/30/2017 5:50	16.84
7/30/2017 6:00	16.82
7/30/2017 6:10	16.79
7/30/2017 6:20	16.77
7/30/2017 6:30	16.75
7/30/2017 6:40	16.72
7/30/2017 6:50	16.70
7/30/2017 7:00	16.68
7/30/2017 7:10	16.66
7/30/2017 7:20	16.64
7/30/2017 7:30	16.62
7/30/2017 7:40	16.60
7/30/2017 7:50	16.58
7/30/2017 8:00	16.56
7/30/2017 8:10	16.54
7/30/2017 8:20	16.52
7/30/2017 8:30	16.50
7/30/2017 8:40	16.48
7/30/2017 8:50	16.46
7/30/2017 9:00	16.45
7/30/2017 9:10	16.43
7/30/2017 9:20	16.43
7/30/2017 9:30	16.42
7/30/2017 9:40	16.42
7/30/2017 9:50	16.43
7/30/2017 10:00	16.43
7/30/2017 10:10	16.45
7/30/2017 10:20	16.46
7/30/2017 10:30	16.47
7/30/2017 10:40	16.49

Date/Time	Temp (°C)
7/30/2017 10:50	16.51
7/30/2017 11:00	16.53
7/30/2017 11:10	16.55
7/30/2017 11:20	16.57
7/30/2017 11:30	16.60
7/30/2017 11:40	16.62
7/30/2017 11:50	16.65
7/30/2017 12:00	16.69
7/30/2017 12:10	16.72
7/30/2017 12:20	16.75
7/30/2017 12:30	16.78
7/30/2017 12:40	16.82
7/30/2017 12:50	16.85
7/30/2017 13:00	16.88
7/30/2017 13:10	16.91
7/30/2017 13:20	16.95
7/30/2017 13:30	16.99
7/30/2017 13:40	17.00
7/30/2017 13:50	17.04
7/30/2017 14:00	17.06
7/30/2017 14:10	17.07
7/30/2017 14:20	17.06
7/30/2017 14:30	17.04
7/30/2017 14:40	17.06
7/30/2017 14:50	17.07
7/30/2017 15:00	17.09
7/30/2017 15:10	17.09
7/30/2017 15:20	17.14
7/30/2017 15:30	17.14
7/30/2017 15:40	17.16
7/30/2017 15:50	17.17
7/30/2017 16:00	17.19
7/30/2017 16:10	17.20
7/30/2017 16:20	17.24
7/30/2017 16:30	17.27
7/30/2017 16:40	17.28
7/30/2017 16:50	17.29
7/30/2017 17:00	17.30
7/30/2017 17:10	17.32
7/30/2017 17:20	17.32

Date/Time	Temp (°C)
7/30/2017 17:30	17.32
7/30/2017 17:40	17.32
7/30/2017 17:50	17.32
7/30/2017 18:00	17.32
7/30/2017 18:10	17.30
7/30/2017 18:20	17.28
7/30/2017 18:30	17.26
7/30/2017 18:40	17.24
7/30/2017 18:50	17.23
7/30/2017 19:00	17.20
7/30/2017 19:10	17.19
7/30/2017 19:20	17.18
7/30/2017 19:30	17.17
7/30/2017 19:40	17.16
7/30/2017 19:50	17.15
7/30/2017 20:00	17.15
7/30/2017 20:10	17.14
7/30/2017 20:20	17.14
7/30/2017 20:30	17.14
7/30/2017 20:40	17.14
7/30/2017 20:50	17.15
7/30/2017 21:00	17.16
7/30/2017 21:10	17.16
7/30/2017 21:20	17.17
7/30/2017 21:30	17.18
7/30/2017 21:40	17.18
7/30/2017 21:50	17.18
7/30/2017 22:00	17.18
7/30/2017 22:10	17.19
7/30/2017 22:20	17.19
7/30/2017 22:30	17.19
7/30/2017 22:40	17.20
7/30/2017 22:50	17.20
7/30/2017 23:00	17.21
7/30/2017 23:10	17.21
7/30/2017 23:20	17.21
7/30/2017 23:30	17.22
7/30/2017 23:40	17.22
7/30/2017 23:50	17.23
7/31/2017 0:00	17.23

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/31/2017 0:10	17.24
7/31/2017 0:20	17.24
7/31/2017 0:30	17.24
7/31/2017 0:40	17.24
7/31/2017 0:50	17.25
7/31/2017 1:00	17.25
7/31/2017 1:10	17.25
7/31/2017 1:20	17.25
7/31/2017 1:30	17.25
7/31/2017 1:40	17.25
7/31/2017 1:50	17.24
7/31/2017 2:00	17.24
7/31/2017 2:10	17.23
7/31/2017 2:20	17.22
7/31/2017 2:30	17.21
7/31/2017 2:40	17.21
7/31/2017 2:50	17.20
7/31/2017 3:00	17.20
7/31/2017 3:10	17.19
7/31/2017 3:20	17.18
7/31/2017 3:30	17.18
7/31/2017 3:40	17.17
7/31/2017 3:50	17.17
7/31/2017 4:00	17.16
7/31/2017 4:10	17.16
7/31/2017 4:20	17.16
7/31/2017 4:30	17.15
7/31/2017 4:40	17.15
7/31/2017 4:50	17.15
7/31/2017 5:00	17.14
7/31/2017 5:10	17.14
7/31/2017 5:20	17.13
7/31/2017 5:30	17.12
7/31/2017 5:40	17.12
7/31/2017 5:50	17.11
7/31/2017 6:00	17.11
7/31/2017 6:10	17.10
7/31/2017 6:20	17.09
7/31/2017 6:30	17.08
7/31/2017 6:40	17.07

Date/Time	Temp (°C)
7/31/2017 6:50	17.06
7/31/2017 7:00	17.06
7/31/2017 7:10	17.06
7/31/2017 7:20	17.05
7/31/2017 7:30	17.04
7/31/2017 7:40	17.04
7/31/2017 7:50	17.04
7/31/2017 8:00	17.03
7/31/2017 8:10	17.03
7/31/2017 8:20	17.03
7/31/2017 8:30	17.03
7/31/2017 8:40	17.04
7/31/2017 8:50	17.05
7/31/2017 9:00	17.06
7/31/2017 9:10	17.07
7/31/2017 9:20	17.09
7/31/2017 9:30	17.11
7/31/2017 9:40	17.14
7/31/2017 9:50	17.17
7/31/2017 10:00	17.20
7/31/2017 10:10	17.24
7/31/2017 10:20	17.28
7/31/2017 10:30	17.32
7/31/2017 10:40	17.37
7/31/2017 10:50	17.42
7/31/2017 11:00	17.47
7/31/2017 11:10	17.53
7/31/2017 11:20	17.59
7/31/2017 11:30	17.65
7/31/2017 11:40	17.71
7/31/2017 11:50	17.78
7/31/2017 12:00	17.84
7/31/2017 12:10	17.91
7/31/2017 12:20	18.01
7/31/2017 12:30	18.11
7/31/2017 12:40	18.14
7/31/2017 12:50	18.08
7/31/2017 13:00	18.12
7/31/2017 13:10	18.13
7/31/2017 13:20	18.20

Date/Time	Temp (°C)
7/31/2017 13:30	18.27
7/31/2017 13:40	18.34
7/31/2017 13:50	18.44
7/31/2017 14:00	18.55
7/31/2017 14:10	18.60
7/31/2017 14:20	18.66
7/31/2017 14:30	18.68
7/31/2017 14:40	18.72
7/31/2017 14:50	18.84
7/31/2017 15:00	18.92
7/31/2017 15:10	18.97
7/31/2017 15:20	18.93
7/31/2017 15:30	18.91
7/31/2017 15:40	18.58
7/31/2017 15:50	18.71
7/31/2017 16:00	18.72
7/31/2017 16:10	18.71
7/31/2017 16:20	18.76
7/31/2017 16:30	18.75
7/31/2017 16:40	18.76
7/31/2017 16:50	18.75
7/31/2017 17:00	18.72
7/31/2017 17:10	18.69
7/31/2017 17:20	18.69
7/31/2017 17:30	18.67
7/31/2017 17:40	18.64
7/31/2017 17:50	18.60
7/31/2017 18:00	18.55
7/31/2017 18:10	18.50
7/31/2017 18:20	18.47
7/31/2017 18:30	18.43
7/31/2017 18:40	18.39
7/31/2017 18:50	18.35
7/31/2017 19:00	18.30
7/31/2017 19:10	18.27
7/31/2017 19:20	18.22
7/31/2017 19:30	18.19
7/31/2017 19:40	18.14
7/31/2017 19:50	18.11
7/31/2017 20:00	18.08

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
7/31/2017 20:10	18.07
7/31/2017 20:20	18.05
7/31/2017 20:30	18.04
7/31/2017 20:40	18.04
7/31/2017 20:50	18.03
7/31/2017 21:00	18.03
7/31/2017 21:10	18.04
7/31/2017 21:20	18.05
7/31/2017 21:30	18.06
7/31/2017 21:40	18.07
7/31/2017 21:50	18.07
7/31/2017 22:00	18.08
7/31/2017 22:10	18.09
7/31/2017 22:20	18.09
7/31/2017 22:30	18.09
7/31/2017 22:40	18.09
7/31/2017 22:50	18.09
7/31/2017 23:00	18.09
7/31/2017 23:10	18.08
7/31/2017 23:20	18.09
7/31/2017 23:30	18.09
7/31/2017 23:40	18.10
7/31/2017 23:50	18.10
8/1/2017 0:00	18.10
8/1/2017 0:10	18.12
8/1/2017 0:20	18.13
8/1/2017 0:30	18.13
8/1/2017 0:40	18.13
8/1/2017 0:50	18.13
8/1/2017 1:00	18.12
8/1/2017 1:10	18.11
8/1/2017 1:20	18.10
8/1/2017 1:30	18.08
8/1/2017 1:40	18.07
8/1/2017 1:50	18.04
8/1/2017 2:00	18.02
8/1/2017 2:10	17.98
8/1/2017 2:20	17.94
8/1/2017 2:30	17.90
8/1/2017 2:40	17.86

Date/Time	Temp (°C)
8/1/2017 2:50	17.82
8/1/2017 3:00	17.77
8/1/2017 3:10	17.73
8/1/2017 3:20	17.70
8/1/2017 3:30	17.66
8/1/2017 3:40	17.62
8/1/2017 3:50	17.59
8/1/2017 4:00	17.55
8/1/2017 4:10	17.53
8/1/2017 4:20	17.50
8/1/2017 4:30	17.48
8/1/2017 4:40	17.46
8/1/2017 4:50	17.44
8/1/2017 5:00	17.43
8/1/2017 5:10	17.41
8/1/2017 5:20	17.40
8/1/2017 5:30	17.38
8/1/2017 5:40	17.37
8/1/2017 5:50	17.36
8/1/2017 6:00	17.34
8/1/2017 6:10	17.32
8/1/2017 6:20	17.31
8/1/2017 6:30	17.29
8/1/2017 6:40	17.28
8/1/2017 6:50	17.26
8/1/2017 7:00	17.25
8/1/2017 7:10	17.24
8/1/2017 7:20	17.24
8/1/2017 7:30	17.23
8/1/2017 7:40	17.23
8/1/2017 7:50	17.23
8/1/2017 8:00	17.23
8/1/2017 8:10	17.24
8/1/2017 8:20	17.24
8/1/2017 8:30	17.25
8/1/2017 8:40	17.25
8/1/2017 8:50	17.23
8/1/2017 9:00	17.24
8/1/2017 9:10	17.11
8/1/2017 9:20	17.07

Date/Time	Temp (°C)
8/1/2017 9:30	17.06
8/1/2017 9:40	17.02
8/1/2017 9:50	17.03
8/1/2017 10:00	17.08
8/1/2017 10:10	17.17
8/1/2017 10:20	17.21
8/1/2017 10:30	17.19
8/1/2017 10:40	17.21
8/1/2017 10:50	17.20
8/1/2017 11:00	17.26
8/1/2017 11:10	17.27
8/1/2017 11:20	17.32
8/1/2017 11:30	17.47
8/1/2017 11:40	17.63
8/1/2017 11:50	17.76
8/1/2017 12:00	17.88
8/1/2017 12:10	17.99
8/1/2017 12:20	18.05
8/1/2017 12:30	18.19
8/1/2017 12:40	18.30
8/1/2017 12:50	18.42
8/1/2017 13:00	18.49
8/1/2017 13:10	18.52
8/1/2017 13:20	18.58
8/1/2017 13:30	18.70
8/1/2017 13:40	18.69
8/1/2017 13:50	18.77
8/1/2017 14:00	18.79
8/1/2017 14:10	18.86
8/1/2017 14:20	18.78
8/1/2017 14:30	18.88
8/1/2017 14:40	18.98
8/1/2017 14:50	19.12
8/1/2017 15:00	19.24
8/1/2017 15:10	19.22
8/1/2017 15:20	18.97
8/1/2017 15:30	18.84
8/1/2017 15:40	18.83
8/1/2017 15:50	18.76
8/1/2017 16:00	18.72

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/1/2017 16:10	18.70
8/1/2017 16:20	18.63
8/1/2017 16:30	18.50
8/1/2017 16:40	18.49
8/1/2017 16:50	18.55
8/1/2017 17:00	18.64
8/1/2017 17:10	18.65
8/1/2017 17:20	18.63
8/1/2017 17:30	18.56
8/1/2017 17:40	18.49
8/1/2017 17:50	18.41
8/1/2017 18:00	18.33
8/1/2017 18:10	18.25
8/1/2017 18:20	18.17
8/1/2017 18:30	18.11
8/1/2017 18:40	18.07
8/1/2017 18:50	18.00
8/1/2017 19:00	17.96
8/1/2017 19:10	17.97
8/1/2017 19:20	17.96
8/1/2017 19:30	17.90
8/1/2017 19:40	17.85
8/1/2017 19:50	17.88
8/1/2017 20:00	17.85
8/1/2017 20:10	17.83
8/1/2017 20:20	17.80
8/1/2017 20:30	17.83
8/1/2017 20:40	17.84
8/1/2017 20:50	17.83
8/1/2017 21:00	17.80
8/1/2017 21:10	17.76
8/1/2017 21:20	17.72
8/1/2017 21:30	17.70
8/1/2017 21:40	17.74
8/1/2017 21:50	17.69
8/1/2017 22:00	17.66
8/1/2017 22:10	17.66
8/1/2017 22:20	17.71
8/1/2017 22:30	17.73
8/1/2017 22:40	17.75

Date/Time	Temp (°C)
8/1/2017 22:50	17.77
8/1/2017 23:00	17.79
8/1/2017 23:10	17.82
8/1/2017 23:20	17.87
8/1/2017 23:30	17.95
8/1/2017 23:40	17.97
8/1/2017 23:50	17.95
8/2/2017 0:00	17.86
8/2/2017 0:10	17.83
8/2/2017 0:20	17.82
8/2/2017 0:30	17.87
8/2/2017 0:40	17.81
8/2/2017 0:50	17.79
8/2/2017 1:00	17.78
8/2/2017 1:10	17.77
8/2/2017 1:20	17.71
8/2/2017 1:30	17.70
8/2/2017 1:40	17.77
8/2/2017 1:50	17.83
8/2/2017 2:00	17.85
8/2/2017 2:10	17.80
8/2/2017 2:20	17.78
8/2/2017 2:30	17.85
8/2/2017 2:40	17.90
8/2/2017 2:50	17.93
8/2/2017 3:00	17.95
8/2/2017 3:10	17.96
8/2/2017 3:20	17.96
8/2/2017 3:30	17.96
8/2/2017 3:40	17.96
8/2/2017 3:50	17.95
8/2/2017 4:00	17.94
8/2/2017 4:10	17.92
8/2/2017 4:20	17.90
8/2/2017 4:30	17.89
8/2/2017 4:40	17.88
8/2/2017 4:50	17.86
8/2/2017 5:00	17.84
8/2/2017 5:10	17.82
8/2/2017 5:20	17.80

Date/Time	Temp (°C)
8/2/2017 5:30	17.77
8/2/2017 5:40	17.75
8/2/2017 5:50	17.72
8/2/2017 6:00	17.70
8/2/2017 6:10	17.67
8/2/2017 6:20	17.64
8/2/2017 6:30	17.61
8/2/2017 6:40	17.59
8/2/2017 6:50	17.56
8/2/2017 7:00	17.55
8/2/2017 7:10	17.52
8/2/2017 7:20	17.50
8/2/2017 7:30	17.48
8/2/2017 7:40	17.47
8/2/2017 7:50	17.47
8/2/2017 8:00	17.48
8/2/2017 8:10	17.49
8/2/2017 8:20	17.49
8/2/2017 8:30	17.50
8/2/2017 8:40	17.52
8/2/2017 8:50	17.55
8/2/2017 9:00	17.43
8/2/2017 9:10	16.95
8/2/2017 9:20	17.04
8/2/2017 9:30	17.22
8/2/2017 9:40	17.31
8/2/2017 9:50	17.49
8/2/2017 10:00	17.62
8/2/2017 10:10	17.66
8/2/2017 10:20	17.82
8/2/2017 10:30	17.96
8/2/2017 10:40	18.04
8/2/2017 10:50	18.15
8/2/2017 11:00	18.21
8/2/2017 11:10	18.23
8/2/2017 11:20	18.32
8/2/2017 11:30	18.23
8/2/2017 11:40	18.28
8/2/2017 11:50	18.39
8/2/2017 12:00	18.51

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/2/2017 12:10	18.69
8/2/2017 12:20	18.85
8/2/2017 12:30	18.96
8/2/2017 12:40	19.04
8/2/2017 12:50	19.07
8/2/2017 13:00	19.10
8/2/2017 13:10	19.05
8/2/2017 13:20	19.05
8/2/2017 13:30	19.09
8/2/2017 13:40	19.24
8/2/2017 13:50	19.21
8/2/2017 14:00	19.27
8/2/2017 14:10	19.24
8/2/2017 14:20	19.16
8/2/2017 14:30	19.09
8/2/2017 14:40	19.11
8/2/2017 14:50	19.21
8/2/2017 15:00	19.39
8/2/2017 15:10	19.50
8/2/2017 15:20	19.55
8/2/2017 15:30	19.57
8/2/2017 15:40	19.62
8/2/2017 15:50	19.53
8/2/2017 16:00	19.49
8/2/2017 16:10	19.58
8/2/2017 16:20	19.62
8/2/2017 16:30	19.57
8/2/2017 16:40	19.52
8/2/2017 16:50	19.39
8/2/2017 17:00	19.33
8/2/2017 17:10	19.32
8/2/2017 17:20	19.39
8/2/2017 17:30	19.41
8/2/2017 17:40	19.37
8/2/2017 17:50	19.24
8/2/2017 18:00	19.21
8/2/2017 18:10	19.20
8/2/2017 18:20	19.12
8/2/2017 18:30	18.93
8/2/2017 18:40	18.86

Date/Time	Temp (°C)
8/2/2017 18:50	18.85
8/2/2017 19:00	18.77
8/2/2017 19:10	18.69
8/2/2017 19:20	18.55
8/2/2017 19:30	18.34
8/2/2017 19:40	18.22
8/2/2017 19:50	18.24
8/2/2017 20:00	18.24
8/2/2017 20:10	18.24
8/2/2017 20:20	18.14
8/2/2017 20:30	18.07
8/2/2017 20:40	18.00
8/2/2017 20:50	17.99
8/2/2017 21:00	17.98
8/2/2017 21:10	17.96
8/2/2017 21:20	17.95
8/2/2017 21:30	17.93
8/2/2017 21:40	17.91
8/2/2017 21:50	17.91
8/2/2017 22:00	17.93
8/2/2017 22:10	17.91
8/2/2017 22:20	17.79
8/2/2017 22:30	17.70
8/2/2017 22:40	17.71
8/2/2017 22:50	17.78
8/2/2017 23:00	17.91
8/2/2017 23:10	18.04
8/2/2017 23:20	18.03
8/2/2017 23:30	18.02
8/2/2017 23:40	18.04
8/2/2017 23:50	18.12
8/3/2017 0:00	18.07
8/3/2017 0:10	17.96
8/3/2017 0:20	17.87
8/3/2017 0:30	17.78
8/3/2017 0:40	17.70
8/3/2017 0:50	17.65
8/3/2017 1:00	17.63
8/3/2017 1:10	17.62
8/3/2017 1:20	17.61

Date/Time	Temp (°C)
8/3/2017 1:30	17.59
8/3/2017 1:40	17.64
8/3/2017 1:50	17.85
8/3/2017 2:00	18.02
8/3/2017 2:10	18.16
8/3/2017 2:20	18.27
8/3/2017 2:30	18.36
8/3/2017 2:40	18.43
8/3/2017 2:50	18.49
8/3/2017 3:00	18.53
8/3/2017 3:10	18.57
8/3/2017 3:20	18.59
8/3/2017 3:30	18.61
8/3/2017 3:40	18.62
8/3/2017 3:50	18.62
8/3/2017 4:00	18.61
8/3/2017 4:10	18.61
8/3/2017 4:20	18.60
8/3/2017 4:30	18.58
8/3/2017 4:40	18.56
8/3/2017 4:50	18.54
8/3/2017 5:00	18.52
8/3/2017 5:10	18.49
8/3/2017 5:20	18.48
8/3/2017 5:30	18.46
8/3/2017 5:40	18.43
8/3/2017 5:50	18.41
8/3/2017 6:00	18.39
8/3/2017 6:10	18.37
8/3/2017 6:20	18.35
8/3/2017 6:30	18.32
8/3/2017 6:40	18.31
8/3/2017 6:50	18.29
8/3/2017 7:00	18.27
8/3/2017 7:10	18.25
8/3/2017 7:20	18.24
8/3/2017 7:30	18.22
8/3/2017 7:40	18.20
8/3/2017 7:50	18.19
8/3/2017 8:00	18.18

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/3/2017 8:10	18.16
8/3/2017 8:20	18.15
8/3/2017 8:30	18.13
8/3/2017 8:40	18.11
8/3/2017 8:50	18.10
8/3/2017 9:00	18.08
8/3/2017 9:10	17.65
8/3/2017 9:20	17.02
8/3/2017 9:30	17.03
8/3/2017 9:40	17.37
8/3/2017 9:50	17.55
8/3/2017 10:00	17.66
8/3/2017 10:10	17.68
8/3/2017 10:20	17.69
8/3/2017 10:30	17.73
8/3/2017 10:40	17.81
8/3/2017 10:50	17.94
8/3/2017 11:00	18.00
8/3/2017 11:10	18.06
8/3/2017 11:20	18.11
8/3/2017 11:30	18.20
8/3/2017 11:40	18.33
8/3/2017 11:50	18.43
8/3/2017 12:00	18.51
8/3/2017 12:10	18.59
8/3/2017 12:20	18.67
8/3/2017 12:30	18.82
8/3/2017 12:40	18.95
8/3/2017 12:50	19.15
8/3/2017 13:00	19.15
8/3/2017 13:10	19.07
8/3/2017 13:20	19.03
8/3/2017 13:30	19.11
8/3/2017 13:40	19.32
8/3/2017 13:50	19.55
8/3/2017 14:00	19.74
8/3/2017 14:10	19.78
8/3/2017 14:20	19.81
8/3/2017 14:30	19.76
8/3/2017 14:40	19.75

Date/Time	Temp (°C)
8/3/2017 14:50	19.83
8/3/2017 15:00	19.92
8/3/2017 15:10	20.12
8/3/2017 15:20	20.30
8/3/2017 15:30	20.41
8/3/2017 15:40	20.17
8/3/2017 15:50	19.98
8/3/2017 16:00	19.96
8/3/2017 16:10	20.07
8/3/2017 16:20	20.13
8/3/2017 16:30	20.15
8/3/2017 16:40	20.17
8/3/2017 16:50	20.33
8/3/2017 17:00	20.43
8/3/2017 17:10	20.17
8/3/2017 17:20	19.83
8/3/2017 17:30	19.45
8/3/2017 17:40	19.14
8/3/2017 17:50	19.11
8/3/2017 18:00	19.20
8/3/2017 18:10	19.24
8/3/2017 18:20	19.23
8/3/2017 18:30	19.18
8/3/2017 18:40	19.17
8/3/2017 18:50	19.21
8/3/2017 19:00	19.17
8/3/2017 19:10	18.95
8/3/2017 19:20	18.68
8/3/2017 19:30	18.33
8/3/2017 19:40	18.13
8/3/2017 19:50	18.11
8/3/2017 20:00	18.14
8/3/2017 20:10	18.19
8/3/2017 20:20	18.22
8/3/2017 20:30	18.16
8/3/2017 20:40	18.15
8/3/2017 20:50	18.17
8/3/2017 21:00	18.15
8/3/2017 21:10	18.17
8/3/2017 21:20	18.17

Date/Time	Temp (°C)
8/3/2017 21:30	18.20
8/3/2017 21:40	18.16
8/3/2017 21:50	18.17
8/3/2017 22:00	18.07
8/3/2017 22:10	17.93
8/3/2017 22:20	17.93
8/3/2017 22:30	17.96
8/3/2017 22:40	18.08
8/3/2017 22:50	18.18
8/3/2017 23:00	18.19
8/3/2017 23:10	18.11
8/3/2017 23:20	18.02
8/3/2017 23:30	18.02
8/3/2017 23:40	18.07
8/3/2017 23:50	18.10
8/4/2017 0:00	18.00
8/4/2017 0:10	17.95
8/4/2017 0:20	17.91
8/4/2017 0:30	17.92
8/4/2017 0:40	17.90
8/4/2017 0:50	17.85
8/4/2017 1:00	17.82
8/4/2017 1:10	17.81
8/4/2017 1:20	17.80
8/4/2017 1:30	17.80
8/4/2017 1:40	17.73
8/4/2017 1:50	17.70
8/4/2017 2:00	17.79
8/4/2017 2:10	18.01
8/4/2017 2:20	18.22
8/4/2017 2:30	18.38
8/4/2017 2:40	18.48
8/4/2017 2:50	18.58
8/4/2017 3:00	18.65
8/4/2017 3:10	18.72
8/4/2017 3:20	18.75
8/4/2017 3:30	18.80
8/4/2017 3:40	18.82
8/4/2017 3:50	18.85
8/4/2017 4:00	18.87

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/4/2017 4:10	18.87
8/4/2017 4:20	18.87
8/4/2017 4:30	18.88
8/4/2017 4:40	18.88
8/4/2017 4:50	18.87
8/4/2017 5:00	18.86
8/4/2017 5:10	18.85
8/4/2017 5:20	18.84
8/4/2017 5:30	18.83
8/4/2017 5:40	18.81
8/4/2017 5:50	18.79
8/4/2017 6:00	18.78
8/4/2017 6:10	18.75
8/4/2017 6:20	18.73
8/4/2017 6:30	18.70
8/4/2017 6:40	18.68
8/4/2017 6:50	18.65
8/4/2017 7:00	18.62
8/4/2017 7:10	18.60
8/4/2017 7:20	18.58
8/4/2017 7:30	18.56
8/4/2017 7:40	18.55
8/4/2017 7:50	18.53
8/4/2017 8:00	18.50
8/4/2017 8:10	18.49
8/4/2017 8:20	18.48
8/4/2017 8:30	18.48
8/4/2017 8:40	18.47
8/4/2017 8:50	18.46
8/4/2017 9:00	18.49
8/4/2017 9:10	18.52
8/4/2017 9:20	18.56
8/4/2017 9:30	18.60
8/4/2017 9:40	18.66
8/4/2017 9:50	18.71
8/4/2017 10:00	18.79
8/4/2017 10:10	18.84
8/4/2017 10:20	18.89
8/4/2017 10:30	18.91
8/4/2017 10:40	18.94

Date/Time	Temp (°C)
8/4/2017 10:50	19.00
8/4/2017 11:00	19.12
8/4/2017 11:10	19.26
8/4/2017 11:20	19.42
8/4/2017 11:30	19.63
8/4/2017 11:40	19.77
8/4/2017 11:50	19.86
8/4/2017 12:00	20.01
8/4/2017 12:10	20.17
8/4/2017 12:20	20.27
8/4/2017 12:30	20.39
8/4/2017 12:40	20.42
8/4/2017 12:50	20.36
8/4/2017 13:00	19.93
8/4/2017 13:10	18.94
8/4/2017 13:20	19.33
8/4/2017 13:30	19.65
8/4/2017 13:40	19.82
8/4/2017 13:50	19.99
8/4/2017 14:00	20.18
8/4/2017 14:10	20.30
8/4/2017 14:20	20.40
8/4/2017 14:30	20.50
8/4/2017 14:40	20.55
8/4/2017 14:50	20.61
8/4/2017 15:00	20.72
8/4/2017 15:10	20.78
8/4/2017 15:20	20.70
8/4/2017 15:30	20.64
8/4/2017 15:40	20.59
8/4/2017 15:50	20.58
8/4/2017 16:00	20.62
8/4/2017 16:10	20.70
8/4/2017 16:20	20.68
8/4/2017 16:30	20.61
8/4/2017 16:40	20.52
8/4/2017 16:50	20.04
8/4/2017 17:00	19.67
8/4/2017 17:10	19.54
8/4/2017 17:20	19.48

Date/Time	Temp (°C)
8/4/2017 17:30	19.26
8/4/2017 17:40	19.12
8/4/2017 17:50	19.13
8/4/2017 18:00	19.16
8/4/2017 18:10	19.04
8/4/2017 18:20	19.04
8/4/2017 18:30	19.11
8/4/2017 18:40	19.20
8/4/2017 18:50	19.22
8/4/2017 19:00	19.09
8/4/2017 19:10	18.81
8/4/2017 19:20	18.66
8/4/2017 19:30	18.65
8/4/2017 19:40	18.69
8/4/2017 19:50	18.60
8/4/2017 20:00	18.52
8/4/2017 20:10	18.35
8/4/2017 20:20	18.23
8/4/2017 20:30	18.16
8/4/2017 20:40	18.15
8/4/2017 20:50	18.08
8/4/2017 21:00	18.06
8/4/2017 21:10	18.06
8/4/2017 21:20	18.06
8/4/2017 21:30	18.01
8/4/2017 21:40	17.94
8/4/2017 21:50	17.91
8/4/2017 22:00	17.85
8/4/2017 22:10	17.86
8/4/2017 22:20	17.84
8/4/2017 22:30	17.82
8/4/2017 22:40	17.70
8/4/2017 22:50	17.63
8/4/2017 23:00	17.61
8/4/2017 23:10	17.64
8/4/2017 23:20	17.70
8/4/2017 23:30	17.78
8/4/2017 23:40	17.82
8/4/2017 23:50	17.82
8/5/2017 0:00	18.09

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/5/2017 0:10	18.46
8/5/2017 0:20	18.74
8/5/2017 0:30	18.95
8/5/2017 0:40	19.13
8/5/2017 0:50	19.26
8/5/2017 1:00	19.38
8/5/2017 1:10	19.46
8/5/2017 1:20	19.53
8/5/2017 1:30	19.58
8/5/2017 1:40	19.62
8/5/2017 1:50	19.65
8/5/2017 2:00	19.69
8/5/2017 2:10	19.71
8/5/2017 2:20	19.72
8/5/2017 2:30	19.74
8/5/2017 2:40	19.76
8/5/2017 2:50	19.78
8/5/2017 3:00	19.78
8/5/2017 3:10	19.78
8/5/2017 3:20	19.79
8/5/2017 3:30	19.79
8/5/2017 3:40	19.78
8/5/2017 3:50	19.77
8/5/2017 4:00	19.76
8/5/2017 4:10	19.75
8/5/2017 4:20	19.73
8/5/2017 4:30	19.72
8/5/2017 4:40	19.70
8/5/2017 4:50	19.68
8/5/2017 5:00	19.65
8/5/2017 5:10	19.61
8/5/2017 5:20	19.57
8/5/2017 5:30	19.53
8/5/2017 5:40	19.49
8/5/2017 5:50	19.47
8/5/2017 6:00	19.43
8/5/2017 6:10	19.39
8/5/2017 6:20	19.35
8/5/2017 6:30	19.30
8/5/2017 6:40	19.25

Date/Time	Temp (°C)
8/5/2017 6:50	19.21
8/5/2017 7:00	19.16
8/5/2017 7:10	19.12
8/5/2017 7:20	19.07
8/5/2017 7:30	19.03
8/5/2017 7:40	18.99
8/5/2017 7:50	18.94
8/5/2017 8:00	18.89
8/5/2017 8:10	18.86
8/5/2017 8:20	18.82
8/5/2017 8:30	18.78
8/5/2017 8:40	18.75
8/5/2017 8:50	18.72
8/5/2017 9:00	18.71
8/5/2017 9:10	18.70
8/5/2017 9:20	18.68
8/5/2017 9:30	18.67
8/5/2017 9:40	18.66
8/5/2017 9:50	18.64
8/5/2017 10:00	18.62
8/5/2017 10:10	18.63
8/5/2017 10:20	18.66
8/5/2017 10:30	18.68
8/5/2017 10:40	18.69
8/5/2017 10:50	18.73
8/5/2017 11:00	18.82
8/5/2017 11:10	18.86
8/5/2017 11:20	18.89
8/5/2017 11:30	18.94
8/5/2017 11:40	18.99
8/5/2017 11:50	19.05
8/5/2017 12:00	19.12
8/5/2017 12:10	19.10
8/5/2017 12:20	19.08
8/5/2017 12:30	19.06
8/5/2017 12:40	18.98
8/5/2017 12:50	18.84
8/5/2017 13:00	18.33
8/5/2017 13:10	17.98
8/5/2017 13:20	17.90

Date/Time	Temp (°C)
8/5/2017 13:30	17.94
8/5/2017 13:40	17.99
8/5/2017 13:50	18.08
8/5/2017 14:00	18.12
8/5/2017 14:10	18.12
8/5/2017 14:20	18.12
8/5/2017 14:30	18.13
8/5/2017 14:40	18.19
8/5/2017 14:50	18.23
8/5/2017 15:00	18.31
8/5/2017 15:10	18.33
8/5/2017 15:20	18.35
8/5/2017 15:30	18.38
8/5/2017 15:40	18.38
8/5/2017 15:50	18.41
8/5/2017 16:00	18.42
8/5/2017 16:10	18.47
8/5/2017 16:20	18.67
8/5/2017 16:30	18.84
8/5/2017 16:40	18.97
8/5/2017 16:50	19.16
8/5/2017 17:00	19.24
8/5/2017 17:10	19.34
8/5/2017 17:20	19.39
8/5/2017 17:30	19.43
8/5/2017 17:40	19.52
8/5/2017 17:50	19.55
8/5/2017 18:00	19.57
8/5/2017 18:10	19.61
8/5/2017 18:20	19.58
8/5/2017 18:30	19.52
8/5/2017 18:40	19.47
8/5/2017 18:50	19.42
8/5/2017 19:00	19.38
8/5/2017 19:10	19.31
8/5/2017 19:20	19.26
8/5/2017 19:30	19.19
8/5/2017 19:40	19.12
8/5/2017 19:50	19.06
8/5/2017 20:00	19.00

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/5/2017 20:10	18.94
8/5/2017 20:20	18.89
8/5/2017 20:30	18.83
8/5/2017 20:40	18.78
8/5/2017 20:50	18.73
8/5/2017 21:00	18.68
8/5/2017 21:10	18.63
8/5/2017 21:20	18.60
8/5/2017 21:30	18.56
8/5/2017 21:40	18.52
8/5/2017 21:50	18.49
8/5/2017 22:00	18.47
8/5/2017 22:10	18.44
8/5/2017 22:20	18.41
8/5/2017 22:30	18.38
8/5/2017 22:40	18.36
8/5/2017 22:50	18.33
8/5/2017 23:00	18.30
8/5/2017 23:10	18.28
8/5/2017 23:20	18.26
8/5/2017 23:30	18.23
8/5/2017 23:40	18.21
8/5/2017 23:50	18.19
8/6/2017 0:00	18.17
8/6/2017 0:10	18.16
8/6/2017 0:20	18.14
8/6/2017 0:30	18.13
8/6/2017 0:40	18.12
8/6/2017 0:50	18.10
8/6/2017 1:00	18.08
8/6/2017 1:10	18.06
8/6/2017 1:20	18.03
8/6/2017 1:30	18.01
8/6/2017 1:40	17.99
8/6/2017 1:50	17.96
8/6/2017 2:00	17.94
8/6/2017 2:10	17.91
8/6/2017 2:20	17.89
8/6/2017 2:30	17.86
8/6/2017 2:40	17.84

Date/Time	Temp (°C)
8/6/2017 2:50	17.82
8/6/2017 3:00	17.80
8/6/2017 3:10	17.78
8/6/2017 3:20	17.76
8/6/2017 3:30	17.74
8/6/2017 3:40	17.72
8/6/2017 3:50	17.69
8/6/2017 4:00	17.67
8/6/2017 4:10	17.65
8/6/2017 4:20	17.62
8/6/2017 4:30	17.60
8/6/2017 4:40	17.57
8/6/2017 4:50	17.55
8/6/2017 5:00	17.53
8/6/2017 5:10	17.52
8/6/2017 5:20	17.49
8/6/2017 5:30	17.47
8/6/2017 5:40	17.45
8/6/2017 5:50	17.43
8/6/2017 6:00	17.40
8/6/2017 6:10	17.38
8/6/2017 6:20	17.35
8/6/2017 6:30	17.33
8/6/2017 6:40	17.31
8/6/2017 6:50	17.29
8/6/2017 7:00	17.28
8/6/2017 7:10	17.26
8/6/2017 7:20	17.24
8/6/2017 7:30	17.24
8/6/2017 7:40	17.23
8/6/2017 7:50	17.23
8/6/2017 8:00	17.24
8/6/2017 8:10	17.24
8/6/2017 8:20	17.24
8/6/2017 8:30	17.24
8/6/2017 8:40	17.24
8/6/2017 8:50	17.24
8/6/2017 9:00	17.24
8/6/2017 9:10	17.25
8/6/2017 9:20	17.27

Date/Time	Temp (°C)
8/6/2017 9:30	17.30
8/6/2017 9:40	17.32
8/6/2017 9:50	17.35
8/6/2017 10:00	17.39
8/6/2017 10:10	17.43
8/6/2017 10:20	17.51
8/6/2017 10:30	17.57
8/6/2017 10:40	17.70
8/6/2017 10:50	17.81
8/6/2017 11:00	17.90
8/6/2017 11:10	18.03
8/6/2017 11:20	18.07
8/6/2017 11:30	18.09
8/6/2017 11:40	18.13
8/6/2017 11:50	18.16
8/6/2017 12:00	18.18
8/6/2017 12:10	18.19
8/6/2017 12:20	18.20
8/6/2017 12:30	18.23
8/6/2017 12:40	18.31
8/6/2017 12:50	18.42
8/6/2017 13:00	18.54
8/6/2017 13:10	18.67
8/6/2017 13:20	18.82
8/6/2017 13:30	18.95
8/6/2017 13:40	18.98
8/6/2017 13:50	18.95
8/6/2017 14:00	18.95
8/6/2017 14:10	19.02
8/6/2017 14:20	19.13
8/6/2017 14:30	19.15
8/6/2017 14:40	19.12
8/6/2017 14:50	19.11
8/6/2017 15:00	19.13
8/6/2017 15:10	19.15
8/6/2017 15:20	19.13
8/6/2017 15:30	19.12
8/6/2017 15:40	19.19
8/6/2017 15:50	19.21
8/6/2017 16:00	19.20

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/6/2017 16:10	19.17
8/6/2017 16:20	19.15
8/6/2017 16:30	19.13
8/6/2017 16:40	19.10
8/6/2017 16:50	19.06
8/6/2017 17:00	19.01
8/6/2017 17:10	18.98
8/6/2017 17:20	18.94
8/6/2017 17:30	18.89
8/6/2017 17:40	18.85
8/6/2017 17:50	18.81
8/6/2017 18:00	18.79
8/6/2017 18:10	18.76
8/6/2017 18:20	18.72
8/6/2017 18:30	18.69
8/6/2017 18:40	18.66
8/6/2017 18:50	18.63
8/6/2017 19:00	18.59
8/6/2017 19:10	18.56
8/6/2017 19:20	18.53
8/6/2017 19:30	18.49
8/6/2017 19:40	18.46
8/6/2017 19:50	18.43
8/6/2017 20:00	18.40
8/6/2017 20:10	18.37
8/6/2017 20:20	18.34
8/6/2017 20:30	18.31
8/6/2017 20:40	18.29
8/6/2017 20:50	18.27
8/6/2017 21:00	18.25
8/6/2017 21:10	18.24
8/6/2017 21:20	18.22
8/6/2017 21:30	18.20
8/6/2017 21:40	18.19
8/6/2017 21:50	18.17
8/6/2017 22:00	18.15
8/6/2017 22:10	18.14
8/6/2017 22:20	18.12
8/6/2017 22:30	18.10
8/6/2017 22:40	18.08

Date/Time	Temp (°C)
8/6/2017 22:50	18.07
8/6/2017 23:00	18.06
8/6/2017 23:10	18.05
8/6/2017 23:20	18.04
8/6/2017 23:30	18.03
8/6/2017 23:40	18.02
8/6/2017 23:50	18.02
8/7/2017 0:00	18.01
8/7/2017 0:10	18.01
8/7/2017 0:20	18.00
8/7/2017 0:30	17.99
8/7/2017 0:40	17.98
8/7/2017 0:50	17.97
8/7/2017 1:00	17.96
8/7/2017 1:10	17.95
8/7/2017 1:20	17.95
8/7/2017 1:30	17.94
8/7/2017 1:40	17.93
8/7/2017 1:50	17.93
8/7/2017 2:00	17.92
8/7/2017 2:10	17.91
8/7/2017 2:20	17.90
8/7/2017 2:30	17.90
8/7/2017 2:40	17.89
8/7/2017 2:50	17.88
8/7/2017 3:00	17.87
8/7/2017 3:10	17.86
8/7/2017 3:20	17.85
8/7/2017 3:30	17.83
8/7/2017 3:40	17.82
8/7/2017 3:50	17.81
8/7/2017 4:00	17.80
8/7/2017 4:10	17.79
8/7/2017 4:20	17.79
8/7/2017 4:30	17.78
8/7/2017 4:40	17.77
8/7/2017 4:50	17.76
8/7/2017 5:00	17.75
8/7/2017 5:10	17.74
8/7/2017 5:20	17.73

Date/Time	Temp (°C)
8/7/2017 5:30	17.72
8/7/2017 5:40	17.71
8/7/2017 5:50	17.70
8/7/2017 6:00	17.69
8/7/2017 6:10	17.68
8/7/2017 6:20	17.67
8/7/2017 6:30	17.66
8/7/2017 6:40	17.65
8/7/2017 6:50	17.64
8/7/2017 7:00	17.63
8/7/2017 7:10	17.62
8/7/2017 7:20	17.62
8/7/2017 7:30	17.61
8/7/2017 7:40	17.59
8/7/2017 7:50	17.58
8/7/2017 8:00	17.58
8/7/2017 8:10	17.57
8/7/2017 8:20	17.56
8/7/2017 8:30	17.55
8/7/2017 8:40	17.54
8/7/2017 8:50	17.53
8/7/2017 9:00	17.53
8/7/2017 9:10	17.53
8/7/2017 9:20	17.53
8/7/2017 9:30	17.53
8/7/2017 9:40	17.53
8/7/2017 9:50	17.54
8/7/2017 10:00	17.55
8/7/2017 10:10	17.58
8/7/2017 10:20	17.61
8/7/2017 10:30	17.64
8/7/2017 10:40	17.67
8/7/2017 10:50	17.71
8/7/2017 11:00	17.77
8/7/2017 11:10	17.82
8/7/2017 11:20	17.85
8/7/2017 11:30	17.90
8/7/2017 11:40	17.96
8/7/2017 11:50	18.02
8/7/2017 12:00	18.09

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/7/2017 12:10	18.17
8/7/2017 12:20	18.23
8/7/2017 12:30	18.28
8/7/2017 12:40	18.29
8/7/2017 12:50	18.22
8/7/2017 13:00	17.91
8/7/2017 13:10	17.06
8/7/2017 13:20	17.60
8/7/2017 13:30	18.20
8/7/2017 13:40	18.54
8/7/2017 13:50	18.78
8/7/2017 14:00	18.96
8/7/2017 14:10	19.10
8/7/2017 14:20	19.20
8/7/2017 14:30	19.24
8/7/2017 14:40	19.27
8/7/2017 14:50	19.29
8/7/2017 15:00	19.30
8/7/2017 15:10	19.34
8/7/2017 15:20	19.37
8/7/2017 15:30	19.38
8/7/2017 15:40	19.38
8/7/2017 15:50	19.38
8/7/2017 16:00	19.37
8/7/2017 16:10	19.33
8/7/2017 16:20	19.33
8/7/2017 16:30	19.09
8/7/2017 16:40	19.00
8/7/2017 16:50	18.93
8/7/2017 17:00	18.75
8/7/2017 17:10	18.72
8/7/2017 17:20	18.69
8/7/2017 17:30	18.65
8/7/2017 17:40	18.66
8/7/2017 17:50	18.71
8/7/2017 18:00	18.63
8/7/2017 18:10	18.54
8/7/2017 18:20	18.45
8/7/2017 18:30	18.35
8/7/2017 18:40	18.28

Date/Time	Temp (°C)
8/7/2017 18:50	18.42
8/7/2017 19:00	18.47
8/7/2017 19:10	18.52
8/7/2017 19:20	18.42
8/7/2017 19:30	18.31
8/7/2017 19:40	18.36
8/7/2017 19:50	18.43
8/7/2017 20:00	18.50
8/7/2017 20:10	18.51
8/7/2017 20:20	18.42
8/7/2017 20:30	18.34
8/7/2017 20:40	18.27
8/7/2017 20:50	18.26
8/7/2017 21:00	18.27
8/7/2017 21:10	18.31
8/7/2017 21:20	18.32
8/7/2017 21:30	18.32
8/7/2017 21:40	18.31
8/7/2017 21:50	18.30
8/7/2017 22:00	18.28
8/7/2017 22:10	18.27
8/7/2017 22:20	18.27
8/7/2017 22:30	18.27
8/7/2017 22:40	18.26
8/7/2017 22:50	18.25
8/7/2017 23:00	18.25
8/7/2017 23:10	18.23
8/7/2017 23:20	18.22
8/7/2017 23:30	18.21
8/7/2017 23:40	18.20
8/7/2017 23:50	18.20
8/8/2017 0:00	18.20
8/8/2017 0:10	18.20
8/8/2017 0:20	18.19
8/8/2017 0:30	18.18
8/8/2017 0:40	18.17
8/8/2017 0:50	18.16
8/8/2017 1:00	18.14
8/8/2017 1:10	18.13
8/8/2017 1:20	18.11

Date/Time	Temp (°C)
8/8/2017 1:30	18.10
8/8/2017 1:40	18.08
8/8/2017 1:50	18.06
8/8/2017 2:00	18.04
8/8/2017 2:10	18.02
8/8/2017 2:20	18.00
8/8/2017 2:30	17.97
8/8/2017 2:40	17.95
8/8/2017 2:50	17.92
8/8/2017 3:00	17.90
8/8/2017 3:10	17.87
8/8/2017 3:20	17.85
8/8/2017 3:30	17.83
8/8/2017 3:40	17.80
8/8/2017 3:50	17.78
8/8/2017 4:00	17.76
8/8/2017 4:10	17.73
8/8/2017 4:20	17.71
8/8/2017 4:30	17.69
8/8/2017 4:40	17.66
8/8/2017 4:50	17.64
8/8/2017 5:00	17.62
8/8/2017 5:10	17.59
8/8/2017 5:20	17.57
8/8/2017 5:30	17.55
8/8/2017 5:40	17.53
8/8/2017 5:50	17.51
8/8/2017 6:00	17.49
8/8/2017 6:10	17.46
8/8/2017 6:20	17.44
8/8/2017 6:30	17.42
8/8/2017 6:40	17.40
8/8/2017 6:50	17.38
8/8/2017 7:00	17.37
8/8/2017 7:10	17.35
8/8/2017 7:20	17.34
8/8/2017 7:30	17.32
8/8/2017 7:40	17.31
8/8/2017 7:50	17.30
8/8/2017 8:00	17.30

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/8/2017 8:10	17.32
8/8/2017 8:20	17.33
8/8/2017 8:30	17.33
8/8/2017 8:40	17.33
8/8/2017 8:50	17.33
8/8/2017 9:00	17.11
8/8/2017 9:10	16.71
8/8/2017 9:20	17.02
8/8/2017 9:30	17.35
8/8/2017 9:40	17.50
8/8/2017 9:50	17.66
8/8/2017 10:00	17.80
8/8/2017 10:10	17.84
8/8/2017 10:20	17.90
8/8/2017 10:30	17.99
8/8/2017 10:40	18.03
8/8/2017 10:50	18.13
8/8/2017 11:00	18.12
8/8/2017 11:10	18.15
8/8/2017 11:20	18.24
8/8/2017 11:30	18.32
8/8/2017 11:40	18.29
8/8/2017 11:50	18.29
8/8/2017 12:00	18.34
8/8/2017 12:10	18.35
8/8/2017 12:20	18.29
8/8/2017 12:30	18.25
8/8/2017 12:40	18.33
8/8/2017 12:50	18.49
8/8/2017 13:00	18.49
8/8/2017 13:10	18.52
8/8/2017 13:20	18.56
8/8/2017 13:30	18.63
8/8/2017 13:40	18.69
8/8/2017 13:50	18.77
8/8/2017 14:00	18.81
8/8/2017 14:10	18.86
8/8/2017 14:20	18.85
8/8/2017 14:30	18.86
8/8/2017 14:40	18.91

Date/Time	Temp (°C)
8/8/2017 14:50	19.00
8/8/2017 15:00	18.99
8/8/2017 15:10	19.11
8/8/2017 15:20	19.26
8/8/2017 15:30	19.30
8/8/2017 15:40	19.28
8/8/2017 15:50	19.22
8/8/2017 16:00	19.20
8/8/2017 16:10	19.27
8/8/2017 16:20	19.29
8/8/2017 16:30	19.30
8/8/2017 16:40	19.31
8/8/2017 16:50	19.30
8/8/2017 17:00	19.29
8/8/2017 17:10	19.28
8/8/2017 17:20	19.20
8/8/2017 17:30	19.08
8/8/2017 17:40	19.03
8/8/2017 17:50	18.85
8/8/2017 18:00	18.71
8/8/2017 18:10	18.83
8/8/2017 18:20	18.85
8/8/2017 18:30	18.70
8/8/2017 18:40	18.63
8/8/2017 18:50	18.66
8/8/2017 19:00	18.59
8/8/2017 19:10	18.54
8/8/2017 19:20	18.57
8/8/2017 19:30	18.56
8/8/2017 19:40	18.45
8/8/2017 19:50	18.22
8/8/2017 20:00	17.99
8/8/2017 20:10	17.86
8/8/2017 20:20	17.81
8/8/2017 20:30	17.79
8/8/2017 20:40	17.78
8/8/2017 20:50	17.82
8/8/2017 21:00	17.83
8/8/2017 21:10	17.75
8/8/2017 21:20	17.68

Date/Time	Temp (°C)
8/8/2017 21:30	17.63
8/8/2017 21:40	17.55
8/8/2017 21:50	17.44
8/8/2017 22:00	17.38
8/8/2017 22:10	17.47
8/8/2017 22:20	17.54
8/8/2017 22:30	17.59
8/8/2017 22:40	17.67
8/8/2017 22:50	17.73
8/8/2017 23:00	17.79
8/8/2017 23:10	17.82
8/8/2017 23:20	17.83
8/8/2017 23:30	17.85
8/8/2017 23:40	17.85
8/8/2017 23:50	17.82
8/9/2017 0:00	17.76
8/9/2017 0:10	17.66
8/9/2017 0:20	17.55
8/9/2017 0:30	17.48
8/9/2017 0:40	17.42
8/9/2017 0:50	17.40
8/9/2017 1:00	17.43
8/9/2017 1:10	17.46
8/9/2017 1:20	17.46
8/9/2017 1:30	17.43
8/9/2017 1:40	17.38
8/9/2017 1:50	17.37
8/9/2017 2:00	17.40
8/9/2017 2:10	17.43
8/9/2017 2:20	17.44
8/9/2017 2:30	17.45
8/9/2017 2:40	17.46
8/9/2017 2:50	17.46
8/9/2017 3:00	17.45
8/9/2017 3:10	17.43
8/9/2017 3:20	17.42
8/9/2017 3:30	17.40
8/9/2017 3:40	17.38
8/9/2017 3:50	17.36
8/9/2017 4:00	17.34

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/9/2017 4:10	17.33
8/9/2017 4:20	17.30
8/9/2017 4:30	17.29
8/9/2017 4:40	17.26
8/9/2017 4:50	17.23
8/9/2017 5:00	17.20
8/9/2017 5:10	17.16
8/9/2017 5:20	17.13
8/9/2017 5:30	17.10
8/9/2017 5:40	17.07
8/9/2017 5:50	17.03
8/9/2017 6:00	16.99
8/9/2017 6:10	16.96
8/9/2017 6:20	16.92
8/9/2017 6:30	16.88
8/9/2017 6:40	16.85
8/9/2017 6:50	16.81
8/9/2017 7:00	16.78
8/9/2017 7:10	16.75
8/9/2017 7:20	16.73
8/9/2017 7:30	16.70
8/9/2017 7:40	16.68
8/9/2017 7:50	16.65
8/9/2017 8:00	16.63
8/9/2017 8:10	16.58
8/9/2017 8:20	16.55
8/9/2017 8:30	16.53
8/9/2017 8:40	16.52
8/9/2017 8:50	16.52
8/9/2017 9:00	16.54
8/9/2017 9:10	16.57
8/9/2017 9:20	16.40
8/9/2017 9:30	16.05
8/9/2017 9:40	16.10
8/9/2017 9:50	16.36
8/9/2017 10:00	16.54
8/9/2017 10:10	16.68
8/9/2017 10:20	16.80
8/9/2017 10:30	16.96
8/9/2017 10:40	17.09

Date/Time	Temp (°C)
8/9/2017 10:50	17.22
8/9/2017 11:00	17.35
8/9/2017 11:10	17.44
8/9/2017 11:20	17.60
8/9/2017 11:30	17.81
8/9/2017 11:40	17.98
8/9/2017 11:50	18.15
8/9/2017 12:00	18.27
8/9/2017 12:10	18.45
8/9/2017 12:20	18.56
8/9/2017 12:30	18.60
8/9/2017 12:40	18.75
8/9/2017 12:50	18.88
8/9/2017 13:00	19.03
8/9/2017 13:10	19.21
8/9/2017 13:20	19.38
8/9/2017 13:30	19.45
8/9/2017 13:40	19.41
8/9/2017 13:50	19.47
8/9/2017 14:00	19.60
8/9/2017 14:10	19.65
8/9/2017 14:20	19.67
8/9/2017 14:30	19.73
8/9/2017 14:40	19.74
8/9/2017 14:50	19.82
8/9/2017 15:00	19.93
8/9/2017 15:10	20.01
8/9/2017 15:20	20.06
8/9/2017 15:30	20.13
8/9/2017 15:40	20.19
8/9/2017 15:50	20.21
8/9/2017 16:00	20.21
8/9/2017 16:10	20.21
8/9/2017 16:20	20.22
8/9/2017 16:30	20.21
8/9/2017 16:40	20.20
8/9/2017 16:50	20.33
8/9/2017 17:00	20.38
8/9/2017 17:10	20.29
8/9/2017 17:20	20.16

Date/Time	Temp (°C)
8/9/2017 17:30	19.98
8/9/2017 17:40	19.78
8/9/2017 17:50	19.72
8/9/2017 18:00	19.80
8/9/2017 18:10	19.81
8/9/2017 18:20	19.58
8/9/2017 18:30	19.39
8/9/2017 18:40	19.23
8/9/2017 18:50	19.14
8/9/2017 19:00	19.06
8/9/2017 19:10	18.96
8/9/2017 19:20	18.91
8/9/2017 19:30	18.87
8/9/2017 19:40	18.79
8/9/2017 19:50	18.63
8/9/2017 20:00	18.48
8/9/2017 20:10	18.31
8/9/2017 20:20	18.20
8/9/2017 20:30	18.09
8/9/2017 20:40	18.01
8/9/2017 20:50	17.93
8/9/2017 21:00	17.95
8/9/2017 21:10	17.99
8/9/2017 21:20	17.98
8/9/2017 21:30	17.91
8/9/2017 21:40	17.86
8/9/2017 21:50	17.81
8/9/2017 22:00	17.78
8/9/2017 22:10	17.77
8/9/2017 22:20	17.74
8/9/2017 22:30	17.69
8/9/2017 22:40	17.73
8/9/2017 22:50	17.89
8/9/2017 23:00	17.95
8/9/2017 23:10	18.02
8/9/2017 23:20	18.06
8/9/2017 23:30	18.08
8/9/2017 23:40	18.02
8/9/2017 23:50	17.91
8/10/2017 0:00	17.86

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/10/2017 0:10	17.87
8/10/2017 0:20	17.92
8/10/2017 0:30	17.90
8/10/2017 0:40	17.81
8/10/2017 0:50	17.75
8/10/2017 1:00	17.69
8/10/2017 1:10	17.64
8/10/2017 1:20	17.61
8/10/2017 1:30	17.58
8/10/2017 1:40	17.54
8/10/2017 1:50	17.49
8/10/2017 2:00	17.47
8/10/2017 2:10	17.47
8/10/2017 2:20	17.48
8/10/2017 2:30	17.50
8/10/2017 2:40	17.52
8/10/2017 2:50	17.53
8/10/2017 3:00	17.53
8/10/2017 3:10	17.53
8/10/2017 3:20	17.52
8/10/2017 3:30	17.52
8/10/2017 3:40	17.52
8/10/2017 3:50	17.50
8/10/2017 4:00	17.49
8/10/2017 4:10	17.47
8/10/2017 4:20	17.45
8/10/2017 4:30	17.44
8/10/2017 4:40	17.41
8/10/2017 4:50	17.40
8/10/2017 5:00	17.37
8/10/2017 5:10	17.35
8/10/2017 5:20	17.33
8/10/2017 5:30	17.30
8/10/2017 5:40	17.28
8/10/2017 5:50	17.25
8/10/2017 6:00	17.23
8/10/2017 6:10	17.21
8/10/2017 6:20	17.18
8/10/2017 6:30	17.16
8/10/2017 6:40	17.13

Date/Time	Temp (°C)
8/10/2017 6:50	17.11
8/10/2017 7:00	17.08
8/10/2017 7:10	17.06
8/10/2017 7:20	17.04
8/10/2017 7:30	17.03
8/10/2017 7:40	17.02
8/10/2017 7:50	17.00
8/10/2017 8:00	16.99
8/10/2017 8:10	16.98
8/10/2017 8:20	16.98
8/10/2017 8:30	16.97
8/10/2017 8:40	16.97
8/10/2017 8:50	16.98
8/10/2017 9:00	17.02
8/10/2017 9:10	17.06
8/10/2017 9:20	17.03
8/10/2017 9:30	16.66
8/10/2017 9:40	16.53
8/10/2017 9:50	16.97
8/10/2017 10:00	17.23
8/10/2017 10:10	17.44
8/10/2017 10:20	17.56
8/10/2017 10:30	17.78
8/10/2017 10:40	17.95
8/10/2017 10:50	18.08
8/10/2017 11:00	18.25
8/10/2017 11:10	18.31
8/10/2017 11:20	18.43
8/10/2017 11:30	18.65
8/10/2017 11:40	18.74
8/10/2017 11:50	18.85
8/10/2017 12:00	18.86
8/10/2017 12:10	18.78
8/10/2017 12:20	18.71
8/10/2017 12:30	18.72
8/10/2017 12:40	18.83
8/10/2017 12:50	18.94
8/10/2017 13:00	19.00
8/10/2017 13:10	19.03
8/10/2017 13:20	19.00

Date/Time	Temp (°C)
8/10/2017 13:30	18.96
8/10/2017 13:40	18.83
8/10/2017 13:50	18.79
8/10/2017 14:00	18.71
8/10/2017 14:10	18.58
8/10/2017 14:20	18.53
8/10/2017 14:30	18.48
8/10/2017 14:40	18.53
8/10/2017 14:50	18.75
8/10/2017 15:00	18.76
8/10/2017 15:10	18.75
8/10/2017 15:20	18.81
8/10/2017 15:30	18.84
8/10/2017 15:40	18.87
8/10/2017 15:50	19.00
8/10/2017 16:00	19.14
8/10/2017 16:10	19.14
8/10/2017 16:20	19.21
8/10/2017 16:30	19.23
8/10/2017 16:40	19.23
8/10/2017 16:50	19.28
8/10/2017 17:00	19.34
8/10/2017 17:10	19.35
8/10/2017 17:20	19.33
8/10/2017 17:30	19.18
8/10/2017 17:40	18.94
8/10/2017 17:50	18.77
8/10/2017 18:00	18.80
8/10/2017 18:10	18.93
8/10/2017 18:20	18.95
8/10/2017 18:30	18.83
8/10/2017 18:40	18.65
8/10/2017 18:50	18.63
8/10/2017 19:00	18.63
8/10/2017 19:10	18.60
8/10/2017 19:20	18.62
8/10/2017 19:30	18.62
8/10/2017 19:40	18.62
8/10/2017 19:50	18.58
8/10/2017 20:00	18.48

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/10/2017 20:10	18.37
8/10/2017 20:20	18.38
8/10/2017 20:30	18.45
8/10/2017 20:40	18.50
8/10/2017 20:50	18.45
8/10/2017 21:00	18.33
8/10/2017 21:10	18.27
8/10/2017 21:20	18.29
8/10/2017 21:30	18.28
8/10/2017 21:40	18.20
8/10/2017 21:50	18.12
8/10/2017 22:00	18.10
8/10/2017 22:10	18.05
8/10/2017 22:20	18.04
8/10/2017 22:30	18.04
8/10/2017 22:40	18.04
8/10/2017 22:50	18.13
8/10/2017 23:00	18.23
8/10/2017 23:10	18.32
8/10/2017 23:20	18.37
8/10/2017 23:30	18.40
8/10/2017 23:40	18.39
8/10/2017 23:50	18.34
8/11/2017 0:00	18.30
8/11/2017 0:10	18.21
8/11/2017 0:20	18.14
8/11/2017 0:30	18.08
8/11/2017 0:40	18.01
8/11/2017 0:50	17.96
8/11/2017 1:00	17.94
8/11/2017 1:10	17.93
8/11/2017 1:20	17.91
8/11/2017 1:30	17.90
8/11/2017 1:40	17.89
8/11/2017 1:50	17.90
8/11/2017 2:00	17.88
8/11/2017 2:10	17.86
8/11/2017 2:20	17.82
8/11/2017 2:30	17.78
8/11/2017 2:40	17.75

Date/Time	Temp (°C)
8/11/2017 2:50	17.73
8/11/2017 3:00	17.70
8/11/2017 3:10	17.69
8/11/2017 3:20	17.66
8/11/2017 3:30	17.64
8/11/2017 3:40	17.63
8/11/2017 3:50	17.61
8/11/2017 4:00	17.59
8/11/2017 4:10	17.58
8/11/2017 4:20	17.56
8/11/2017 4:30	17.54
8/11/2017 4:40	17.53
8/11/2017 4:50	17.52
8/11/2017 5:00	17.50
8/11/2017 5:10	17.48
8/11/2017 5:20	17.47
8/11/2017 5:30	17.45
8/11/2017 5:40	17.43
8/11/2017 5:50	17.42
8/11/2017 6:00	17.41
8/11/2017 6:10	17.40
8/11/2017 6:20	17.38
8/11/2017 6:30	17.38
8/11/2017 6:40	17.37
8/11/2017 6:50	17.37
8/11/2017 7:00	17.36
8/11/2017 7:10	17.37
8/11/2017 7:20	17.37
8/11/2017 7:30	17.37
8/11/2017 7:40	17.37
8/11/2017 7:50	17.38
8/11/2017 8:00	17.40
8/11/2017 8:10	17.42
8/11/2017 8:20	17.44
8/11/2017 8:30	17.46
8/11/2017 8:40	17.48
8/11/2017 8:50	17.50
8/11/2017 9:00	17.52
8/11/2017 9:10	17.56
8/11/2017 9:20	17.61

Date/Time	Temp (°C)
8/11/2017 9:30	17.65
8/11/2017 9:40	17.72
8/11/2017 9:50	17.78
8/11/2017 10:00	17.81
8/11/2017 10:10	17.85
8/11/2017 10:20	17.91
8/11/2017 10:30	17.98
8/11/2017 10:40	18.03
8/11/2017 10:50	18.07
8/11/2017 11:00	18.13
8/11/2017 11:10	18.18
8/11/2017 11:20	18.23
8/11/2017 11:30	18.28
8/11/2017 11:40	18.41
8/11/2017 11:50	18.57
8/11/2017 12:00	18.72
8/11/2017 12:10	18.82
8/11/2017 12:20	18.90
8/11/2017 12:30	18.86
8/11/2017 12:40	18.79
8/11/2017 12:50	18.66
8/11/2017 13:00	18.56
8/11/2017 13:10	17.91
8/11/2017 13:20	18.04
8/11/2017 13:30	18.78
8/11/2017 13:40	19.18
8/11/2017 13:50	19.43
8/11/2017 14:00	19.68
8/11/2017 14:10	19.75
8/11/2017 14:20	19.83
8/11/2017 14:30	19.96
8/11/2017 14:40	19.99
8/11/2017 14:50	20.08
8/11/2017 15:00	20.09
8/11/2017 15:10	20.19
8/11/2017 15:20	20.28
8/11/2017 15:30	20.37
8/11/2017 15:40	20.41
8/11/2017 15:50	20.45
8/11/2017 16:00	20.52

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/11/2017 16:10	20.60
8/11/2017 16:20	20.62
8/11/2017 16:30	20.58
8/11/2017 16:40	20.55
8/11/2017 16:50	20.35
8/11/2017 17:00	20.11
8/11/2017 17:10	20.05
8/11/2017 17:20	19.95
8/11/2017 17:30	19.84
8/11/2017 17:40	19.74
8/11/2017 17:50	19.64
8/11/2017 18:00	19.44
8/11/2017 18:10	19.27
8/11/2017 18:20	19.13
8/11/2017 18:30	18.97
8/11/2017 18:40	18.88
8/11/2017 18:50	18.83
8/11/2017 19:00	18.84
8/11/2017 19:10	18.89
8/11/2017 19:20	18.81
8/11/2017 19:30	18.66
8/11/2017 19:40	18.52
8/11/2017 19:50	18.42
8/11/2017 20:00	18.30
8/11/2017 20:10	18.26
8/11/2017 20:20	18.31
8/11/2017 20:30	18.37
8/11/2017 20:40	18.32
8/11/2017 20:50	18.26
8/11/2017 21:00	18.33
8/11/2017 21:10	18.43
8/11/2017 21:20	18.51
8/11/2017 21:30	18.45
8/11/2017 21:40	18.31
8/11/2017 21:50	18.22
8/11/2017 22:00	18.17
8/11/2017 22:10	18.09
8/11/2017 22:20	18.00
8/11/2017 22:30	18.00
8/11/2017 22:40	18.06

Date/Time	Temp (°C)
8/11/2017 22:50	18.17
8/11/2017 23:00	18.20
8/11/2017 23:10	18.17
8/11/2017 23:20	18.16
8/11/2017 23:30	18.11
8/11/2017 23:40	18.05
8/11/2017 23:50	18.05
8/12/2017 0:00	18.12
8/12/2017 0:10	18.09
8/12/2017 0:20	17.99
8/12/2017 0:30	17.92
8/12/2017 0:40	17.87
8/12/2017 0:50	17.80
8/12/2017 1:00	17.75
8/12/2017 1:10	17.72
8/12/2017 1:20	17.69
8/12/2017 1:30	17.70
8/12/2017 1:40	17.74
8/12/2017 1:50	17.78
8/12/2017 2:00	17.82
8/12/2017 2:10	17.83
8/12/2017 2:20	17.84
8/12/2017 2:30	17.85
8/12/2017 2:40	17.92
8/12/2017 2:50	18.00
8/12/2017 3:00	18.06
8/12/2017 3:10	18.12
8/12/2017 3:20	18.16
8/12/2017 3:30	18.20
8/12/2017 3:40	18.23
8/12/2017 3:50	18.25
8/12/2017 4:00	18.27
8/12/2017 4:10	18.28
8/12/2017 4:20	18.29
8/12/2017 4:30	18.29
8/12/2017 4:40	18.29
8/12/2017 4:50	18.30
8/12/2017 5:00	18.29
8/12/2017 5:10	18.28
8/12/2017 5:20	18.28

Date/Time	Temp (°C)
8/12/2017 5:30	18.27
8/12/2017 5:40	18.25
8/12/2017 5:50	18.25
8/12/2017 6:00	18.23
8/12/2017 6:10	18.21
8/12/2017 6:20	18.19
8/12/2017 6:30	18.18
8/12/2017 6:40	18.16
8/12/2017 6:50	18.15
8/12/2017 7:00	18.14
8/12/2017 7:10	18.14
8/12/2017 7:20	18.14
8/12/2017 7:30	18.14
8/12/2017 7:40	18.15
8/12/2017 7:50	18.17
8/12/2017 8:00	18.18
8/12/2017 8:10	18.20
8/12/2017 8:20	18.22
8/12/2017 8:30	18.25
8/12/2017 8:40	18.29
8/12/2017 8:50	18.33
8/12/2017 9:00	18.38
8/12/2017 9:10	18.43
8/12/2017 9:20	18.49
8/12/2017 9:30	18.58
8/12/2017 9:40	18.66
8/12/2017 9:50	18.74
8/12/2017 10:00	18.75
8/12/2017 10:10	18.74
8/12/2017 10:20	18.79
8/12/2017 10:30	18.85
8/12/2017 10:40	18.96
8/12/2017 10:50	19.11
8/12/2017 11:00	19.32
8/12/2017 11:10	19.44
8/12/2017 11:20	19.48
8/12/2017 11:30	19.50
8/12/2017 11:40	19.57
8/12/2017 11:50	19.66
8/12/2017 12:00	19.78

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/12/2017 12:10	19.91
8/12/2017 12:20	19.95
8/12/2017 12:30	19.97
8/12/2017 12:40	20.10
8/12/2017 12:50	20.10
8/12/2017 13:00	19.97
8/12/2017 13:10	19.35
8/12/2017 13:20	18.63
8/12/2017 13:30	19.18
8/12/2017 13:40	19.61
8/12/2017 13:50	19.79
8/12/2017 14:00	19.91
8/12/2017 14:10	20.01
8/12/2017 14:20	20.08
8/12/2017 14:30	20.18
8/12/2017 14:40	20.20
8/12/2017 14:50	20.20
8/12/2017 15:00	20.30
8/12/2017 15:10	20.35
8/12/2017 15:20	20.49
8/12/2017 15:30	20.48
8/12/2017 15:40	20.51
8/12/2017 15:50	20.59
8/12/2017 16:00	20.68
8/12/2017 16:10	20.72
8/12/2017 16:20	20.87
8/12/2017 16:30	20.96
8/12/2017 16:40	21.10
8/12/2017 16:50	21.14
8/12/2017 17:00	21.23
8/12/2017 17:10	21.32
8/12/2017 17:20	21.37
8/12/2017 17:30	21.46
8/12/2017 17:40	21.53
8/12/2017 17:50	21.51
8/12/2017 18:00	21.57
8/12/2017 18:10	21.59
8/12/2017 18:20	21.64
8/12/2017 18:30	21.64
8/12/2017 18:40	21.60

Date/Time	Temp (°C)
8/12/2017 18:50	21.59
8/12/2017 19:00	21.56
8/12/2017 19:10	21.51
8/12/2017 19:20	21.46
8/12/2017 19:30	21.41
8/12/2017 19:40	21.36
8/12/2017 19:50	21.31
8/12/2017 20:00	21.26
8/12/2017 20:10	21.20
8/12/2017 20:20	21.14
8/12/2017 20:30	21.06
8/12/2017 20:40	20.98
8/12/2017 20:50	20.91
8/12/2017 21:00	20.84
8/12/2017 21:10	20.77
8/12/2017 21:20	20.70
8/12/2017 21:30	20.63
8/12/2017 21:40	20.55
8/12/2017 21:50	20.47
8/12/2017 22:00	20.39
8/12/2017 22:10	20.32
8/12/2017 22:20	20.24
8/12/2017 22:30	20.17
8/12/2017 22:40	20.09
8/12/2017 22:50	20.02
8/12/2017 23:00	19.95
8/12/2017 23:10	19.89
8/12/2017 23:20	19.82
8/12/2017 23:30	19.76
8/12/2017 23:40	19.70
8/12/2017 23:50	19.64
8/13/2017 0:00	19.59
8/13/2017 0:10	19.52
8/13/2017 0:20	19.46
8/13/2017 0:30	19.41
8/13/2017 0:40	19.35
8/13/2017 0:50	19.30
8/13/2017 1:00	19.24
8/13/2017 1:10	19.18
8/13/2017 1:20	19.13

Date/Time	Temp (°C)
8/13/2017 1:30	19.07
8/13/2017 1:40	19.01
8/13/2017 1:50	18.95
8/13/2017 2:00	18.90
8/13/2017 2:10	18.84
8/13/2017 2:20	18.78
8/13/2017 2:30	18.73
8/13/2017 2:40	18.67
8/13/2017 2:50	18.60
8/13/2017 3:00	18.55
8/13/2017 3:10	18.49
8/13/2017 3:20	18.43
8/13/2017 3:30	18.37
8/13/2017 3:40	18.32
8/13/2017 3:50	18.27
8/13/2017 4:00	18.20
8/13/2017 4:10	18.16
8/13/2017 4:20	18.10
8/13/2017 4:30	18.04
8/13/2017 4:40	17.99
8/13/2017 4:50	17.95
8/13/2017 5:00	17.90
8/13/2017 5:10	17.85
8/13/2017 5:20	17.80
8/13/2017 5:30	17.75
8/13/2017 5:40	17.72
8/13/2017 5:50	17.67
8/13/2017 6:00	17.63
8/13/2017 6:10	17.58
8/13/2017 6:20	17.56
8/13/2017 6:30	17.52
8/13/2017 6:40	17.48
8/13/2017 6:50	17.46
8/13/2017 7:00	17.43
8/13/2017 7:10	17.41
8/13/2017 7:20	17.39
8/13/2017 7:30	17.37
8/13/2017 7:40	17.36
8/13/2017 7:50	17.35
8/13/2017 8:00	17.34

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/13/2017 8:10	17.34
8/13/2017 8:20	17.33
8/13/2017 8:30	17.34
8/13/2017 8:40	17.35
8/13/2017 8:50	17.37
8/13/2017 9:00	17.40
8/13/2017 9:10	17.44
8/13/2017 9:20	17.51
8/13/2017 9:30	17.58
8/13/2017 9:40	17.66
8/13/2017 9:50	17.75
8/13/2017 10:00	17.82
8/13/2017 10:10	17.90
8/13/2017 10:20	17.99
8/13/2017 10:30	18.05
8/13/2017 10:40	18.13
8/13/2017 10:50	18.22
8/13/2017 11:00	18.37
8/13/2017 11:10	18.46
8/13/2017 11:20	18.57
8/13/2017 11:30	18.61
8/13/2017 11:40	18.73
8/13/2017 11:50	18.82
8/13/2017 12:00	19.05
8/13/2017 12:10	19.18
8/13/2017 12:20	19.40
8/13/2017 12:30	19.53
8/13/2017 12:40	19.73
8/13/2017 12:50	19.82
8/13/2017 13:00	20.03
8/13/2017 13:10	20.20
8/13/2017 13:20	20.38
8/13/2017 13:30	20.56
8/13/2017 13:40	20.77
8/13/2017 13:50	21.06
8/13/2017 14:00	21.28
8/13/2017 14:10	21.53
8/13/2017 14:20	21.48
8/13/2017 14:30	21.73
8/13/2017 14:40	21.70

Date/Time	Temp (°C)
8/13/2017 14:50	21.91
8/13/2017 15:00	21.97
8/13/2017 15:10	22.11
8/13/2017 15:20	22.35
8/13/2017 15:30	22.46
8/13/2017 15:40	22.86
8/13/2017 15:50	22.80
8/13/2017 16:00	22.78
8/13/2017 16:10	22.90
8/13/2017 16:20	22.73
8/13/2017 16:30	22.62
8/13/2017 16:40	22.50
8/13/2017 16:50	22.46
8/13/2017 17:00	22.63
8/13/2017 17:10	22.74
8/13/2017 17:20	22.81
8/13/2017 17:30	22.82
8/13/2017 17:40	22.83
8/13/2017 17:50	22.82
8/13/2017 18:00	22.81
8/13/2017 18:10	22.71
8/13/2017 18:20	22.55
8/13/2017 18:30	22.41
8/13/2017 18:40	22.28
8/13/2017 18:50	22.12
8/13/2017 19:00	21.91
8/13/2017 19:10	21.67
8/13/2017 19:20	21.44
8/13/2017 19:30	21.22
8/13/2017 19:40	21.01
8/13/2017 19:50	20.83
8/13/2017 20:00	20.65
8/13/2017 20:10	20.49
8/13/2017 20:20	20.36
8/13/2017 20:30	20.23
8/13/2017 20:40	20.11
8/13/2017 20:50	20.01
8/13/2017 21:00	19.90
8/13/2017 21:10	19.81
8/13/2017 21:20	19.73

Date/Time	Temp (°C)
8/13/2017 21:30	19.65
8/13/2017 21:40	19.58
8/13/2017 21:50	19.50
8/13/2017 22:00	19.42
8/13/2017 22:10	19.35
8/13/2017 22:20	19.27
8/13/2017 22:30	19.19
8/13/2017 22:40	19.12
8/13/2017 22:50	19.05
8/13/2017 23:00	18.98
8/13/2017 23:10	18.92
8/13/2017 23:20	18.86
8/13/2017 23:30	18.79
8/13/2017 23:40	18.74
8/13/2017 23:50	18.69
8/14/2017 0:00	18.64
8/14/2017 0:10	18.60
8/14/2017 0:20	18.56
8/14/2017 0:30	18.53
8/14/2017 0:40	18.49
8/14/2017 0:50	18.46
8/14/2017 1:00	18.43
8/14/2017 1:10	18.40
8/14/2017 1:20	18.37
8/14/2017 1:30	18.33
8/14/2017 1:40	18.29
8/14/2017 1:50	18.25
8/14/2017 2:00	18.21
8/14/2017 2:10	18.17
8/14/2017 2:20	18.13
8/14/2017 2:30	18.10
8/14/2017 2:40	18.06
8/14/2017 2:50	18.02
8/14/2017 3:00	17.99
8/14/2017 3:10	17.95
8/14/2017 3:20	17.92
8/14/2017 3:30	17.89
8/14/2017 3:40	17.85
8/14/2017 3:50	17.82
8/14/2017 4:00	17.79

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/14/2017 4:10	17.76
8/14/2017 4:20	17.75
8/14/2017 4:30	17.72
8/14/2017 4:40	17.70
8/14/2017 4:50	17.67
8/14/2017 5:00	17.66
8/14/2017 5:10	17.63
8/14/2017 5:20	17.61
8/14/2017 5:30	17.59
8/14/2017 5:40	17.57
8/14/2017 5:50	17.56
8/14/2017 6:00	17.54
8/14/2017 6:10	17.53
8/14/2017 6:20	17.52
8/14/2017 6:30	17.51
8/14/2017 6:40	17.50
8/14/2017 6:50	17.49
8/14/2017 7:00	17.49
8/14/2017 7:10	17.49
8/14/2017 7:20	17.48
8/14/2017 7:30	17.48
8/14/2017 7:40	17.49
8/14/2017 7:50	17.49
8/14/2017 8:00	17.50
8/14/2017 8:10	17.52
8/14/2017 8:20	17.53
8/14/2017 8:30	17.55
8/14/2017 8:40	17.58
8/14/2017 8:50	17.59
8/14/2017 9:00	17.61
8/14/2017 9:10	17.63
8/14/2017 9:20	17.64
8/14/2017 9:30	17.65
8/14/2017 9:40	17.67
8/14/2017 9:50	17.68
8/14/2017 10:00	17.72
8/14/2017 10:10	17.73
8/14/2017 10:20	17.77
8/14/2017 10:30	17.82
8/14/2017 10:40	17.87

Date/Time	Temp (°C)
8/14/2017 10:50	17.91
8/14/2017 11:00	17.93
8/14/2017 11:10	17.99
8/14/2017 11:20	18.04
8/14/2017 11:30	18.12
8/14/2017 11:40	18.15
8/14/2017 11:50	18.19
8/14/2017 12:00	18.23
8/14/2017 12:10	18.28
8/14/2017 12:20	18.35
8/14/2017 12:30	18.38
8/14/2017 12:40	18.45
8/14/2017 12:50	18.53
8/14/2017 13:00	18.55
8/14/2017 13:10	18.39
8/14/2017 13:20	17.54
8/14/2017 13:30	17.91
8/14/2017 13:40	18.42
8/14/2017 13:50	18.71
8/14/2017 14:00	18.92
8/14/2017 14:10	19.04
8/14/2017 14:20	19.14
8/14/2017 14:30	19.23
8/14/2017 14:40	19.33
8/14/2017 14:50	19.42
8/14/2017 15:00	19.46
8/14/2017 15:10	19.48
8/14/2017 15:20	19.51
8/14/2017 15:30	19.54
8/14/2017 15:40	19.57
8/14/2017 15:50	19.58
8/14/2017 16:00	19.59
8/14/2017 16:10	19.61
8/14/2017 16:20	19.62
8/14/2017 16:30	19.65
8/14/2017 16:40	19.65
8/14/2017 16:50	19.65
8/14/2017 17:00	19.58
8/14/2017 17:10	19.36
8/14/2017 17:20	19.22

Date/Time	Temp (°C)
8/14/2017 17:30	19.09
8/14/2017 17:40	19.00
8/14/2017 17:50	18.95
8/14/2017 18:00	18.85
8/14/2017 18:10	18.78
8/14/2017 18:20	18.74
8/14/2017 18:30	18.75
8/14/2017 18:40	18.77
8/14/2017 18:50	18.82
8/14/2017 19:00	18.85
8/14/2017 19:10	18.82
8/14/2017 19:20	18.78
8/14/2017 19:30	18.78
8/14/2017 19:40	18.75
8/14/2017 19:50	18.71
8/14/2017 20:00	18.66
8/14/2017 20:10	18.61
8/14/2017 20:20	18.57
8/14/2017 20:30	18.52
8/14/2017 20:40	18.50
8/14/2017 20:50	18.47
8/14/2017 21:00	18.46
8/14/2017 21:10	18.46
8/14/2017 21:20	18.46
8/14/2017 21:30	18.45
8/14/2017 21:40	18.43
8/14/2017 21:50	18.41
8/14/2017 22:00	18.38
8/14/2017 22:10	18.36
8/14/2017 22:20	18.34
8/14/2017 22:30	18.35
8/14/2017 22:40	18.38
8/14/2017 22:50	18.41
8/14/2017 23:00	18.44
8/14/2017 23:10	18.48
8/14/2017 23:20	18.50
8/14/2017 23:30	18.53
8/14/2017 23:40	18.55
8/14/2017 23:50	18.58
8/15/2017 0:00	18.60

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/15/2017 0:10	18.62
8/15/2017 0:20	18.64
8/15/2017 0:30	18.65
8/15/2017 0:40	18.66
8/15/2017 0:50	18.67
8/15/2017 1:00	18.68
8/15/2017 1:10	18.69
8/15/2017 1:20	18.69
8/15/2017 1:30	18.69
8/15/2017 1:40	18.70
8/15/2017 1:50	18.69
8/15/2017 2:00	18.69
8/15/2017 2:10	18.69
8/15/2017 2:20	18.69
8/15/2017 2:30	18.69
8/15/2017 2:40	18.69
8/15/2017 2:50	18.68
8/15/2017 3:00	18.68
8/15/2017 3:10	18.67
8/15/2017 3:20	18.66
8/15/2017 3:30	18.66
8/15/2017 3:40	18.65
8/15/2017 3:50	18.64
8/15/2017 4:00	18.63
8/15/2017 4:10	18.62
8/15/2017 4:20	18.61
8/15/2017 4:30	18.60
8/15/2017 4:40	18.59
8/15/2017 4:50	18.59
8/15/2017 5:00	18.57
8/15/2017 5:10	18.56
8/15/2017 5:20	18.55
8/15/2017 5:30	18.54
8/15/2017 5:40	18.52
8/15/2017 5:50	18.51
8/15/2017 6:00	18.49
8/15/2017 6:10	18.48
8/15/2017 6:20	18.46
8/15/2017 6:30	18.44
8/15/2017 6:40	18.42

Date/Time	Temp (°C)
8/15/2017 6:50	18.40
8/15/2017 7:00	18.39
8/15/2017 7:10	18.37
8/15/2017 7:20	18.35
8/15/2017 7:30	18.34
8/15/2017 7:40	18.33
8/15/2017 7:50	18.32
8/15/2017 8:00	18.31
8/15/2017 8:10	18.32
8/15/2017 8:20	18.32
8/15/2017 8:30	18.33
8/15/2017 8:40	18.34
8/15/2017 8:50	18.36
8/15/2017 9:00	18.37
8/15/2017 9:10	18.39
8/15/2017 9:20	18.42
8/15/2017 9:30	18.45
8/15/2017 9:40	18.47
8/15/2017 9:50	18.49
8/15/2017 10:00	18.52
8/15/2017 10:10	18.59
8/15/2017 10:20	18.76
8/15/2017 10:30	18.92
8/15/2017 10:40	19.09
8/15/2017 10:50	19.23
8/15/2017 11:00	19.29
8/15/2017 11:10	19.41
8/15/2017 11:20	19.49
8/15/2017 11:30	19.51
8/15/2017 11:40	19.53
8/15/2017 11:50	19.64
8/15/2017 12:00	19.70
8/15/2017 12:10	19.79
8/15/2017 12:20	19.83
8/15/2017 12:30	19.85
8/15/2017 12:40	19.87
8/15/2017 12:50	19.93
8/15/2017 13:00	19.97
8/15/2017 13:10	20.03
8/15/2017 13:20	20.13

Date/Time	Temp (°C)
8/15/2017 13:30	20.38
8/15/2017 13:40	20.52
8/15/2017 13:50	20.73
8/15/2017 14:00	20.89
8/15/2017 14:10	21.05
8/15/2017 14:20	21.14
8/15/2017 14:30	21.28
8/15/2017 14:40	21.29
8/15/2017 14:50	21.35
8/15/2017 15:00	21.54
8/15/2017 15:10	21.65
8/15/2017 15:20	21.86
8/15/2017 15:30	21.91
8/15/2017 15:40	21.89
8/15/2017 15:50	21.73
8/15/2017 16:00	21.72
8/15/2017 16:10	21.54
8/15/2017 16:20	21.42
8/15/2017 16:30	21.01
8/15/2017 16:40	20.13
8/15/2017 16:50	19.96
8/15/2017 17:00	20.36
8/15/2017 17:10	20.65
8/15/2017 17:20	20.67
8/15/2017 17:30	20.45
8/15/2017 17:40	20.22
8/15/2017 17:50	20.05
8/15/2017 18:00	19.91
8/15/2017 18:10	19.86
8/15/2017 18:20	19.82
8/15/2017 18:30	19.82
8/15/2017 18:40	19.88
8/15/2017 18:50	19.89
8/15/2017 19:00	19.76
8/15/2017 19:10	19.66
8/15/2017 19:20	19.52
8/15/2017 19:30	19.30
8/15/2017 19:40	19.11
8/15/2017 19:50	18.97
8/15/2017 20:00	18.89

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/15/2017 20:10	18.84
8/15/2017 20:20	18.83
8/15/2017 20:30	18.83
8/15/2017 20:40	18.84
8/15/2017 20:50	18.86
8/15/2017 21:00	18.88
8/15/2017 21:10	18.89
8/15/2017 21:20	18.89
8/15/2017 21:30	18.88
8/15/2017 21:40	18.87
8/15/2017 21:50	18.86
8/15/2017 22:00	18.84
8/15/2017 22:10	18.84
8/15/2017 22:20	18.89
8/15/2017 22:30	18.96
8/15/2017 22:40	19.02
8/15/2017 22:50	19.09
8/15/2017 23:00	19.15
8/15/2017 23:10	19.20
8/15/2017 23:20	19.23
8/15/2017 23:30	19.27
8/15/2017 23:40	19.30
8/15/2017 23:50	19.33
8/16/2017 0:00	19.35
8/16/2017 0:10	19.36
8/16/2017 0:20	19.39
8/16/2017 0:30	19.39
8/16/2017 0:40	19.41
8/16/2017 0:50	19.41
8/16/2017 1:00	19.41
8/16/2017 1:10	19.41
8/16/2017 1:20	19.41
8/16/2017 1:30	19.41
8/16/2017 1:40	19.40
8/16/2017 1:50	19.40
8/16/2017 2:00	19.39
8/16/2017 2:10	19.39
8/16/2017 2:20	19.37
8/16/2017 2:30	19.35
8/16/2017 2:40	19.34

Date/Time	Temp (°C)
8/16/2017 2:50	19.32
8/16/2017 3:00	19.31
8/16/2017 3:10	19.29
8/16/2017 3:20	19.27
8/16/2017 3:30	19.26
8/16/2017 3:40	19.24
8/16/2017 3:50	19.23
8/16/2017 4:00	19.22
8/16/2017 4:10	19.21
8/16/2017 4:20	19.19
8/16/2017 4:30	19.18
8/16/2017 4:40	19.17
8/16/2017 4:50	19.16
8/16/2017 5:00	19.15
8/16/2017 5:10	19.13
8/16/2017 5:20	19.12
8/16/2017 5:30	19.11
8/16/2017 5:40	19.10
8/16/2017 5:50	19.07
8/16/2017 6:00	19.06
8/16/2017 6:10	19.03
8/16/2017 6:20	19.01
8/16/2017 6:30	18.99
8/16/2017 6:40	18.97
8/16/2017 6:50	18.95
8/16/2017 7:00	18.94
8/16/2017 7:10	18.92
8/16/2017 7:20	18.91
8/16/2017 7:30	18.90
8/16/2017 7:40	18.90
8/16/2017 7:50	18.92
8/16/2017 8:00	18.93
8/16/2017 8:10	18.94
8/16/2017 8:20	18.96
8/16/2017 8:30	18.97
8/16/2017 8:40	18.99
8/16/2017 8:50	19.03
8/16/2017 9:00	19.09
8/16/2017 9:10	19.18
8/16/2017 9:20	19.27

Date/Time	Temp (°C)
8/16/2017 9:30	19.33
8/16/2017 9:40	19.42
8/16/2017 9:50	19.52
8/16/2017 10:00	19.62
8/16/2017 10:10	19.73
8/16/2017 10:20	19.85
8/16/2017 10:30	19.94
8/16/2017 10:40	19.96
8/16/2017 10:50	20.01
8/16/2017 11:00	20.09
8/16/2017 11:10	20.15
8/16/2017 11:20	20.24
8/16/2017 11:30	20.32
8/16/2017 11:40	20.38
8/16/2017 11:50	20.51
8/16/2017 12:00	20.55
8/16/2017 12:10	20.66
8/16/2017 12:20	20.74
8/16/2017 12:30	20.86
8/16/2017 12:40	20.87
8/16/2017 12:50	20.95
8/16/2017 13:00	21.17
8/16/2017 13:10	21.35
8/16/2017 13:20	21.61
8/16/2017 13:30	21.81
8/16/2017 13:40	22.01
8/16/2017 13:50	22.22
8/16/2017 14:00	22.43
8/16/2017 14:10	22.66
8/16/2017 14:20	22.85
8/16/2017 14:30	23.16
8/16/2017 14:40	23.42
8/16/2017 14:50	23.72
8/16/2017 15:00	23.91
8/16/2017 15:10	24.06
8/16/2017 15:20	24.09
8/16/2017 15:30	24.09
8/16/2017 15:40	24.14
8/16/2017 15:50	24.33
8/16/2017 16:00	24.43

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/16/2017 16:10	24.33
8/16/2017 16:20	24.00
8/16/2017 16:30	23.75
8/16/2017 16:40	22.67
8/16/2017 16:50	21.37
8/16/2017 17:00	21.00
8/16/2017 17:10	20.94
8/16/2017 17:20	20.79
8/16/2017 17:30	20.60
8/16/2017 17:40	20.37
8/16/2017 17:50	20.19
8/16/2017 18:00	20.04
8/16/2017 18:10	19.92
8/16/2017 18:20	19.84
8/16/2017 18:30	19.87
8/16/2017 18:40	19.90
8/16/2017 18:50	19.89
8/16/2017 19:00	19.82
8/16/2017 19:10	19.66
8/16/2017 19:20	19.47
8/16/2017 19:30	19.34
8/16/2017 19:40	19.26
8/16/2017 19:50	19.18
8/16/2017 20:00	19.12
8/16/2017 20:10	19.07
8/16/2017 20:20	19.03
8/16/2017 20:30	19.01
8/16/2017 20:40	18.99
8/16/2017 20:50	18.98
8/16/2017 21:00	18.96
8/16/2017 21:10	18.95
8/16/2017 21:20	18.93
8/16/2017 21:30	18.91
8/16/2017 21:40	18.88
8/16/2017 21:50	18.86
8/16/2017 22:00	18.83
8/16/2017 22:10	18.81
8/16/2017 22:20	18.78
8/16/2017 22:30	18.78
8/16/2017 22:40	18.84

Date/Time	Temp (°C)
8/16/2017 22:50	18.94
8/16/2017 23:00	19.04
8/16/2017 23:10	19.15
8/16/2017 23:20	19.25
8/16/2017 23:30	19.36
8/16/2017 23:40	19.44
8/16/2017 23:50	19.53
8/17/2017 0:00	19.59
8/17/2017 0:10	19.65
8/17/2017 0:20	19.70
8/17/2017 0:30	19.73
8/17/2017 0:40	19.75
8/17/2017 0:50	19.78
8/17/2017 1:00	19.80
8/17/2017 1:10	19.83
8/17/2017 1:20	19.86
8/17/2017 1:30	19.86
8/17/2017 1:40	19.86
8/17/2017 1:50	19.86
8/17/2017 2:00	19.87
8/17/2017 2:10	19.87
8/17/2017 2:20	19.88
8/17/2017 2:30	19.87
8/17/2017 2:40	19.86
8/17/2017 2:50	19.85
8/17/2017 3:00	19.84
8/17/2017 3:10	19.84
8/17/2017 3:20	19.82
8/17/2017 3:30	19.81
8/17/2017 3:40	19.78
8/17/2017 3:50	19.76
8/17/2017 4:00	19.75
8/17/2017 4:10	19.73
8/17/2017 4:20	19.70
8/17/2017 4:30	19.68
8/17/2017 4:40	19.65
8/17/2017 4:50	19.63
8/17/2017 5:00	19.60
8/17/2017 5:10	19.58
8/17/2017 5:20	19.55

Date/Time	Temp (°C)
8/17/2017 5:30	19.52
8/17/2017 5:40	19.50
8/17/2017 5:50	19.47
8/17/2017 6:00	19.45
8/17/2017 6:10	19.42
8/17/2017 6:20	19.39
8/17/2017 6:30	19.36
8/17/2017 6:40	19.33
8/17/2017 6:50	19.32
8/17/2017 7:00	19.29
8/17/2017 7:10	19.27
8/17/2017 7:20	19.25
8/17/2017 7:30	19.24
8/17/2017 7:40	19.23
8/17/2017 7:50	19.20
8/17/2017 8:00	19.18
8/17/2017 8:10	19.16
8/17/2017 8:20	19.15
8/17/2017 8:30	19.15
8/17/2017 8:40	19.18
8/17/2017 8:50	19.21
8/17/2017 9:00	19.26
8/17/2017 9:10	19.33
8/17/2017 9:20	19.41
8/17/2017 9:30	19.49
8/17/2017 9:40	19.55
8/17/2017 9:50	19.64
8/17/2017 10:00	19.73
8/17/2017 10:10	19.85
8/17/2017 10:20	19.99
8/17/2017 10:30	20.11
8/17/2017 10:40	20.19
8/17/2017 10:50	20.32
8/17/2017 11:00	20.45
8/17/2017 11:10	20.60
8/17/2017 11:20	20.73
8/17/2017 11:30	20.89
8/17/2017 11:40	21.05
8/17/2017 11:50	21.22
8/17/2017 12:00	21.40

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/17/2017 12:10	21.57
8/17/2017 12:20	21.73
8/17/2017 12:30	21.86
8/17/2017 12:40	22.02
8/17/2017 12:50	22.21
8/17/2017 13:00	22.42
8/17/2017 13:10	22.54
8/17/2017 13:20	22.75
8/17/2017 13:30	22.93
8/17/2017 13:40	23.19
8/17/2017 13:50	23.39
8/17/2017 14:00	23.67
8/17/2017 14:10	23.91
8/17/2017 14:20	24.09
8/17/2017 14:30	24.09
8/17/2017 14:40	24.26
8/17/2017 14:50	24.58
8/17/2017 15:00	24.72
8/17/2017 15:10	25.05
8/17/2017 15:20	25.30
8/17/2017 15:30	25.55
8/17/2017 15:40	25.63
8/17/2017 15:50	25.56
8/17/2017 16:00	25.37
8/17/2017 16:10	25.11
8/17/2017 16:20	24.90
8/17/2017 16:30	24.44
8/17/2017 16:40	23.13
8/17/2017 16:50	22.06
8/17/2017 17:00	21.72
8/17/2017 17:10	21.59
8/17/2017 17:20	21.50
8/17/2017 17:30	21.48
8/17/2017 17:40	21.39
8/17/2017 17:50	21.04
8/17/2017 18:00	20.60
8/17/2017 18:10	20.38
8/17/2017 18:20	20.32
8/17/2017 18:30	20.12
8/17/2017 18:40	19.97

Date/Time	Temp (°C)
8/17/2017 18:50	19.87
8/17/2017 19:00	19.86
8/17/2017 19:10	19.86
8/17/2017 19:20	19.82
8/17/2017 19:30	19.85
8/17/2017 19:40	19.87
8/17/2017 19:50	19.74
8/17/2017 20:00	19.41
8/17/2017 20:10	19.22
8/17/2017 20:20	19.18
8/17/2017 20:30	19.12
8/17/2017 20:40	19.06
8/17/2017 20:50	19.01
8/17/2017 21:00	18.97
8/17/2017 21:10	18.94
8/17/2017 21:20	18.89
8/17/2017 21:30	18.84
8/17/2017 21:40	18.80
8/17/2017 21:50	18.77
8/17/2017 22:00	18.74
8/17/2017 22:10	18.72
8/17/2017 22:20	18.71
8/17/2017 22:30	18.69
8/17/2017 22:40	18.68
8/17/2017 22:50	18.66
8/17/2017 23:00	18.65
8/17/2017 23:10	18.64
8/17/2017 23:20	18.63
8/17/2017 23:30	18.62
8/17/2017 23:40	18.62
8/17/2017 23:50	18.60
8/18/2017 0:00	18.59
8/18/2017 0:10	18.58
8/18/2017 0:20	18.57
8/18/2017 0:30	18.56
8/18/2017 0:40	18.55
8/18/2017 0:50	18.55
8/18/2017 1:00	18.56
8/18/2017 1:10	18.56
8/18/2017 1:20	18.55

Date/Time	Temp (°C)
8/18/2017 1:30	18.55
8/18/2017 1:40	18.56
8/18/2017 1:50	18.58
8/18/2017 2:00	18.59
8/18/2017 2:10	18.61
8/18/2017 2:20	18.63
8/18/2017 2:30	18.66
8/18/2017 2:40	18.68
8/18/2017 2:50	18.69
8/18/2017 3:00	18.71
8/18/2017 3:10	18.73
8/18/2017 3:20	18.75
8/18/2017 3:30	18.77
8/18/2017 3:40	18.78
8/18/2017 3:50	18.79
8/18/2017 4:00	18.80
8/18/2017 4:10	18.80
8/18/2017 4:20	18.82
8/18/2017 4:30	18.83
8/18/2017 4:40	18.83
8/18/2017 4:50	18.84
8/18/2017 5:00	18.85
8/18/2017 5:10	18.86
8/18/2017 5:20	18.87
8/18/2017 5:30	18.88
8/18/2017 5:40	18.89
8/18/2017 5:50	18.90
8/18/2017 6:00	18.91
8/18/2017 6:10	18.93
8/18/2017 6:20	18.95
8/18/2017 6:30	18.97
8/18/2017 6:40	18.99
8/18/2017 6:50	19.01
8/18/2017 7:00	19.03
8/18/2017 7:10	19.05
8/18/2017 7:20	19.07
8/18/2017 7:30	19.09
8/18/2017 7:40	19.10
8/18/2017 7:50	19.11
8/18/2017 8:00	19.12

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/18/2017 8:10	19.14
8/18/2017 8:20	19.17
8/18/2017 8:30	19.19
8/18/2017 8:40	19.21
8/18/2017 8:50	19.24
8/18/2017 9:00	19.27
8/18/2017 9:10	19.30
8/18/2017 9:20	19.33
8/18/2017 9:30	19.38
8/18/2017 9:40	19.43
8/18/2017 9:50	19.47
8/18/2017 10:00	19.54
8/18/2017 10:10	19.59
8/18/2017 10:20	19.64
8/18/2017 10:30	19.70
8/18/2017 10:40	19.76
8/18/2017 10:50	19.86
8/18/2017 11:00	19.94
8/18/2017 11:10	20.03
8/18/2017 11:20	20.06
8/18/2017 11:30	20.17
8/18/2017 11:40	20.29
8/18/2017 11:50	20.40
8/18/2017 12:00	20.55
8/18/2017 12:10	20.71
8/18/2017 12:20	20.88
8/18/2017 12:30	21.05
8/18/2017 12:40	21.19
8/18/2017 12:50	21.55
8/18/2017 13:00	21.82
8/18/2017 13:10	22.00
8/18/2017 13:20	21.51
8/18/2017 13:30	20.41
8/18/2017 13:40	20.47
8/18/2017 13:50	20.49
8/18/2017 14:00	20.46
8/18/2017 14:10	20.41
8/18/2017 14:20	20.37
8/18/2017 14:30	20.32
8/18/2017 14:40	20.31

Date/Time	Temp (°C)
8/18/2017 14:50	20.36
8/18/2017 15:00	20.38
8/18/2017 15:10	20.38
8/18/2017 15:20	20.53
8/18/2017 15:30	20.64
8/18/2017 15:40	20.71
8/18/2017 15:50	20.70
8/18/2017 16:00	20.73
8/18/2017 16:10	20.89
8/18/2017 16:20	20.93
8/18/2017 16:30	20.95
8/18/2017 16:40	21.01
8/18/2017 16:50	20.98
8/18/2017 17:00	20.76
8/18/2017 17:10	20.71
8/18/2017 17:20	20.73
8/18/2017 17:30	20.75
8/18/2017 17:40	20.71
8/18/2017 17:50	20.47
8/18/2017 18:00	20.31
8/18/2017 18:10	20.20
8/18/2017 18:20	20.15
8/18/2017 18:30	20.16
8/18/2017 18:40	20.12
8/18/2017 18:50	20.07
8/18/2017 19:00	20.03
8/18/2017 19:10	20.01
8/18/2017 19:20	19.83
8/18/2017 19:30	19.58
8/18/2017 19:40	19.45
8/18/2017 19:50	19.40
8/18/2017 20:00	19.33
8/18/2017 20:10	19.24
8/18/2017 20:20	19.14
8/18/2017 20:30	19.06
8/18/2017 20:40	19.02
8/18/2017 20:50	18.99
8/18/2017 21:00	18.99
8/18/2017 21:10	19.00
8/18/2017 21:20	19.02

Date/Time	Temp (°C)
8/18/2017 21:30	19.04
8/18/2017 21:40	19.06
8/18/2017 21:50	19.07
8/18/2017 22:00	19.08
8/18/2017 22:10	19.09
8/18/2017 22:20	19.09
8/18/2017 22:30	19.09
8/18/2017 22:40	19.09
8/18/2017 22:50	19.09
8/18/2017 23:00	19.10
8/18/2017 23:10	19.13
8/18/2017 23:20	19.20
8/18/2017 23:30	19.27
8/18/2017 23:40	19.35
8/18/2017 23:50	19.43
8/19/2017 0:00	19.50
8/19/2017 0:10	19.56
8/19/2017 0:20	19.63
8/19/2017 0:30	19.69
8/19/2017 0:40	19.73
8/19/2017 0:50	19.78
8/19/2017 1:00	19.82
8/19/2017 1:10	19.84
8/19/2017 1:20	19.88
8/19/2017 1:30	19.89
8/19/2017 1:40	19.91
8/19/2017 1:50	19.93
8/19/2017 2:00	19.94
8/19/2017 2:10	19.95
8/19/2017 2:20	19.95
8/19/2017 2:30	19.95
8/19/2017 2:40	19.94
8/19/2017 2:50	19.92
8/19/2017 3:00	19.92
8/19/2017 3:10	19.91
8/19/2017 3:20	19.90
8/19/2017 3:30	19.88
8/19/2017 3:40	19.86
8/19/2017 3:50	19.85
8/19/2017 4:00	19.83

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/19/2017 4:10	19.81
8/19/2017 4:20	19.79
8/19/2017 4:30	19.76
8/19/2017 4:40	19.73
8/19/2017 4:50	19.69
8/19/2017 5:00	19.65
8/19/2017 5:10	19.62
8/19/2017 5:20	19.57
8/19/2017 5:30	19.52
8/19/2017 5:40	19.47
8/19/2017 5:50	19.41
8/19/2017 6:00	19.36
8/19/2017 6:10	19.32
8/19/2017 6:20	19.27
8/19/2017 6:30	19.22
8/19/2017 6:40	19.17
8/19/2017 6:50	19.13
8/19/2017 7:00	19.09
8/19/2017 7:10	19.05
8/19/2017 7:20	19.02
8/19/2017 7:30	18.99
8/19/2017 7:40	18.96
8/19/2017 7:50	18.94
8/19/2017 8:00	18.92
8/19/2017 8:10	18.91
8/19/2017 8:20	18.91
8/19/2017 8:30	18.90
8/19/2017 8:40	18.92
8/19/2017 8:50	18.98
8/19/2017 9:00	19.04
8/19/2017 9:10	19.10
8/19/2017 9:20	19.16
8/19/2017 9:30	19.15
8/19/2017 9:40	19.15
8/19/2017 9:50	19.22
8/19/2017 10:00	19.32
8/19/2017 10:10	19.37
8/19/2017 10:20	19.45
8/19/2017 10:30	19.57
8/19/2017 10:40	19.68

Date/Time	Temp (°C)
8/19/2017 10:50	19.84
8/19/2017 11:00	19.99
8/19/2017 11:10	20.21
8/19/2017 11:20	20.35
8/19/2017 11:30	20.39
8/19/2017 11:40	20.41
8/19/2017 11:50	20.42
8/19/2017 12:00	20.46
8/19/2017 12:10	20.47
8/19/2017 12:20	20.51
8/19/2017 12:30	20.54
8/19/2017 12:40	20.62
8/19/2017 12:50	20.65
8/19/2017 13:00	20.70
8/19/2017 13:10	20.63
8/19/2017 13:20	19.95
8/19/2017 13:30	19.14
8/19/2017 13:40	19.51
8/19/2017 13:50	19.85
8/19/2017 14:00	20.08
8/19/2017 14:10	20.28
8/19/2017 14:20	20.47
8/19/2017 14:30	20.67
8/19/2017 14:40	20.84
8/19/2017 14:50	21.02
8/19/2017 15:00	21.15
8/19/2017 15:10	21.25
8/19/2017 15:20	21.34
8/19/2017 15:30	21.40
8/19/2017 15:40	21.50
8/19/2017 15:50	21.66
8/19/2017 16:00	21.80
8/19/2017 16:10	21.98
8/19/2017 16:20	22.15
8/19/2017 16:30	22.30
8/19/2017 16:40	22.34
8/19/2017 16:50	22.54
8/19/2017 17:00	22.61
8/19/2017 17:10	22.71
8/19/2017 17:20	22.73

Date/Time	Temp (°C)
8/19/2017 17:30	22.78
8/19/2017 17:40	22.85
8/19/2017 17:50	22.93
8/19/2017 18:00	22.99
8/19/2017 18:10	23.01
8/19/2017 18:20	23.00
8/19/2017 18:30	22.92
8/19/2017 18:40	22.85
8/19/2017 18:50	22.77
8/19/2017 19:00	22.63
8/19/2017 19:10	22.51
8/19/2017 19:20	22.56
8/19/2017 19:30	22.54
8/19/2017 19:40	22.50
8/19/2017 19:50	22.44
8/19/2017 20:00	22.37
8/19/2017 20:10	22.32
8/19/2017 20:20	22.30
8/19/2017 20:30	22.26
8/19/2017 20:40	22.21
8/19/2017 20:50	22.16
8/19/2017 21:00	22.11
8/19/2017 21:10	22.07
8/19/2017 21:20	22.04
8/19/2017 21:30	21.99
8/19/2017 21:40	21.93
8/19/2017 21:50	21.88
8/19/2017 22:00	21.83
8/19/2017 22:10	21.76
8/19/2017 22:20	21.69
8/19/2017 22:30	21.62
8/19/2017 22:40	21.55
8/19/2017 22:50	21.48
8/19/2017 23:00	21.41
8/19/2017 23:10	21.34
8/19/2017 23:20	21.28
8/19/2017 23:30	21.22
8/19/2017 23:40	21.15
8/19/2017 23:50	21.10
8/20/2017 0:00	21.05

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/20/2017 0:10	20.98
8/20/2017 0:20	20.92
8/20/2017 0:30	20.86
8/20/2017 0:40	20.81
8/20/2017 0:50	20.76
8/20/2017 1:00	20.72
8/20/2017 1:10	20.66
8/20/2017 1:20	20.62
8/20/2017 1:30	20.58
8/20/2017 1:40	20.54
8/20/2017 1:50	20.50
8/20/2017 2:00	20.47
8/20/2017 2:10	20.43
8/20/2017 2:20	20.41
8/20/2017 2:30	20.37
8/20/2017 2:40	20.35
8/20/2017 2:50	20.32
8/20/2017 3:00	20.28
8/20/2017 3:10	20.25
8/20/2017 3:20	20.22
8/20/2017 3:30	20.19
8/20/2017 3:40	20.16
8/20/2017 3:50	20.13
8/20/2017 4:00	20.09
8/20/2017 4:10	20.05
8/20/2017 4:20	20.02
8/20/2017 4:30	19.98
8/20/2017 4:40	19.95
8/20/2017 4:50	19.91
8/20/2017 5:00	19.88
8/20/2017 5:10	19.84
8/20/2017 5:20	19.81
8/20/2017 5:30	19.77
8/20/2017 5:40	19.72
8/20/2017 5:50	19.69
8/20/2017 6:00	19.64
8/20/2017 6:10	19.61
8/20/2017 6:20	19.57
8/20/2017 6:30	19.54
8/20/2017 6:40	19.50

Date/Time	Temp (°C)
8/20/2017 6:50	19.47
8/20/2017 7:00	19.43
8/20/2017 7:10	19.41
8/20/2017 7:20	19.38
8/20/2017 7:30	19.36
8/20/2017 7:40	19.33
8/20/2017 7:50	19.32
8/20/2017 8:00	19.30
8/20/2017 8:10	19.29
8/20/2017 8:20	19.29
8/20/2017 8:30	19.29
8/20/2017 8:40	19.29
8/20/2017 8:50	19.31
8/20/2017 9:00	19.33
8/20/2017 9:10	19.36
8/20/2017 9:20	19.47
8/20/2017 9:30	19.61
8/20/2017 9:40	19.73
8/20/2017 9:50	19.84
8/20/2017 10:00	19.92
8/20/2017 10:10	20.00
8/20/2017 10:20	20.09
8/20/2017 10:30	20.20
8/20/2017 10:40	20.31
8/20/2017 10:50	20.42
8/20/2017 11:00	20.55
8/20/2017 11:10	20.69
8/20/2017 11:20	20.83
8/20/2017 11:30	20.99
8/20/2017 11:40	21.15
8/20/2017 11:50	21.29
8/20/2017 12:00	21.50
8/20/2017 12:10	21.70
8/20/2017 12:20	21.89
8/20/2017 12:30	22.08
8/20/2017 12:40	22.24
8/20/2017 12:50	22.42
8/20/2017 13:00	22.68
8/20/2017 13:10	22.93
8/20/2017 13:20	23.16

Date/Time	Temp (°C)
8/20/2017 13:30	23.39
8/20/2017 13:40	23.60
8/20/2017 13:50	23.78
8/20/2017 14:00	24.01
8/20/2017 14:10	24.16
8/20/2017 14:20	24.27
8/20/2017 14:30	24.38
8/20/2017 14:40	24.04
8/20/2017 14:50	23.12
8/20/2017 15:00	21.54
8/20/2017 15:10	21.57
8/20/2017 15:20	21.71
8/20/2017 15:30	21.73
8/20/2017 15:40	21.78
8/20/2017 15:50	21.82
8/20/2017 16:00	21.91
8/20/2017 16:10	22.00
8/20/2017 16:20	22.11
8/20/2017 16:30	22.22
8/20/2017 16:40	22.32
8/20/2017 16:50	22.45
8/20/2017 17:00	22.55
8/20/2017 17:10	22.66
8/20/2017 17:20	22.75
8/20/2017 17:30	22.85
8/20/2017 17:40	22.93
8/20/2017 17:50	22.99
8/20/2017 18:00	23.04
8/20/2017 18:10	23.08
8/20/2017 18:20	23.11
8/20/2017 18:30	23.10
8/20/2017 18:40	23.07
8/20/2017 18:50	23.00
8/20/2017 19:00	22.88
8/20/2017 19:10	22.79
8/20/2017 19:20	22.69
8/20/2017 19:30	22.60
8/20/2017 19:40	22.53
8/20/2017 19:50	22.47
8/20/2017 20:00	22.44

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/20/2017 20:10	22.42
8/20/2017 20:20	22.40
8/20/2017 20:30	22.38
8/20/2017 20:40	22.35
8/20/2017 20:50	22.34
8/20/2017 21:00	22.32
8/20/2017 21:10	22.28
8/20/2017 21:20	22.26
8/20/2017 21:30	22.23
8/20/2017 21:40	22.19
8/20/2017 21:50	22.15
8/20/2017 22:00	22.11
8/20/2017 22:10	22.07
8/20/2017 22:20	22.02
8/20/2017 22:30	21.97
8/20/2017 22:40	21.92
8/20/2017 22:50	21.86
8/20/2017 23:00	21.80
8/20/2017 23:10	21.75
8/20/2017 23:20	21.69
8/20/2017 23:30	21.63
8/20/2017 23:40	21.57
8/20/2017 23:50	21.51
8/21/2017 0:00	21.45
8/21/2017 0:10	21.39
8/21/2017 0:20	21.34
8/21/2017 0:30	21.28
8/21/2017 0:40	21.23
8/21/2017 0:50	21.18
8/21/2017 1:00	21.13
8/21/2017 1:10	21.08
8/21/2017 1:20	21.03
8/21/2017 1:30	20.98
8/21/2017 1:40	20.94
8/21/2017 1:50	20.89
8/21/2017 2:00	20.85
8/21/2017 2:10	20.81
8/21/2017 2:20	20.76
8/21/2017 2:30	20.72
8/21/2017 2:40	20.68

Date/Time	Temp (°C)
8/21/2017 2:50	20.64
8/21/2017 3:00	20.60
8/21/2017 3:10	20.56
8/21/2017 3:20	20.51
8/21/2017 3:30	20.47
8/21/2017 3:40	20.42
8/21/2017 3:50	20.38
8/21/2017 4:00	20.33
8/21/2017 4:10	20.29
8/21/2017 4:20	20.25
8/21/2017 4:30	20.20
8/21/2017 4:40	20.15
8/21/2017 4:50	20.11
8/21/2017 5:00	20.06
8/21/2017 5:10	20.02
8/21/2017 5:20	19.97
8/21/2017 5:30	19.93
8/21/2017 5:40	19.89
8/21/2017 5:50	19.84
8/21/2017 6:00	19.79
8/21/2017 6:10	19.75
8/21/2017 6:20	19.70
8/21/2017 6:30	19.65
8/21/2017 6:40	19.61
8/21/2017 6:50	19.57
8/21/2017 7:00	19.53
8/21/2017 7:10	19.49
8/21/2017 7:20	19.46
8/21/2017 7:30	19.43
8/21/2017 7:40	19.40
8/21/2017 7:50	19.38
8/21/2017 8:00	19.37
8/21/2017 8:10	19.37
8/21/2017 8:20	19.37
8/21/2017 8:30	19.37
8/21/2017 8:40	19.39
8/21/2017 8:50	19.42
8/21/2017 9:00	19.48
8/21/2017 9:10	19.55
8/21/2017 9:20	19.64

Date/Time	Temp (°C)
8/21/2017 9:30	19.72
8/21/2017 9:40	19.82
8/21/2017 9:50	19.93
8/21/2017 10:00	20.03
8/21/2017 10:10	20.13
8/21/2017 10:20	20.20
8/21/2017 10:30	20.36
8/21/2017 10:40	20.49
8/21/2017 10:50	20.62
8/21/2017 11:00	20.76
8/21/2017 11:10	20.81
8/21/2017 11:20	20.96
8/21/2017 11:30	21.14
8/21/2017 11:40	21.30
8/21/2017 11:50	21.49
8/21/2017 12:00	21.68
8/21/2017 12:10	21.87
8/21/2017 12:20	22.05
8/21/2017 12:30	22.22
8/21/2017 12:40	22.43
8/21/2017 12:50	22.50
8/21/2017 13:00	22.60
8/21/2017 13:10	22.69
8/21/2017 13:20	22.64
8/21/2017 13:30	22.32
8/21/2017 13:40	21.05
8/21/2017 13:50	20.66
8/21/2017 14:00	20.73
8/21/2017 14:10	20.77
8/21/2017 14:20	20.75
8/21/2017 14:30	20.65
8/21/2017 14:40	20.53
8/21/2017 14:50	20.42
8/21/2017 15:00	20.35
8/21/2017 15:10	20.37
8/21/2017 15:20	20.50
8/21/2017 15:30	20.64
8/21/2017 15:40	20.76
8/21/2017 15:50	20.88
8/21/2017 16:00	21.03

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/21/2017 16:10	21.15
8/21/2017 16:20	21.30
8/21/2017 16:30	21.45
8/21/2017 16:40	21.58
8/21/2017 16:50	21.72
8/21/2017 17:00	21.80
8/21/2017 17:10	21.95
8/21/2017 17:20	22.10
8/21/2017 17:30	22.18
8/21/2017 17:40	22.28
8/21/2017 17:50	22.35
8/21/2017 18:00	22.40
8/21/2017 18:10	22.48
8/21/2017 18:20	22.52
8/21/2017 18:30	22.55
8/21/2017 18:40	22.54
8/21/2017 18:50	22.51
8/21/2017 19:00	22.46
8/21/2017 19:10	22.41
8/21/2017 19:20	22.35
8/21/2017 19:30	22.28
8/21/2017 19:40	22.22
8/21/2017 19:50	22.16
8/21/2017 20:00	22.12
8/21/2017 20:10	22.09
8/21/2017 20:20	22.07
8/21/2017 20:30	22.05
8/21/2017 20:40	22.03
8/21/2017 20:50	22.02
8/21/2017 21:00	22.01
8/21/2017 21:10	22.00
8/21/2017 21:20	22.00
8/21/2017 21:30	21.99
8/21/2017 21:40	21.97
8/21/2017 21:50	21.95
8/21/2017 22:00	21.94
8/21/2017 22:10	21.93
8/21/2017 22:20	21.91
8/21/2017 22:30	21.89
8/21/2017 22:40	21.87

Date/Time	Temp (°C)
8/21/2017 22:50	21.85
8/21/2017 23:00	21.82
8/21/2017 23:10	21.79
8/21/2017 23:20	21.76
8/21/2017 23:30	21.73
8/21/2017 23:40	21.69
8/21/2017 23:50	21.65
8/22/2017 0:00	21.61
8/22/2017 0:10	21.57
8/22/2017 0:20	21.53
8/22/2017 0:30	21.48
8/22/2017 0:40	21.44
8/22/2017 0:50	21.40
8/22/2017 1:00	21.36
8/22/2017 1:10	21.31
8/22/2017 1:20	21.27
8/22/2017 1:30	21.23
8/22/2017 1:40	21.17
8/22/2017 1:50	21.13
8/22/2017 2:00	21.08
8/22/2017 2:10	21.04
8/22/2017 2:20	21.00
8/22/2017 2:30	20.97
8/22/2017 2:40	20.94
8/22/2017 2:50	20.91
8/22/2017 3:00	20.88
8/22/2017 3:10	20.85
8/22/2017 3:20	20.81
8/22/2017 3:30	20.76
8/22/2017 3:40	20.71
8/22/2017 3:50	20.66
8/22/2017 4:00	20.62
8/22/2017 4:10	20.57
8/22/2017 4:20	20.52
8/22/2017 4:30	20.47
8/22/2017 4:40	20.42
8/22/2017 4:50	20.37
8/22/2017 5:00	20.33
8/22/2017 5:10	20.28
8/22/2017 5:20	20.24

Date/Time	Temp (°C)
8/22/2017 5:30	20.20
8/22/2017 5:40	20.16
8/22/2017 5:50	20.12
8/22/2017 6:00	20.06
8/22/2017 6:10	20.02
8/22/2017 6:20	19.97
8/22/2017 6:30	19.92
8/22/2017 6:40	19.87
8/22/2017 6:50	19.83
8/22/2017 7:00	19.79
8/22/2017 7:10	19.75
8/22/2017 7:20	19.72
8/22/2017 7:30	19.69
8/22/2017 7:40	19.66
8/22/2017 7:50	19.65
8/22/2017 8:00	19.64
8/22/2017 8:10	19.62
8/22/2017 8:20	19.63
8/22/2017 8:30	19.63
8/22/2017 8:40	19.64
8/22/2017 8:50	19.68
8/22/2017 9:00	19.75
8/22/2017 9:10	19.84
8/22/2017 9:20	19.93
8/22/2017 9:30	20.03
8/22/2017 9:40	20.13
8/22/2017 9:50	20.25
8/22/2017 10:00	20.37
8/22/2017 10:10	20.50
8/22/2017 10:20	20.65
8/22/2017 10:30	20.78
8/22/2017 10:40	20.92
8/22/2017 10:50	21.07
8/22/2017 11:00	21.21
8/22/2017 11:10	21.30
8/22/2017 11:20	21.40
8/22/2017 11:30	21.46
8/22/2017 11:40	21.55
8/22/2017 11:50	21.72
8/22/2017 12:00	21.89

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/22/2017 12:10	22.02
8/22/2017 12:20	22.26
8/22/2017 12:30	22.45
8/22/2017 12:40	22.59
8/22/2017 12:50	22.77
8/22/2017 13:00	23.05
8/22/2017 13:10	23.30
8/22/2017 13:20	23.57
8/22/2017 13:30	23.74
8/22/2017 13:40	24.02
8/22/2017 13:50	24.17
8/22/2017 14:00	24.39
8/22/2017 14:10	24.54
8/22/2017 14:20	24.60
8/22/2017 14:30	24.81
8/22/2017 14:40	24.29
8/22/2017 14:50	23.56
8/22/2017 15:00	21.89
8/22/2017 15:10	21.70
8/22/2017 15:20	21.76
8/22/2017 15:30	21.74
8/22/2017 15:40	21.68
8/22/2017 15:50	21.69
8/22/2017 16:00	21.72
8/22/2017 16:10	21.81
8/22/2017 16:20	21.92
8/22/2017 16:30	22.01
8/22/2017 16:40	22.03
8/22/2017 16:50	22.07
8/22/2017 17:00	22.21
8/22/2017 17:10	22.22
8/22/2017 17:20	22.24
8/22/2017 17:30	22.26
8/22/2017 17:40	22.29
8/22/2017 17:50	22.30
8/22/2017 18:00	22.30
8/22/2017 18:10	22.30
8/22/2017 18:20	22.29
8/22/2017 18:30	22.28
8/22/2017 18:40	22.27

Date/Time	Temp (°C)
8/22/2017 18:50	22.24
8/22/2017 19:00	22.22
8/22/2017 19:10	22.21
8/22/2017 19:20	22.18
8/22/2017 19:30	22.16
8/22/2017 19:40	22.13
8/22/2017 19:50	22.10
8/22/2017 20:00	22.07
8/22/2017 20:10	22.04
8/22/2017 20:20	22.02
8/22/2017 20:30	22.02
8/22/2017 20:40	22.02
8/22/2017 20:50	22.03
8/22/2017 21:00	22.05
8/22/2017 21:10	22.07
8/22/2017 21:20	22.10
8/22/2017 21:30	22.13
8/22/2017 21:40	22.16
8/22/2017 21:50	22.18
8/22/2017 22:00	22.21
8/22/2017 22:10	22.21
8/22/2017 22:20	22.22
8/22/2017 22:30	22.23
8/22/2017 22:40	22.23
8/22/2017 22:50	22.24
8/22/2017 23:00	22.23
8/22/2017 23:10	22.22
8/22/2017 23:20	22.21
8/22/2017 23:30	22.18
8/22/2017 23:40	22.16
8/22/2017 23:50	22.13
8/23/2017 0:00	22.11
8/23/2017 0:10	22.09
8/23/2017 0:20	22.07
8/23/2017 0:30	22.03
8/23/2017 0:40	22.00
8/23/2017 0:50	21.98
8/23/2017 1:00	21.96
8/23/2017 1:10	21.93
8/23/2017 1:20	21.90

Date/Time	Temp (°C)
8/23/2017 1:30	21.88
8/23/2017 1:40	21.86
8/23/2017 1:50	21.84
8/23/2017 2:00	21.82
8/23/2017 2:10	21.80
8/23/2017 2:20	21.78
8/23/2017 2:30	21.76
8/23/2017 2:40	21.75
8/23/2017 2:50	21.73
8/23/2017 3:00	21.72
8/23/2017 3:10	21.71
8/23/2017 3:20	21.69
8/23/2017 3:30	21.67
8/23/2017 3:40	21.65
8/23/2017 3:50	21.63
8/23/2017 4:00	21.59
8/23/2017 4:10	21.55
8/23/2017 4:20	21.51
8/23/2017 4:30	21.47
8/23/2017 4:40	21.45
8/23/2017 4:50	21.42
8/23/2017 5:00	21.39
8/23/2017 5:10	21.36
8/23/2017 5:20	21.33
8/23/2017 5:30	21.29
8/23/2017 5:40	21.26
8/23/2017 5:50	21.23
8/23/2017 6:00	21.20
8/23/2017 6:10	21.18
8/23/2017 6:20	21.14
8/23/2017 6:30	21.10
8/23/2017 6:40	21.07
8/23/2017 6:50	21.03
8/23/2017 7:00	21.01
8/23/2017 7:10	20.99
8/23/2017 7:20	20.97
8/23/2017 7:30	20.95
8/23/2017 7:40	20.94
8/23/2017 7:50	20.93
8/23/2017 8:00	20.94

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/23/2017 8:10	20.96
8/23/2017 8:20	21.00
8/23/2017 8:30	21.05
8/23/2017 8:40	21.10
8/23/2017 8:50	21.15
8/23/2017 9:00	21.25
8/23/2017 9:10	21.32
8/23/2017 9:20	21.40
8/23/2017 9:30	21.50
8/23/2017 9:40	21.55
8/23/2017 9:50	21.57
8/23/2017 10:00	21.59
8/23/2017 10:10	21.60
8/23/2017 10:20	21.68
8/23/2017 10:30	21.69
8/23/2017 10:40	21.74
8/23/2017 10:50	21.78
8/23/2017 11:00	21.81
8/23/2017 11:10	21.79
8/23/2017 11:20	21.75
8/23/2017 11:30	21.66
8/23/2017 11:40	21.62
8/23/2017 11:50	21.54
8/23/2017 12:00	21.51
8/23/2017 12:10	21.57
8/23/2017 12:20	21.55
8/23/2017 12:30	21.56
8/23/2017 12:40	21.66
8/23/2017 12:50	21.66
8/23/2017 13:00	21.67
8/23/2017 13:10	21.67
8/23/2017 13:20	21.67
8/23/2017 13:30	21.68
8/23/2017 13:40	21.69
8/23/2017 13:50	21.69
8/23/2017 14:00	21.65
8/23/2017 14:10	21.70
8/23/2017 14:20	21.68
8/23/2017 14:30	21.66
8/23/2017 14:40	21.57

Date/Time	Temp (°C)
8/23/2017 14:50	21.50
8/23/2017 15:00	21.49
8/23/2017 15:10	21.43
8/23/2017 15:20	21.43
8/23/2017 15:30	21.47
8/23/2017 15:40	21.49
8/23/2017 15:50	21.46
8/23/2017 16:00	21.41
8/23/2017 16:10	21.36
8/23/2017 16:20	21.34
8/23/2017 16:30	21.29
8/23/2017 16:40	21.27
8/23/2017 16:50	21.24
8/23/2017 17:00	21.18
8/23/2017 17:10	21.18
8/23/2017 17:20	21.17
8/23/2017 17:30	21.14
8/23/2017 17:40	21.10
8/23/2017 17:50	21.04
8/23/2017 18:00	20.98
8/23/2017 18:10	20.95
8/23/2017 18:20	20.90
8/23/2017 18:30	20.86
8/23/2017 18:40	20.83
8/23/2017 18:50	20.78
8/23/2017 19:00	20.75
8/23/2017 19:10	20.71
8/23/2017 19:20	20.67
8/23/2017 19:30	20.63
8/23/2017 19:40	20.60
8/23/2017 19:50	20.56
8/23/2017 20:00	20.53
8/23/2017 20:10	20.49
8/23/2017 20:20	20.45
8/23/2017 20:30	20.41
8/23/2017 20:40	20.37
8/23/2017 20:50	20.33
8/23/2017 21:00	20.28
8/23/2017 21:10	20.24
8/23/2017 21:20	20.19

Date/Time	Temp (°C)
8/23/2017 21:30	20.15
8/23/2017 21:40	20.11
8/23/2017 21:50	20.06
8/23/2017 22:00	20.02
8/23/2017 22:10	19.97
8/23/2017 22:20	19.92
8/23/2017 22:30	19.88
8/23/2017 22:40	19.84
8/23/2017 22:50	19.80
8/23/2017 23:00	19.76
8/23/2017 23:10	19.72
8/23/2017 23:20	19.68
8/23/2017 23:30	19.64
8/23/2017 23:40	19.60
8/23/2017 23:50	19.57
8/24/2017 0:00	19.53
8/24/2017 0:10	19.50
8/24/2017 0:20	19.46
8/24/2017 0:30	19.43
8/24/2017 0:40	19.40
8/24/2017 0:50	19.36
8/24/2017 1:00	19.33
8/24/2017 1:10	19.29
8/24/2017 1:20	19.26
8/24/2017 1:30	19.22
8/24/2017 1:40	19.18
8/24/2017 1:50	19.15
8/24/2017 2:00	19.11
8/24/2017 2:10	19.07
8/24/2017 2:20	19.03
8/24/2017 2:30	19.00
8/24/2017 2:40	18.96
8/24/2017 2:50	18.93
8/24/2017 3:00	18.89
8/24/2017 3:10	18.85
8/24/2017 3:20	18.82
8/24/2017 3:30	18.79
8/24/2017 3:40	18.76
8/24/2017 3:50	18.72
8/24/2017 4:00	18.68

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/24/2017 4:10	18.66
8/24/2017 4:20	18.64
8/24/2017 4:30	18.61
8/24/2017 4:40	18.58
8/24/2017 4:50	18.55
8/24/2017 5:00	18.52
8/24/2017 5:10	18.49
8/24/2017 5:20	18.46
8/24/2017 5:30	18.43
8/24/2017 5:40	18.40
8/24/2017 5:50	18.37
8/24/2017 6:00	18.33
8/24/2017 6:10	18.29
8/24/2017 6:20	18.26
8/24/2017 6:30	18.22
8/24/2017 6:40	18.20
8/24/2017 6:50	18.16
8/24/2017 7:00	18.13
8/24/2017 7:10	18.11
8/24/2017 7:20	18.07
8/24/2017 7:30	18.04
8/24/2017 7:40	18.01
8/24/2017 7:50	17.99
8/24/2017 8:00	17.97
8/24/2017 8:10	17.94
8/24/2017 8:20	17.90
8/24/2017 8:30	17.88
8/24/2017 8:40	17.87
8/24/2017 8:50	17.87
8/24/2017 9:00	17.88
8/24/2017 9:10	17.90
8/24/2017 9:20	17.93
8/24/2017 9:30	17.96
8/24/2017 9:40	17.99
8/24/2017 9:50	18.04
8/24/2017 10:00	18.08
8/24/2017 10:10	18.14
8/24/2017 10:20	18.19
8/24/2017 10:30	18.23
8/24/2017 10:40	18.21

Date/Time	Temp (°C)
8/24/2017 10:50	18.24
8/24/2017 11:00	18.37
8/24/2017 11:10	18.42
8/24/2017 11:20	18.47
8/24/2017 11:30	18.51
8/24/2017 11:40	18.52
8/24/2017 11:50	18.59
8/24/2017 12:00	18.81
8/24/2017 12:10	18.89
8/24/2017 12:20	18.91
8/24/2017 12:30	19.03
8/24/2017 12:40	19.20
8/24/2017 12:50	19.33
8/24/2017 13:00	19.39
8/24/2017 13:10	19.34
8/24/2017 13:20	19.35
8/24/2017 13:30	19.52
8/24/2017 13:40	19.59
8/24/2017 13:50	19.70
8/24/2017 14:00	19.87
8/24/2017 14:10	20.10
8/24/2017 14:20	20.15
8/24/2017 14:30	20.12
8/24/2017 14:40	20.15
8/24/2017 14:50	20.15
8/24/2017 15:00	20.13
8/24/2017 15:10	20.13
8/24/2017 15:20	20.08
8/24/2017 15:30	20.05
8/24/2017 15:40	20.05
8/24/2017 15:50	20.01
8/24/2017 16:00	19.96
8/24/2017 16:10	19.92
8/24/2017 16:20	19.88
8/24/2017 16:30	19.91
8/24/2017 16:40	19.96
8/24/2017 16:50	19.97
8/24/2017 17:00	19.92
8/24/2017 17:10	19.84
8/24/2017 17:20	19.80

Date/Time	Temp (°C)
8/24/2017 17:30	19.78
8/24/2017 17:40	19.75
8/24/2017 17:50	19.69
8/24/2017 18:00	19.63
8/24/2017 18:10	19.59
8/24/2017 18:20	19.55
8/24/2017 18:30	19.51
8/24/2017 18:40	19.45
8/24/2017 18:50	19.39
8/24/2017 19:00	19.36
8/24/2017 19:10	19.33
8/24/2017 19:20	19.31
8/24/2017 19:30	19.29
8/24/2017 19:40	19.26
8/24/2017 19:50	19.24
8/24/2017 20:00	19.21
8/24/2017 20:10	19.17
8/24/2017 20:20	19.11
8/24/2017 20:30	19.06
8/24/2017 20:40	19.02
8/24/2017 20:50	18.98
8/24/2017 21:00	18.95
8/24/2017 21:10	18.91
8/24/2017 21:20	18.88
8/24/2017 21:30	18.84
8/24/2017 21:40	18.82
8/24/2017 21:50	18.80
8/24/2017 22:00	18.78
8/24/2017 22:10	18.76
8/24/2017 22:20	18.75
8/24/2017 22:30	18.75
8/24/2017 22:40	18.73
8/24/2017 22:50	18.72
8/24/2017 23:00	18.71
8/24/2017 23:10	18.69
8/24/2017 23:20	18.66
8/24/2017 23:30	18.65
8/24/2017 23:40	18.63
8/24/2017 23:50	18.60
8/25/2017 0:00	18.57

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/25/2017 0:10	18.55
8/25/2017 0:20	18.52
8/25/2017 0:30	18.51
8/25/2017 0:40	18.50
8/25/2017 0:50	18.49
8/25/2017 1:00	18.48
8/25/2017 1:10	18.47
8/25/2017 1:20	18.46
8/25/2017 1:30	18.45
8/25/2017 1:40	18.43
8/25/2017 1:50	18.41
8/25/2017 2:00	18.40
8/25/2017 2:10	18.40
8/25/2017 2:20	18.40
8/25/2017 2:30	18.40
8/25/2017 2:40	18.39
8/25/2017 2:50	18.37
8/25/2017 3:00	18.36
8/25/2017 3:10	18.35
8/25/2017 3:20	18.33
8/25/2017 3:30	18.31
8/25/2017 3:40	18.30
8/25/2017 3:50	18.28
8/25/2017 4:00	18.27
8/25/2017 4:10	18.25
8/25/2017 4:20	18.23
8/25/2017 4:30	18.22
8/25/2017 4:40	18.21
8/25/2017 4:50	18.19
8/25/2017 5:00	18.18
8/25/2017 5:10	18.15
8/25/2017 5:20	18.13
8/25/2017 5:30	18.11
8/25/2017 5:40	18.09
8/25/2017 5:50	18.06
8/25/2017 6:00	18.05
8/25/2017 6:10	18.03
8/25/2017 6:20	18.01
8/25/2017 6:30	17.99
8/25/2017 6:40	17.98

Date/Time	Temp (°C)
8/25/2017 6:50	17.96
8/25/2017 7:00	17.95
8/25/2017 7:10	17.93
8/25/2017 7:20	17.91
8/25/2017 7:30	17.90
8/25/2017 7:40	17.88
8/25/2017 7:50	17.87
8/25/2017 8:00	17.85
8/25/2017 8:10	17.82
8/25/2017 8:20	17.80
8/25/2017 8:30	17.79
8/25/2017 8:40	17.80
8/25/2017 8:50	17.81
8/25/2017 9:00	17.82
8/25/2017 9:10	17.85
8/25/2017 9:20	17.88
8/25/2017 9:30	17.91
8/25/2017 9:40	17.94
8/25/2017 9:50	17.97
8/25/2017 10:00	18.02
8/25/2017 10:10	18.07
8/25/2017 10:20	18.12
8/25/2017 10:30	18.20
8/25/2017 10:40	18.27
8/25/2017 10:50	18.32
8/25/2017 11:00	18.33
8/25/2017 11:10	18.44
8/25/2017 11:20	18.42
8/25/2017 11:30	18.37
8/25/2017 11:40	18.51
8/25/2017 11:50	18.68
8/25/2017 12:00	18.79
8/25/2017 12:10	18.85
8/25/2017 12:20	19.03
8/25/2017 12:30	19.15
8/25/2017 12:40	19.19
8/25/2017 12:50	19.20
8/25/2017 13:00	19.17
8/25/2017 13:10	18.89
8/25/2017 13:20	18.20

Date/Time	Temp (°C)
8/25/2017 13:30	18.92
8/25/2017 13:40	19.33
8/25/2017 13:50	19.68
8/25/2017 14:00	19.85
8/25/2017 14:10	20.07
8/25/2017 14:20	20.22
8/25/2017 14:30	20.27
8/25/2017 14:40	20.33
8/25/2017 14:50	20.34
8/25/2017 15:00	20.41
8/25/2017 15:10	20.41
8/25/2017 15:20	20.45
8/25/2017 15:30	20.54
8/25/2017 15:40	20.53
8/25/2017 15:50	20.68
8/25/2017 16:00	20.76
8/25/2017 16:10	20.76
8/25/2017 16:20	20.64
8/25/2017 16:30	20.63
8/25/2017 16:40	20.61
8/25/2017 16:50	20.72
8/25/2017 17:00	20.73
8/25/2017 17:10	20.93
8/25/2017 17:20	21.06
8/25/2017 17:30	21.12
8/25/2017 17:40	21.09
8/25/2017 17:50	21.05
8/25/2017 18:00	21.00
8/25/2017 18:10	20.89
8/25/2017 18:20	20.76
8/25/2017 18:30	20.62
8/25/2017 18:40	20.49
8/25/2017 18:50	20.32
8/25/2017 19:00	20.16
8/25/2017 19:10	20.03
8/25/2017 19:20	19.93
8/25/2017 19:30	19.81
8/25/2017 19:40	19.70
8/25/2017 19:50	19.59
8/25/2017 20:00	19.49

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/25/2017 20:10	19.42
8/25/2017 20:20	19.35
8/25/2017 20:30	19.27
8/25/2017 20:40	19.20
8/25/2017 20:50	19.13
8/25/2017 21:00	19.06
8/25/2017 21:10	19.00
8/25/2017 21:20	18.95
8/25/2017 21:30	18.89
8/25/2017 21:40	18.82
8/25/2017 21:50	18.77
8/25/2017 22:00	18.71
8/25/2017 22:10	18.64
8/25/2017 22:20	18.58
8/25/2017 22:30	18.53
8/25/2017 22:40	18.48
8/25/2017 22:50	18.43
8/25/2017 23:00	18.38
8/25/2017 23:10	18.34
8/25/2017 23:20	18.31
8/25/2017 23:30	18.27
8/25/2017 23:40	18.23
8/25/2017 23:50	18.21
8/26/2017 0:00	18.18
8/26/2017 0:10	18.15
8/26/2017 0:20	18.13
8/26/2017 0:30	18.11
8/26/2017 0:40	18.08
8/26/2017 0:50	18.06
8/26/2017 1:00	18.03
8/26/2017 1:10	18.01
8/26/2017 1:20	17.98
8/26/2017 1:30	17.95
8/26/2017 1:40	17.91
8/26/2017 1:50	17.88
8/26/2017 2:00	17.86
8/26/2017 2:10	17.82
8/26/2017 2:20	17.79
8/26/2017 2:30	17.77
8/26/2017 2:40	17.74

Date/Time	Temp (°C)
8/26/2017 2:50	17.72
8/26/2017 3:00	17.69
8/26/2017 3:10	17.66
8/26/2017 3:20	17.63
8/26/2017 3:30	17.60
8/26/2017 3:40	17.57
8/26/2017 3:50	17.53
8/26/2017 4:00	17.49
8/26/2017 4:10	17.46
8/26/2017 4:20	17.43
8/26/2017 4:30	17.41
8/26/2017 4:40	17.37
8/26/2017 4:50	17.33
8/26/2017 5:00	17.30
8/26/2017 5:10	17.27
8/26/2017 5:20	17.25
8/26/2017 5:30	17.22
8/26/2017 5:40	17.19
8/26/2017 5:50	17.17
8/26/2017 6:00	17.15
8/26/2017 6:10	17.13
8/26/2017 6:20	17.10
8/26/2017 6:30	17.08
8/26/2017 6:40	17.06
8/26/2017 6:50	17.04
8/26/2017 7:00	17.02
8/26/2017 7:10	17.01
8/26/2017 7:20	16.99
8/26/2017 7:30	16.97
8/26/2017 7:40	16.96
8/26/2017 7:50	16.95
8/26/2017 8:00	16.96
8/26/2017 8:10	16.97
8/26/2017 8:20	16.99
8/26/2017 8:30	16.99
8/26/2017 8:40	17.00
8/26/2017 8:50	17.02
8/26/2017 9:00	17.05
8/26/2017 9:10	17.07
8/26/2017 9:20	17.13

Date/Time	Temp (°C)
8/26/2017 9:30	17.20
8/26/2017 9:40	17.26
8/26/2017 9:50	17.29
8/26/2017 10:00	17.31
8/26/2017 10:10	17.31
8/26/2017 10:20	17.37
8/26/2017 10:30	17.43
8/26/2017 10:40	17.48
8/26/2017 10:50	17.57
8/26/2017 11:00	17.63
8/26/2017 11:10	17.78
8/26/2017 11:20	17.96
8/26/2017 11:30	18.14
8/26/2017 11:40	18.28
8/26/2017 11:50	18.40
8/26/2017 12:00	18.49
8/26/2017 12:10	18.56
8/26/2017 12:20	18.62
8/26/2017 12:30	18.69
8/26/2017 12:40	18.80
8/26/2017 12:50	18.68
8/26/2017 13:00	18.69
8/26/2017 13:10	18.55
8/26/2017 13:20	17.88
8/26/2017 13:30	18.39
8/26/2017 13:40	19.08
8/26/2017 13:50	19.40
8/26/2017 14:00	19.58
8/26/2017 14:10	19.78
8/26/2017 14:20	20.01
8/26/2017 14:30	20.07
8/26/2017 14:40	20.13
8/26/2017 14:50	20.22
8/26/2017 15:00	20.27
8/26/2017 15:10	20.30
8/26/2017 15:20	20.30
8/26/2017 15:30	20.35
8/26/2017 15:40	20.53
8/26/2017 15:50	20.53
8/26/2017 16:00	20.56

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/26/2017 16:10	20.61
8/26/2017 16:20	20.67
8/26/2017 16:30	20.69
8/26/2017 16:40	20.73
8/26/2017 16:50	20.76
8/26/2017 17:00	20.81
8/26/2017 17:10	20.88
8/26/2017 17:20	20.86
8/26/2017 17:30	20.93
8/26/2017 17:40	20.88
8/26/2017 17:50	20.87
8/26/2017 18:00	20.90
8/26/2017 18:10	20.92
8/26/2017 18:20	20.90
8/26/2017 18:30	20.83
8/26/2017 18:40	20.67
8/26/2017 18:50	20.54
8/26/2017 19:00	20.45
8/26/2017 19:10	20.38
8/26/2017 19:20	20.33
8/26/2017 19:30	20.25
8/26/2017 19:40	20.17
8/26/2017 19:50	20.08
8/26/2017 20:00	20.00
8/26/2017 20:10	19.92
8/26/2017 20:20	19.84
8/26/2017 20:30	19.77
8/26/2017 20:40	19.70
8/26/2017 20:50	19.64
8/26/2017 21:00	19.57
8/26/2017 21:10	19.49
8/26/2017 21:20	19.42
8/26/2017 21:30	19.35
8/26/2017 21:40	19.27
8/26/2017 21:50	19.19
8/26/2017 22:00	19.11
8/26/2017 22:10	19.04
8/26/2017 22:20	18.96
8/26/2017 22:30	18.88
8/26/2017 22:40	18.82

Date/Time	Temp (°C)
8/26/2017 22:50	18.75
8/26/2017 23:00	18.68
8/26/2017 23:10	18.62
8/26/2017 23:20	18.56
8/26/2017 23:30	18.51
8/26/2017 23:40	18.45
8/26/2017 23:50	18.40
8/27/2017 0:00	18.36
8/27/2017 0:10	18.31
8/27/2017 0:20	18.27
8/27/2017 0:30	18.22
8/27/2017 0:40	18.17
8/27/2017 0:50	18.13
8/27/2017 1:00	18.09
8/27/2017 1:10	18.05
8/27/2017 1:20	18.00
8/27/2017 1:30	17.95
8/27/2017 1:40	17.92
8/27/2017 1:50	17.88
8/27/2017 2:00	17.84
8/27/2017 2:10	17.80
8/27/2017 2:20	17.77
8/27/2017 2:30	17.72
8/27/2017 2:40	17.68
8/27/2017 2:50	17.64
8/27/2017 3:00	17.61
8/27/2017 3:10	17.57
8/27/2017 3:20	17.52
8/27/2017 3:30	17.49
8/27/2017 3:40	17.46
8/27/2017 3:50	17.43
8/27/2017 4:00	17.39
8/27/2017 4:10	17.36
8/27/2017 4:20	17.33
8/27/2017 4:30	17.31
8/27/2017 4:40	17.28
8/27/2017 4:50	17.26
8/27/2017 5:00	17.24
8/27/2017 5:10	17.21
8/27/2017 5:20	17.19

Date/Time	Temp (°C)
8/27/2017 5:30	17.17
8/27/2017 5:40	17.14
8/27/2017 5:50	17.12
8/27/2017 6:00	17.09
8/27/2017 6:10	17.07
8/27/2017 6:20	17.04
8/27/2017 6:30	17.01
8/27/2017 6:40	16.99
8/27/2017 6:50	16.97
8/27/2017 7:00	16.96
8/27/2017 7:10	16.94
8/27/2017 7:20	16.94
8/27/2017 7:30	16.94
8/27/2017 7:40	16.93
8/27/2017 7:50	16.94
8/27/2017 8:00	16.95
8/27/2017 8:10	16.96
8/27/2017 8:20	16.97
8/27/2017 8:30	16.98
8/27/2017 8:40	17.01
8/27/2017 8:50	17.03
8/27/2017 9:00	17.06
8/27/2017 9:10	17.10
8/27/2017 9:20	17.14
8/27/2017 9:30	17.16
8/27/2017 9:40	17.20
8/27/2017 9:50	17.31
8/27/2017 10:00	17.42
8/27/2017 10:10	17.54
8/27/2017 10:20	17.57
8/27/2017 10:30	17.67
8/27/2017 10:40	17.76
8/27/2017 10:50	17.89
8/27/2017 11:00	18.02
8/27/2017 11:10	18.15
8/27/2017 11:20	18.28
8/27/2017 11:30	18.42
8/27/2017 11:40	18.58
8/27/2017 11:50	18.69
8/27/2017 12:00	18.77

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/27/2017 12:10	18.89
8/27/2017 12:20	19.07
8/27/2017 12:30	19.17
8/27/2017 12:40	19.25
8/27/2017 12:50	19.32
8/27/2017 13:00	19.40
8/27/2017 13:10	19.51
8/27/2017 13:20	19.69
8/27/2017 13:30	19.90
8/27/2017 13:40	20.06
8/27/2017 13:50	20.15
8/27/2017 14:00	20.26
8/27/2017 14:10	20.41
8/27/2017 14:20	20.55
8/27/2017 14:30	20.65
8/27/2017 14:40	20.88
8/27/2017 14:50	21.00
8/27/2017 15:00	21.02
8/27/2017 15:10	21.12
8/27/2017 15:20	21.26
8/27/2017 15:30	21.38
8/27/2017 15:40	21.46
8/27/2017 15:50	21.51
8/27/2017 16:00	21.53
8/27/2017 16:10	21.61
8/27/2017 16:20	21.71
8/27/2017 16:30	21.76
8/27/2017 16:40	21.78
8/27/2017 16:50	21.79
8/27/2017 17:00	21.81
8/27/2017 17:10	21.79
8/27/2017 17:20	21.80
8/27/2017 17:30	21.79
8/27/2017 17:40	21.74
8/27/2017 17:50	21.68
8/27/2017 18:00	21.62
8/27/2017 18:10	21.54
8/27/2017 18:20	21.47
8/27/2017 18:30	21.35
8/27/2017 18:40	21.21

Date/Time	Temp (°C)
8/27/2017 18:50	21.07
8/27/2017 19:00	20.93
8/27/2017 19:10	20.80
8/27/2017 19:20	20.67
8/27/2017 19:30	20.53
8/27/2017 19:40	20.39
8/27/2017 19:50	20.28
8/27/2017 20:00	20.18
8/27/2017 20:10	20.09
8/27/2017 20:20	20.01
8/27/2017 20:30	19.92
8/27/2017 20:40	19.81
8/27/2017 20:50	19.72
8/27/2017 21:00	19.62
8/27/2017 21:10	19.54
8/27/2017 21:20	19.46
8/27/2017 21:30	19.36
8/27/2017 21:40	19.28
8/27/2017 21:50	19.20
8/27/2017 22:00	19.10
8/27/2017 22:10	19.03
8/27/2017 22:20	18.94
8/27/2017 22:30	18.87
8/27/2017 22:40	18.80
8/27/2017 22:50	18.72
8/27/2017 23:00	18.65
8/27/2017 23:10	18.59
8/27/2017 23:20	18.51
8/27/2017 23:30	18.45
8/27/2017 23:40	18.39
8/27/2017 23:50	18.32
8/28/2017 0:00	18.27
8/28/2017 0:10	18.22
8/28/2017 0:20	18.17
8/28/2017 0:30	18.12
8/28/2017 0:40	18.08
8/28/2017 0:50	18.02
8/28/2017 1:00	17.97
8/28/2017 1:10	17.91
8/28/2017 1:20	17.88

Date/Time	Temp (°C)
8/28/2017 1:30	17.84
8/28/2017 1:40	17.79
8/28/2017 1:50	17.75
8/28/2017 2:00	17.71
8/28/2017 2:10	17.67
8/28/2017 2:20	17.63
8/28/2017 2:30	17.60
8/28/2017 2:40	17.58
8/28/2017 2:50	17.54
8/28/2017 3:00	17.50
8/28/2017 3:10	17.46
8/28/2017 3:20	17.43
8/28/2017 3:30	17.39
8/28/2017 3:40	17.36
8/28/2017 3:50	17.32
8/28/2017 4:00	17.29
8/28/2017 4:10	17.26
8/28/2017 4:20	17.23
8/28/2017 4:30	17.20
8/28/2017 4:40	17.17
8/28/2017 4:50	17.13
8/28/2017 5:00	17.09
8/28/2017 5:10	17.08
8/28/2017 5:20	17.04
8/28/2017 5:30	17.01
8/28/2017 5:40	16.99
8/28/2017 5:50	16.97
8/28/2017 6:00	16.94
8/28/2017 6:10	16.92
8/28/2017 6:20	16.89
8/28/2017 6:30	16.86
8/28/2017 6:40	16.83
8/28/2017 6:50	16.80
8/28/2017 7:00	16.78
8/28/2017 7:10	16.75
8/28/2017 7:20	16.72
8/28/2017 7:30	16.71
8/28/2017 7:40	16.69
8/28/2017 7:50	16.68
8/28/2017 8:00	16.66

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/28/2017 8:10	16.66
8/28/2017 8:20	16.68
8/28/2017 8:30	16.68
8/28/2017 8:40	16.69
8/28/2017 8:50	16.71
8/28/2017 9:00	16.75
8/28/2017 9:10	16.77
8/28/2017 9:20	16.83
8/28/2017 9:30	16.89
8/28/2017 9:40	16.97
8/28/2017 9:50	17.00
8/28/2017 10:00	17.05
8/28/2017 10:10	17.07
8/28/2017 10:20	17.10
8/28/2017 10:30	17.14
8/28/2017 10:40	17.23
8/28/2017 10:50	17.34
8/28/2017 11:00	17.45
8/28/2017 11:10	17.56
8/28/2017 11:20	17.69
8/28/2017 11:30	17.84
8/28/2017 11:40	17.95
8/28/2017 11:50	18.03
8/28/2017 12:00	18.16
8/28/2017 12:10	18.32
8/28/2017 12:20	18.45
8/28/2017 12:30	18.63
8/28/2017 12:40	18.71
8/28/2017 12:50	18.71
8/28/2017 13:00	18.83
8/28/2017 13:10	18.70
8/28/2017 13:20	18.15
8/28/2017 13:30	18.18
8/28/2017 13:40	19.08
8/28/2017 13:50	19.68
8/28/2017 14:00	20.14
8/28/2017 14:10	20.47
8/28/2017 14:20	20.65
8/28/2017 14:30	20.78
8/28/2017 14:40	20.97

Date/Time	Temp (°C)
8/28/2017 14:50	21.11
8/28/2017 15:00	21.19
8/28/2017 15:10	21.32
8/28/2017 15:20	21.40
8/28/2017 15:30	21.45
8/28/2017 15:40	21.48
8/28/2017 15:50	21.51
8/28/2017 16:00	21.51
8/28/2017 16:10	21.53
8/28/2017 16:20	21.55
8/28/2017 16:30	21.53
8/28/2017 16:40	21.53
8/28/2017 16:50	21.56
8/28/2017 17:00	21.57
8/28/2017 17:10	21.56
8/28/2017 17:20	21.53
8/28/2017 17:30	21.51
8/28/2017 17:40	21.48
8/28/2017 17:50	21.45
8/28/2017 18:00	21.41
8/28/2017 18:10	21.35
8/28/2017 18:20	21.28
8/28/2017 18:30	21.22
8/28/2017 18:40	21.15
8/28/2017 18:50	21.08
8/28/2017 19:00	20.99
8/28/2017 19:10	20.89
8/28/2017 19:20	20.80
8/28/2017 19:30	20.70
8/28/2017 19:40	20.59
8/28/2017 19:50	20.47
8/28/2017 20:00	20.37
8/28/2017 20:10	20.26
8/28/2017 20:20	20.17
8/28/2017 20:30	20.06
8/28/2017 20:40	19.96
8/28/2017 20:50	19.87
8/28/2017 21:00	19.77
8/28/2017 21:10	19.68
8/28/2017 21:20	19.60

Date/Time	Temp (°C)
8/28/2017 21:30	19.52
8/28/2017 21:40	19.43
8/28/2017 21:50	19.38
8/28/2017 22:00	19.29
8/28/2017 22:10	19.21
8/28/2017 22:20	19.15
8/28/2017 22:30	19.09
8/28/2017 22:40	19.02
8/28/2017 22:50	18.96
8/28/2017 23:00	18.89
8/28/2017 23:10	18.86
8/28/2017 23:20	18.79
8/28/2017 23:30	18.74
8/28/2017 23:40	18.69
8/28/2017 23:50	18.64
8/29/2017 0:00	18.59
8/29/2017 0:10	18.55
8/29/2017 0:20	18.51
8/29/2017 0:30	18.46
8/29/2017 0:40	18.43
8/29/2017 0:50	18.39
8/29/2017 1:00	18.36
8/29/2017 1:10	18.33
8/29/2017 1:20	18.30
8/29/2017 1:30	18.27
8/29/2017 1:40	18.24
8/29/2017 1:50	18.21
8/29/2017 2:00	18.17
8/29/2017 2:10	18.13
8/29/2017 2:20	18.10
8/29/2017 2:30	18.07
8/29/2017 2:40	18.04
8/29/2017 2:50	17.99
8/29/2017 3:00	17.95
8/29/2017 3:10	17.92
8/29/2017 3:20	17.89
8/29/2017 3:30	17.85
8/29/2017 3:40	17.82
8/29/2017 3:50	17.78
8/29/2017 4:00	17.75

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/29/2017 4:10	17.72
8/29/2017 4:20	17.68
8/29/2017 4:30	17.64
8/29/2017 4:40	17.61
8/29/2017 4:50	17.58
8/29/2017 5:00	17.56
8/29/2017 5:10	17.52
8/29/2017 5:20	17.50
8/29/2017 5:30	17.48
8/29/2017 5:40	17.45
8/29/2017 5:50	17.42
8/29/2017 6:00	17.38
8/29/2017 6:10	17.35
8/29/2017 6:20	17.31
8/29/2017 6:30	17.29
8/29/2017 6:40	17.26
8/29/2017 6:50	17.23
8/29/2017 7:00	17.21
8/29/2017 7:10	17.19
8/29/2017 7:20	17.17
8/29/2017 7:30	17.15
8/29/2017 7:40	17.14
8/29/2017 7:50	17.13
8/29/2017 8:00	17.13
8/29/2017 8:10	17.13
8/29/2017 8:20	17.12
8/29/2017 8:30	17.12
8/29/2017 8:40	17.13
8/29/2017 8:50	17.12
8/29/2017 9:00	17.11
8/29/2017 9:10	17.13
8/29/2017 9:20	17.14
8/29/2017 9:30	17.16
8/29/2017 9:40	17.18
8/29/2017 9:50	17.21
8/29/2017 10:00	17.26
8/29/2017 10:10	17.31
8/29/2017 10:20	17.36
8/29/2017 10:30	17.41
8/29/2017 10:40	17.46

Date/Time	Temp (°C)
8/29/2017 10:50	17.50
8/29/2017 11:00	17.57
8/29/2017 11:10	17.64
8/29/2017 11:20	17.75
8/29/2017 11:30	17.86
8/29/2017 11:40	17.98
8/29/2017 11:50	18.13
8/29/2017 12:00	18.16
8/29/2017 12:10	18.23
8/29/2017 12:20	18.30
8/29/2017 12:30	18.41
8/29/2017 12:40	18.48
8/29/2017 12:50	18.54
8/29/2017 13:00	18.62
8/29/2017 13:10	18.68
8/29/2017 13:20	18.77
8/29/2017 13:30	18.82
8/29/2017 13:40	18.88
8/29/2017 13:50	18.96
8/29/2017 14:00	19.05
8/29/2017 14:10	19.11
8/29/2017 14:20	19.24
8/29/2017 14:30	19.26
8/29/2017 14:40	19.29
8/29/2017 14:50	19.28
8/29/2017 15:00	19.30
8/29/2017 15:10	19.36
8/29/2017 15:20	19.38
8/29/2017 15:30	19.42
8/29/2017 15:40	19.46
8/29/2017 15:50	19.48
8/29/2017 16:00	19.48
8/29/2017 16:10	19.48
8/29/2017 16:20	19.46
8/29/2017 16:30	19.48
8/29/2017 16:40	19.47
8/29/2017 16:50	19.44
8/29/2017 17:00	19.42
8/29/2017 17:10	19.39
8/29/2017 17:20	19.35

Date/Time	Temp (°C)
8/29/2017 17:30	19.30
8/29/2017 17:40	19.27
8/29/2017 17:50	19.25
8/29/2017 18:00	19.22
8/29/2017 18:10	19.17
8/29/2017 18:20	19.12
8/29/2017 18:30	19.07
8/29/2017 18:40	19.01
8/29/2017 18:50	18.97
8/29/2017 19:00	18.93
8/29/2017 19:10	18.87
8/29/2017 19:20	18.81
8/29/2017 19:30	18.76
8/29/2017 19:40	18.71
8/29/2017 19:50	18.67
8/29/2017 20:00	18.62
8/29/2017 20:10	18.57
8/29/2017 20:20	18.53
8/29/2017 20:30	18.49
8/29/2017 20:40	18.44
8/29/2017 20:50	18.40
8/29/2017 21:00	18.36
8/29/2017 21:10	18.30
8/29/2017 21:20	18.25
8/29/2017 21:30	18.21
8/29/2017 21:40	18.17
8/29/2017 21:50	18.13
8/29/2017 22:00	18.09
8/29/2017 22:10	18.05
8/29/2017 22:20	18.01
8/29/2017 22:30	17.97
8/29/2017 22:40	17.93
8/29/2017 22:50	17.90
8/29/2017 23:00	17.87
8/29/2017 23:10	17.84
8/29/2017 23:20	17.81
8/29/2017 23:30	17.78
8/29/2017 23:40	17.75
8/29/2017 23:50	17.71
8/30/2017 0:00	17.67

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/30/2017 0:10	17.62
8/30/2017 0:20	17.59
8/30/2017 0:30	17.56
8/30/2017 0:40	17.54
8/30/2017 0:50	17.50
8/30/2017 1:00	17.47
8/30/2017 1:10	17.45
8/30/2017 1:20	17.42
8/30/2017 1:30	17.40
8/30/2017 1:40	17.36
8/30/2017 1:50	17.33
8/30/2017 2:00	17.31
8/30/2017 2:10	17.30
8/30/2017 2:20	17.28
8/30/2017 2:30	17.26
8/30/2017 2:40	17.24
8/30/2017 2:50	17.21
8/30/2017 3:00	17.20
8/30/2017 3:10	17.17
8/30/2017 3:20	17.15
8/30/2017 3:30	17.12
8/30/2017 3:40	17.09
8/30/2017 3:50	17.06
8/30/2017 4:00	17.04
8/30/2017 4:10	17.02
8/30/2017 4:20	16.99
8/30/2017 4:30	16.97
8/30/2017 4:40	16.94
8/30/2017 4:50	16.91
8/30/2017 5:00	16.89
8/30/2017 5:10	16.87
8/30/2017 5:20	16.86
8/30/2017 5:30	16.84
8/30/2017 5:40	16.82
8/30/2017 5:50	16.81
8/30/2017 6:00	16.79
8/30/2017 6:10	16.77
8/30/2017 6:20	16.75
8/30/2017 6:30	16.73
8/30/2017 6:40	16.70

Date/Time	Temp (°C)
8/30/2017 6:50	16.67
8/30/2017 7:00	16.65
8/30/2017 7:10	16.63
8/30/2017 7:20	16.61
8/30/2017 7:30	16.60
8/30/2017 7:40	16.58
8/30/2017 7:50	16.59
8/30/2017 8:00	16.60
8/30/2017 8:10	16.62
8/30/2017 8:20	16.65
8/30/2017 8:30	16.66
8/30/2017 8:40	16.68
8/30/2017 8:50	16.74
8/30/2017 9:00	16.81
8/30/2017 9:10	16.88
8/30/2017 9:20	16.97
8/30/2017 9:30	17.04
8/30/2017 9:40	17.11
8/30/2017 9:50	17.25
8/30/2017 10:00	17.28
8/30/2017 10:10	17.32
8/30/2017 10:20	17.37
8/30/2017 10:30	17.42
8/30/2017 10:40	17.52
8/30/2017 10:50	17.58
8/30/2017 11:00	17.62
8/30/2017 11:10	17.67
8/30/2017 11:20	17.72
8/30/2017 11:30	17.83
8/30/2017 11:40	17.92
8/30/2017 11:50	18.06
8/30/2017 12:00	18.22
8/30/2017 12:10	18.31
8/30/2017 12:20	18.51
8/30/2017 12:30	18.76
8/30/2017 12:40	18.91
8/30/2017 12:50	19.10
8/30/2017 13:00	19.30
8/30/2017 13:10	19.50
8/30/2017 13:20	19.72

Date/Time	Temp (°C)
8/30/2017 13:30	19.80
8/30/2017 13:40	20.03
8/30/2017 13:50	20.12
8/30/2017 14:00	20.28
8/30/2017 14:10	20.41
8/30/2017 14:20	20.46
8/30/2017 14:30	20.69
8/30/2017 14:40	20.89
8/30/2017 14:50	21.02
8/30/2017 15:00	21.07
8/30/2017 15:10	21.15
8/30/2017 15:20	21.21
8/30/2017 15:30	21.32
8/30/2017 15:40	21.36
8/30/2017 15:50	21.37
8/30/2017 16:00	21.43
8/30/2017 16:10	21.51
8/30/2017 16:20	21.49
8/30/2017 16:30	21.54
8/30/2017 16:40	21.63
8/30/2017 16:50	21.57
8/30/2017 17:00	21.55
8/30/2017 17:10	21.61
8/30/2017 17:20	21.59
8/30/2017 17:30	21.54
8/30/2017 17:40	21.52
8/30/2017 17:50	21.48
8/30/2017 18:00	21.42
8/30/2017 18:10	21.37
8/30/2017 18:20	21.31
8/30/2017 18:30	21.24
8/30/2017 18:40	21.17
8/30/2017 18:50	21.11
8/30/2017 19:00	21.05
8/30/2017 19:10	20.98
8/30/2017 19:20	20.91
8/30/2017 19:30	20.82
8/30/2017 19:40	20.73
8/30/2017 19:50	20.65
8/30/2017 20:00	20.56

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/30/2017 20:10	20.47
8/30/2017 20:20	20.37
8/30/2017 20:30	20.27
8/30/2017 20:40	20.19
8/30/2017 20:50	20.09
8/30/2017 21:00	20.00
8/30/2017 21:10	19.91
8/30/2017 21:20	19.82
8/30/2017 21:30	19.73
8/30/2017 21:40	19.65
8/30/2017 21:50	19.56
8/30/2017 22:00	19.48
8/30/2017 22:10	19.40
8/30/2017 22:20	19.32
8/30/2017 22:30	19.24
8/30/2017 22:40	19.17
8/30/2017 22:50	19.09
8/30/2017 23:00	19.01
8/30/2017 23:10	18.94
8/30/2017 23:20	18.87
8/30/2017 23:30	18.80
8/30/2017 23:40	18.73
8/30/2017 23:50	18.66
8/31/2017 0:00	18.59
8/31/2017 0:10	18.52
8/31/2017 0:20	18.46
8/31/2017 0:30	18.40
8/31/2017 0:40	18.34
8/31/2017 0:50	18.29
8/31/2017 1:00	18.23
8/31/2017 1:10	18.18
8/31/2017 1:20	18.12
8/31/2017 1:30	18.07
8/31/2017 1:40	18.02
8/31/2017 1:50	17.97
8/31/2017 2:00	17.91
8/31/2017 2:10	17.87
8/31/2017 2:20	17.82
8/31/2017 2:30	17.78
8/31/2017 2:40	17.73

Date/Time	Temp (°C)
8/31/2017 2:50	17.68
8/31/2017 3:00	17.64
8/31/2017 3:10	17.59
8/31/2017 3:20	17.55
8/31/2017 3:30	17.51
8/31/2017 3:40	17.47
8/31/2017 3:50	17.43
8/31/2017 4:00	17.39
8/31/2017 4:10	17.36
8/31/2017 4:20	17.32
8/31/2017 4:30	17.29
8/31/2017 4:40	17.26
8/31/2017 4:50	17.23
8/31/2017 5:00	17.20
8/31/2017 5:10	17.18
8/31/2017 5:20	17.17
8/31/2017 5:30	17.15
8/31/2017 5:40	17.14
8/31/2017 5:50	17.12
8/31/2017 6:00	17.11
8/31/2017 6:10	17.09
8/31/2017 6:20	17.07
8/31/2017 6:30	17.06
8/31/2017 6:40	17.05
8/31/2017 6:50	17.04
8/31/2017 7:00	17.03
8/31/2017 7:10	17.03
8/31/2017 7:20	17.03
8/31/2017 7:30	17.02
8/31/2017 7:40	17.02
8/31/2017 7:50	17.02
8/31/2017 8:00	17.03
8/31/2017 8:10	17.05
8/31/2017 8:20	17.08
8/31/2017 8:30	17.11
8/31/2017 8:40	17.13
8/31/2017 8:50	17.17
8/31/2017 9:00	17.23
8/31/2017 9:10	17.28
8/31/2017 9:20	17.37

Date/Time	Temp (°C)
8/31/2017 9:30	17.41
8/31/2017 9:40	17.51
8/31/2017 9:50	17.60
8/31/2017 10:00	17.67
8/31/2017 10:10	17.78
8/31/2017 10:20	17.88
8/31/2017 10:30	17.99
8/31/2017 10:40	18.09
8/31/2017 10:50	18.19
8/31/2017 11:00	18.31
8/31/2017 11:10	18.43
8/31/2017 11:20	18.56
8/31/2017 11:30	18.69
8/31/2017 11:40	18.81
8/31/2017 11:50	18.91
8/31/2017 12:00	19.03
8/31/2017 12:10	19.24
8/31/2017 12:20	19.33
8/31/2017 12:30	19.44
8/31/2017 12:40	19.58
8/31/2017 12:50	19.65
8/31/2017 13:00	19.79
8/31/2017 13:10	19.97
8/31/2017 13:20	20.07
8/31/2017 13:30	20.16
8/31/2017 13:40	20.28
8/31/2017 13:50	20.30
8/31/2017 14:00	20.36
8/31/2017 14:10	20.47
8/31/2017 14:20	20.54
8/31/2017 14:30	20.68
8/31/2017 14:40	21.06
8/31/2017 14:50	21.15
8/31/2017 15:00	21.49
8/31/2017 15:10	21.57
8/31/2017 15:20	21.75
8/31/2017 15:30	21.87
8/31/2017 15:40	22.04
8/31/2017 15:50	22.18
8/31/2017 16:00	22.16

2017 Temperature Data Collected from the Youghiogheny River at the Sang Run Bridge

Date/Time	Temp (°C)
8/31/2017 16:10	22.22
8/31/2017 16:20	22.26
8/31/2017 16:30	22.28
8/31/2017 16:40	22.33
8/31/2017 16:50	22.39
8/31/2017 17:00	22.43
8/31/2017 17:10	22.44
8/31/2017 17:20	22.44
8/31/2017 17:30	22.52
8/31/2017 17:40	22.47
8/31/2017 17:50	22.43
8/31/2017 18:00	22.52
8/31/2017 18:10	22.42
8/31/2017 18:20	22.38
8/31/2017 18:30	22.35
8/31/2017 18:40	22.27
8/31/2017 18:50	22.20
8/31/2017 19:00	22.13
8/31/2017 19:10	22.07
8/31/2017 19:20	21.97
8/31/2017 19:30	21.88
8/31/2017 19:40	21.78
8/31/2017 19:50	21.67
8/31/2017 20:00	21.57
8/31/2017 20:10	21.47
8/31/2017 20:20	21.37
8/31/2017 20:30	21.30
8/31/2017 20:40	21.21
8/31/2017 20:50	21.13
8/31/2017 21:00	21.04
8/31/2017 21:10	20.95
8/31/2017 21:20	20.86
8/31/2017 21:30	20.77
8/31/2017 21:40	20.69
8/31/2017 21:50	20.60
8/31/2017 22:00	20.53
8/31/2017 22:10	20.45
8/31/2017 22:20	20.38
8/31/2017 22:30	20.29
8/31/2017 22:40	20.21

Date/Time	Temp (°C)
8/31/2017 22:50	20.11
8/31/2017 23:00	20.02
8/31/2017 23:10	19.95
8/31/2017 23:20	19.87
8/31/2017 23:30	19.78
8/31/2017 23:40	19.71
8/31/2017 23:50	19.64

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN


308 = CFS River Flow at Oakland

June 1, 2017

Simulate a Run

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	20.86 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	1.00	Cloud Cover Factor, Elkins WV	SUNNY	Cloud Cover, Elkins WV
T7	15.50	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	308.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

229 = CFS River Flow at Oakland

June 2, 2017

[Print Info for file](#)

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	6.67	Air Temp, Elkins WV - Degree C	44	Air Temp, Elkins WV - Degree F
CCF	1.00	Cloud Cover Factor, Elkins WV	SUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	229.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

180 = CFS River Flow at Oakland

June 3, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	26.3 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	1.00	Cloud Cover Factor, Elkins WV	SUNNY	Cloud Cover, Elkins WV
T7	14.80	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	180.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN


Simulate a Ra

153 = CFS River Flow at Oakland

June 4, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.25 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	15.30	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	153.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

130 = CFS River Flow at Oakland

June 5, 2017

Simulate a Re

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	22.78	Air Temp, Elkins WV - Degree C	73	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	130.00	River Flow at Oakland		

W.W.R. *fy Mout*

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

127 = CFS River Flow at Oakland

June 6, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	19.15 (23 to 26.4)	No Further Predictions Necessary Today
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	19.44	Air Temp, Elkins WV - Degree C	67	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	16.10	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	127.00	River Flow at Oakland		

J. M. O'Neil

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

112 = CFS River Flow at Oakland

June 7, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	16.19 (23 to 26.4)	No Further Predictions Necessary Today
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	18.89	Air Temp, Elkins WV - Degree C	66	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	13.80	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	112.00	River Flow at Oakland		

Jay M. Dard

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

115 = CFS River Flow at Oakland

June 8, 2017

Simulate a Ra

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	17.96 (23 to 26.4)	No Further Predictions Necessary Today
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	18.89	Air Temp, Elkins WV - Degree C	66	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	13.10	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	115.00	River Flow at Oakland		

Jay M Dent

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Run

98 = CFS River Flow at Oakland

June 9, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	98.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R:

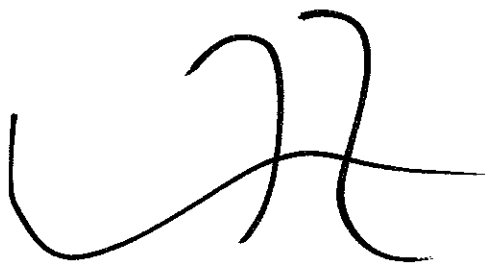
82 = CFS River Flow at Oakland

June 10, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	20.95 (23 to 26.4)	Check Again at 0900
0900	20.92 (23 to 25.9)	Check Again at 1100
1100	22.48 (23 to 25.4)	Check Again at 1200
1200	22.35 (23 to 25.3)	Check Again at 1400
1400	23.58 (23 to 25.2)	Check Again at 1500
1500	24.11	Check Again Tomorrow at 0700

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	15.60	River Temp Sang Run @700		
T9	15.80	River Temp Sang Run @900		
T11	17.20	River Temp Sang Run @1100		
T12	18.10	River Temp Sang Run @1200		
T14	21.00	River Temp Sang Run @1400		
T15	22.40	River Temp Sang Run @1500		
Q	82.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Run

73 = CFS River Flow at Oakland

June 11, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.46 (23 to 26.4)	Check Again at 0900
0900	24.22 (23 to 25.9)	Check Again at 1100
1100	25.40 (23 to 25.4)	Release at 1230 for 2 Hours
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	1.00	Cloud Cover Factor, Elkins WV	CLEAR	Cloud Cover, Elkins WV
T7	16.60	River Temp Sang Run @700		
T9	16.70	River Temp Sang Run @900		
T11	18.40	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	73.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

64 = CFS River Flow at Oakland

June 12, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	64.00	River Flow at Oakland		

w.w.r. *lu ty*

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

58

= CFS River Flow at Oakland

June 13, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.54 (23 to 26.4)	Check Again at 0900
0900	24.83 (23 to 25.9)	Check Again at 1100
1100	25.24 (23 to 25.4)	Check Again at 1200
1200	25.27 (23 to 25.3)	Check Again at 1400
1400	26.30 (23 to 25.2)	Release ASAP - not later than 1430 for 1 hour
1500		--

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	18.60	River Temp Sang Run @700		
T9	19.00	River Temp Sang Run @900		
T11	20.20	River Temp Sang Run @1100		
T12	21.20	River Temp Sang Run @1200		
T14	24.00	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	58.00	River Flow at Oakland		

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YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

56

= CFS River Flow at Oakland

June 14, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.71 (23 to 26.4)	Check Again at 0900
0900	24.98 (23 to 25.9)	Check Again at 1100
1100	25.22 (23 to 25.4)	Check Again at 1200
1200	25.27 (23 to 25.3)	Check Again at 1400
1400	25.87 (23 to 25.2)	Release ASAP - not later than 1430 for 1 hour
1500	--	--

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	19.40	River Temp Sang Run @700		
T9	19.70	River Temp Sang Run @900		
T11	20.70	River Temp Sang Run @1100		
T12	21.60	River Temp Sang Run @1200		
T14	23.90	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	56.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

153 = CFS River Flow at Oakland

June 15, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	28.16 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	19.50	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	153.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN


Simulate a R

159 = CFS River Flow at Oakland

June 16, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<p align="center">WWR</p> 	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	159.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re


202 = CFS River Flow at Oakland

June 17, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	202.00	River Flow at Oakland		

WWR


YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Run

106 = CFS River Flow at Oakland

June 18, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.18 (23 to 26.4)	Check Again at 0900
0900	24.06 (23 to 25.9)	Check Again at 1100
1100	26.54 (23 to 25.4)	Release at 1230 for 2 Hours
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	19.40	River Temp Sang Run @700		
T9	19.60	River Temp Sang Run @900		
T11	21.00	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	106.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Run


109 = CFS River Flow at Oakland

June 19, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	22.78	Air Temp, Elkins WV - Degree C	73	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	109.00	River Flow at Oakland		

wwr


YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

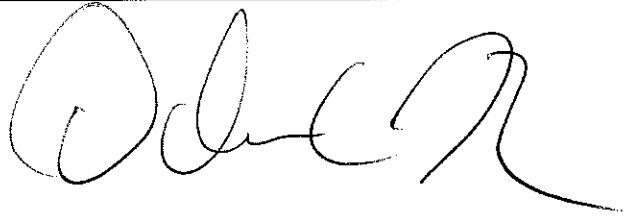
225 = CFS River Flow at Oakland

June 20, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.33 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.00	Air Temp, Elkins WV - Degree C	77	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	18.70	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	225.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

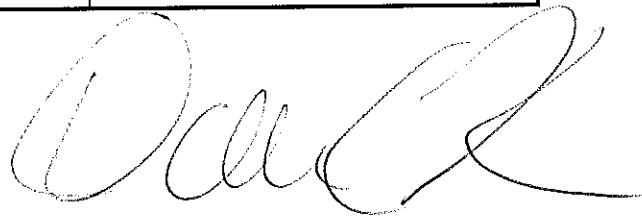
115 = CFS River Flow at Oakland

June 21, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.85 (23 to 26.4)	Check Again at 0900
0900	24.98 (23 to 25.9)	Check Again at 1100
1100	24.25 (23 to 25.4)	Check Again at 1200
1200	24.14 (23 to 25.3)	Check Again at 1400
1400	24.07 (23 to 25.2)	Check Again at 1500
1500	24.15	Check Again Tomorrow at 0700

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	17.60	River Temp Sang Run @700		
T9	17.50	River Temp Sang Run @900		
T11	18.50	River Temp Sang Run @1100		
T12	19.40	River Temp Sang Run @1200		
T14	21.60	River Temp Sang Run @1400		
T15	22.60	River Temp Sang Run @1500		
Q	115.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

85 = CFS River Flow at Oakland

June 22, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	23.06 (23 to 26.4)	Check Again at 0900
0900	22.91 (23 to 25.9)	Check Again at 1100
1100	23.35 (23 to 25.4)	Check Again at 1200
1200	23.39 (23 to 25.3)	Check Again at 1400
1400	24.47 (23 to 25.2)	Check Again at 1500
1500	24.17	Check Again Tomorrow at 0700

Tair °C	27.22	Air Temp, Elkins WV - Degree C	81	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	18.50	River Temp Sang Run @700		
T9	18.50	River Temp Sang Run @900		
T11	19.10	River Temp Sang Run @1100		
T12	20.00	River Temp Sang Run @1200		
T14	22.20	River Temp Sang Run @1400		
T15	22.80	River Temp Sang Run @1500		
Q	85.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

93 = CFS River Flow at Oakland

June 23, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	93.00	River Flow at Oakland		

WWR

JAVIER CANO Sys.ops

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

696 = CFS River Flow at Oakland

June 24, 2017

Simulate a Re

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	21.71 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	16.80	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	696.00	River Flow at Oakland		

JAMES CARO Sys operator
Romeo

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

391 = CFS River Flow at Oakland

June 25, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	20.89 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	64.00	Cloud Cover Factor, Elkins WV	MOCLDY	Cloud Cover, Elkins WV
T7	17.00	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	391.00	River Flow at Oakland		

TAVIER CARO Sys OPS
Rumlan

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

225 = CFS River Flow at Oakland

June 26, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	21.67	Air Temp, Elkins WV - Degree C	71	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	225.00	River Flow at Oakland		

WHITE WATER RELEASE @ 1100

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

166 = CFS River Flow at Oakland

June 27, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	20.00	Air Temp, Elkins WV - Degree C	68	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	166.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN


Simulate a Re

130 = CFS River Flow at Oakland

June 28, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	20.53 (23 to 26.4)	Check Again at 0900
0900	16.94 (23 to 25.9)	Check Again at 1100
1100	21.83 (23 to 25.4)	Check Again at 1200
1200	21.73 (23 to 25.3)	Check Again at 1400
1400	21.81 (23 to 25.2)	Check Again at 1500
1500	21.93	Check Again Tomorrow at 0700

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	16.00	Cloud Cover Factor, Elkins WV	FAIR	Cloud Cover, Elkins WV
T7	14.30	River Temp Sang Run @700		
T9	14.30	River Temp Sang Run @900		
T11	15.50	River Temp Sang Run @1100		
T12	16.50	River Temp Sang Run @1200		
T14	18.90	River Temp Sang Run @1400		
T15	20.00	River Temp Sang Run @1500		
Q	130.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

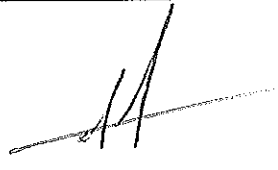
Simulate a R

103 = CFS River Flow at Oakland

June 29, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.25 (23 to 26.4)	Check Again at 0900
0900	21.82 (23 to 25.9)	Check Again at 1100
1100	23.76 (23 to 25.4)	Check Again at 1200
1200	23.03 (23 to 25.3)	Check Again at 1400
1400	22.34 (23 to 25.2)	Check Again at 1500
1500	22.16	Check Again Tomorrow at 0700

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	15.30	River Temp Sang Run @700		
T9	15.40	River Temp Sang Run @900		
T11	16.80	River Temp Sang Run @1100		
T12	17.40	River Temp Sang Run @1200		
T14	19.40	River Temp Sang Run @1400		
T15	20.30	River Temp Sang Run @1500		
Q	103.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

87 = CFS River Flow at Oakland

June 30, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	28.89	Air Temp, Elkins WV - Degree C	84	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	87.00	River Flow at Oakland		

WWR from 11am-2pm



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

75 = CFS River Flow at Oakland

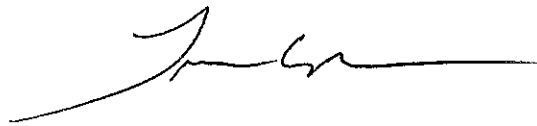
July 1, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	75.00	River Flow at Oakland		

WWR



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

71 = CFS River Flow at Oakland

July 2, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.37 (23 to 26.4)	Check Again at 0900
0900	24.58 (23 to 25.9)	Check Again at 1100
1100	25.19 (23 to 25.4)	Check Again at 1200
1200	25.28 (23 to 25.3)	Check Again at 1400
1400	25.30 (23 to 25.2)	Release ASAP - not later than 1430 for 1 hour
1500		--

Tair °C	27.22	Air Temp, Elkins WV - Degree C	81	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	19.20	River Temp Sang Run @700		
T9	19.40	River Temp Sang Run @900		
T11	20.40	River Temp Sang Run @1100		
T12	21.40	River Temp Sang Run @1200		
T14	23.80	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	71.00	River Flow at Oakland		

Temp Release 1410 - 1510 → 2 units

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

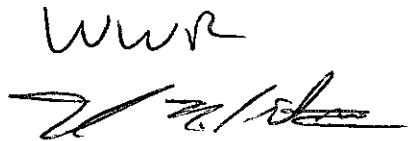
60 = CFS River Flow at Oakland

July 3, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	60.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Release

54 = CFS River Flow at Oakland

July 4, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	25.03 (23 to 26.4)	Check Again at 0900
0900	25.06 (23 to 25.9)	Check Again at 1100
1100	26.06 (23 to 25.4)	<u>Release at 1230 for 2 Hours</u>
1200	--- (23 to 25.3)	--
1400	--- (23 to 25.2)	--
1500	---	--

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	19.60	River Temp Sang Run @700		
T9	19.70	River Temp Sang Run @900		
T11	21.20	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	54.00	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

48 = CFS River Flow at Oakland

July 5, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.94 (23 to 26.4)	Check Again at 0900
0900	25.20 (23 to 25.9)	Check Again at 1100
1100	25.90 (23 to 25.4)	Release at 1230 for 2 Hours
1200	--- (23 to 25.3)	--
1400	--- (23 to 25.2)	--
1500	---	--

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	20.20	River Temp Sang Run @700		
T9	20.40	River Temp Sang Run @900		
T11	21.80	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	48.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

60 = CFS River Flow at Oakland

July 6, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.55 (23 to 26.4)	Check Again at 0900
0900	24.55 (23 to 25.9)	Check Again at 1100
1100	24.24 (23 to 25.4)	Check Again at 1200
1200	23.84 (23 to 25.3)	Check Again at 1400
1400	23.29 (23 to 25.2)	Check Again at 1500
1500	23.20	Check Again Tomorrow at 0700

Tair °C	26.11	Air Temp, Elkins WV - Degree C	79	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	21.00	River Temp Sang Run @700		
T9	20.90	River Temp Sang Run @900		
T11	21.00	River Temp Sang Run @1100		
T12	21.10	River Temp Sang Run @1200		
T14	21.90	River Temp Sang Run @1400		
T15	22.30	River Temp Sang Run @1500		
Q	60.00	River Flow at Oakland		

Sara Parent

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

312 = CFS River Flow at Oakland

July 7, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	312.00	River Flow at Oakland		

WWR TODAY
@ 1100

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

381 = CFS River Flow at Oakland

July 8, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<p>WWB</p> <p>1100 - 1400</p>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	381.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

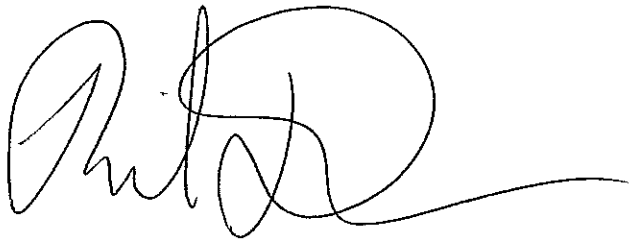
237 = CFS River Flow at Oakland

July 9, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	237.00	River Flow at Oakland		



7/9/17

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

146 = CFS River Flow at Oakland

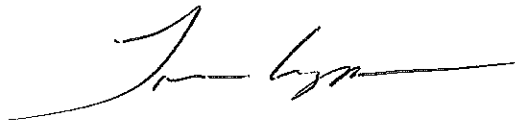
July 10, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	146.00	River Flow at Oakland		

WWR 11am-2pm



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

166 = CFS River Flow at Oakland

July 11, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	166.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

180 = CFS River Flow at Oakland

July 12, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	180.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

156 = CFS River Flow at Oakland

July 13, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	156.00	River Flow at Oakland		

Sara Parent 7/13/17

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

UA = CFS River Flow at Oakland

July 14, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Need Flow Estimate to Proceed
0900	-- (23 to 25.9)	--
1100	-- (23 to 25.4)	--
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	No Data	Air Temp, Elkins WV - Degree C	No Data	Air Temp, Elkins WV - Degree F
CCF	No Data	Cloud Cover Factor, Elkins WV	No Data	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	UA	River Flow at Oakland		

WHITE WATER RELEASE

John Egan

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

824 = CFS River Flow at Oakland

July 15, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.00	Air Temp, Elkins WV - Degree C	77	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	824.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

376 = CFS River Flow at Oakland

July 16, 2017

Simulate a Run

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	376.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

245 = CFS River Flow at Oakland

July 17, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<p>WWR 11-2pm</p>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	245.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

179 = CFS River Flow at Oakland

July 18, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	179.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Ra

143 = CFS River Flow at Oakland

July 19, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.76 (23 to 26.4)	Check Again at 0900
0900	23.13 (23 to 25.9)	Check Again at 1100
1100	26.75 (23 to 25.4)	Release at 1230 for 2 Hours
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	30.56	Air Temp, Elkins WV - Degree C	87	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	20.60	River Temp Sang Run @700		
T9	20.70	River Temp Sang Run @900		
T11	21.70	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	143.00	River Flow at Oakland		

19MW BID IN DAY
AHEAD FROM 1200-1500
COVERING TEMP Release

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

117 = CFS River Flow at Oakland

July 20, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.38 (23 to 26.4)	Check Again at 0900
0900	23.77 (23 to 25.9)	Check Again at 1100
1100	26.92 (23 to 25.4)	Release at 1230 for 2 Hours
1200		--
	(23 to 25.3)	
1400		--
	(23 to 25.2)	
1500		--

Tair °C	30.56	Air Temp, Elkins WV - Degree C	87	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	21.00	River Temp Sang Run @700		
T9	21.10	River Temp Sang Run @900		
T11	22.20	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	117.00	River Flow at Oakland		

TEMP Release COVERED By
4 hours Run bid in
from 1200-1600 in
the day ahead market

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R2

98.9 = CFS River Flow at Oakland

July 21, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	29.44	Air Temp, Elkins WV - Degree C	85	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	98.90	River Flow at Oakland		

WWR today

Javier Cas...

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a R

UA = CFS River Flow at Oakland

July 22, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Need Flow Estimate to Proceed
0900	-- (23 to 25.9)	--
1100	-- (23 to 25.4)	--
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	UA	River Flow at Oakland		

WWR

SARVA CANO

Annual Friendsville Race 2017

[Handwritten signature]

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

1770 = CFS River Flow at Oakland

July 23, 2017

Simulate a Run

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	23.61 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	28.89	Air Temp, Elkins WV - Degree C	84	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	20.30	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	1770.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Run

667 = CFS River Flow at Oakland

July 24, 2017

Print Info for file

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	667.00	River Flow at Oakland		

WWR  JAVIER CARR

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT PLAN

Simulate a Re

391 = CFS River Flow at Oakland

July 25, 2017

Print Info for

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500	--	

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	391.00	River Flow at Oakland		

NOT REQUIRED

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

268 = CFS River Flow at Oakland

July 26, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	268.00	River Flow at Oakland		

NOT REQUIRED

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

201 = CFS River Flow at Oakland

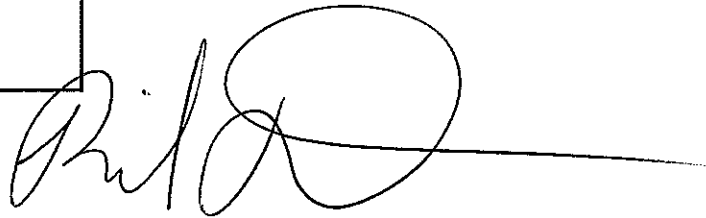
July 27, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Print Info

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	201.00	River Flow at Oakland		

RELEASE NOT REQUIRED



YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

169 = CFS River Flow at Oakland

July 28, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	--
1100	(23 to 25.4)	--
1200	(23 to 25.3)	--
1400	(23 to 25.2)	--
1500		--

Print Info

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @ 700	<i>Jedn Eckli</i> WWR	
T9	--	River Temp Sang Run @ 900		
T11	--	River Temp Sang Run @ 1100		
T12	--	River Temp Sang Run @ 1200		
T14	--	River Temp Sang Run @ 1400		
T15	--	River Temp Sang Run @ 1500		
Q	169.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

3960 = CFS River Flow at Oakland

July 29, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	20.00	Air Temp, Elkins WV - Degree C	68	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>wwr John Cobble</i>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	3960.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

5720 = CFS River Flow at Oakland

July 30, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	25.00	Air Temp, Elkins WV - Degree C	77	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	HAZE	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>wwn John Estlin</i>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	5720.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

1200 = CFS River Flow at Oakland

July 31, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	1200.00	River Flow at Oakland		

WWR

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

662 = CFS River Flow at Oakland

August 1, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	21.88 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	26.67	Air Temp, Elkins WV - Degree C
CCF	36.00	Cloud Cover Factor, Elkins WV
T7	17.30	River Temp Sang Run @700
T9	--	River Temp Sang Run @900
T11	--	River Temp Sang Run @1100
T12	--	River Temp Sang Run @1200
T14	--	River Temp Sang Run @1400
T15	--	River Temp Sang Run @1500
Q	662.00	River Flow at Oakland

80
TSTRMS

Air Temp, Elkins WV - Degree F
Cloud Cover, Elkins WV

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

446 = CFS River Flow at Oakland

August 2, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	--
1100	(23 to 25.4)	--
1200	(23 to 25.3)	--
1400	(23 to 25.2)	--
1500		--

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	446.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

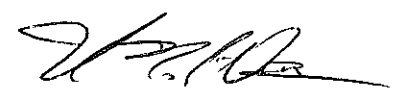
Simulate a Range of Dates

313 = CFS River Flow at Oakland

August 3, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.58 (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	18.30	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	313.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

235 = CFS River Flow at Oakland

August 4, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	--
1100	-- (23 to 25.4)	--
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	235.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

708 = CFS River Flow at Oakland

August 5, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	21.11	Air Temp, Elkins WV - Degree C	70	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	708.00	River Flow at Oakland		

WWRB
11-2pm
[Handwritten Signature]

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT


Simulate a Range of Dates

308 = CFS River Flow at Oakland

August 6, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	100.00	Cloud Cover Factor, Elkins WV	CLOUDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>WWR John Cahlin</i> 	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	308.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN Simulate a Range

227 = CFS River Flow at Oakland Print

August 7, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	27.22	Air Temp, Elkins WV - Degree C	81	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	227.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

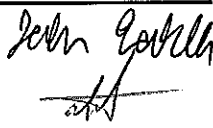
Simulate a Range of Dates

438 = CFS River Flow at Oakland

August 8, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	--
1100	-- (23 to 25.4)	--
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	HAZE	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	438.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

299 = CFS River Flow at Oakland

August 9, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>John Cobble</i>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	299.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

219 = CFS River Flow at Oakland

August 10, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	219.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT


Simulate a Range of Dates

186 = CFS River Flow at Oakland

August 11, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	186.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

186 = CFS River Flow at Oakland

August 12, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	186.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT

Simulate a Range of Dates

149 = CFS River Flow at Oakland

August 13, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.07 (23 to 26.4)	Check Again at 0900
0900	19.97 (23 to 25.9)	Check Again at 1100
1100	23.79 (23 to 25.4)	Check Again at 1200
1200	23.23 (23 to 25.3)	Check Again at 1400
1400	23.68 (23 to 25.2)	Check Again at 1500
1500	23.97	Check Again Tomorrow at 0700

Tair °C	25.56	Air Temp, Elkins WV - Degree C	78	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	17.40	River Temp Sang Run @700		
T9	17.40	River Temp Sang Run @900		
T11	18.50	River Temp Sang Run @1100		
T12	19.00	River Temp Sang Run @1200		
T14	21.30	River Temp Sang Run @1400		
T15	21.90	River Temp Sang Run @1500		
Q	149.00	River Flow at Oakland		

Sara Parent

YOUGHIOGHENY RIVER WATER TEMPERATURE ENHANCEMENT


Simulate a Range of Dates

122 = CFS River Flow at Oakland

August 14, 2017

Print Info

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	WWR 8/14/17 1100 - 2:00 pm 	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	122.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE (Simulate a Range) PLAN

143

= CFS River Flow at Oakland
 Print

August 15, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.07 (23 to 26.4)	Check Again at 0900
0900	20.23 (23 to 25.9)	Check Again at 1100
1100	23.94 (23 to 25.4)	Check Again at 1200
1200	23.48 (23 to 25.3)	Check Again at 1400
1400	-- (23 to 25.2)	Input 1400 SANG RUN Temp
1500	--	Input 1400 SANG RUN Temp

Tair °C	26.11	Air Temp, Elkins WV - Degree C	79	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	TSTRMS	Cloud Cover, Elkins WV
T7	18.40	River Temp Sang Run @700	4 hours of REG BID IN DAY AHEAD MARKET HE 15-18	
T9	18.40	River Temp Sang Run @900		
T11	19.30	River Temp Sang Run @1100		
T12	19.70	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	143.00	River Flow at Oakland		

Phil D
8/15/17

YOUGHIOGHENY RIVER WATER TEMPERATURE (Simulate a Range) REPORT PLAN

137 = CFS River Flow at Oakland Print

August 16, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.78 (23 to 26.4)	Check Again at 0900
0900	21.40 (23 to 25.9)	Check Again at 1100
1100	24.19 (23 to 25.4)	Check Again at 1200
1200	23.52 (23 to 25.3)	Check Again at 1400
1400	-- (23 to 25.2)	Input 1400 SANG RUN Temp
1500	--	Input 1400 SANG RUN Temp

Tair °C	27.78	Air Temp, Elkins WV - Degree C	82	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	18.90	River Temp Sang Run @700	RELEASE NOT REQUIRED 4 hours of GEN BTD IN DAY AHEAD MARKET 1400 - 1800	
T9	19.10	River Temp Sang Run @900		
T11	19.60	River Temp Sang Run @1100		
T12	19.70	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	137.00	River Flow at Oakland		

[Handwritten Signature] 8/16/17

YOUGHIOGHENY RIVER WATER TEMPERATURE (Simulate a Range) EVENT PLAN

104 = CFS River Flow at Oakland Print

August 17, 2017 ✓

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	22.74 (23 to 26.4)	Check Again at 0900
0900	22.38 (23 to 25.9)	Check Again at 1100
1100	25.13 (23 to 25.4)	Check Again at 1200
1200	25.25 (23 to 25.3)	Check Again at 1400
1400	(23 to 25.2)	Input 1400 SANG RUN Temp
1500		Input 1400 SANG RUN Temp

Tair °C	28.89	Air Temp, Elkins WV - Degree C
CCF	64.00	Cloud Cover Factor, Elkins WV
T7	19.30	River Temp Sang Run @700
T9	19.30	River Temp Sang Run @900
T11	20.40	River Temp Sang Run @1100
T12	21.40	River Temp Sang Run @1200
T14	--	River Temp Sang Run @1400
T15	--	River Temp Sang Run @1500
Q	104.00	River Flow at Oakland

84	Air Temp, Elkins WV - Degree F
MOCLDY	Cloud Cover, Elkins WV

4 HOURS OF GEN
 BID IN DAY AHEAD
 1400 - 1600

Phil D

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

88.5 = CFS River Flow at Oakland

August 18, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	26.67	Air Temp, Elkins WV - Degree C	80	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	88.50	River Flow at Oakland		

WWR

YOUGHIOGHENY RIVER WATER TEMPERATURE MONITORING PLAN

Simulate a Range

88.5 = CFS River Flow at Oakland

August 19, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	27.22	Air Temp, Elkins WV - Degree C	81	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	88.50	River Flow at Oakland		

WWR
[Signature]

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN


Simulate a Range

78.8 = CFS River Flow at Oakland

August 20, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	24.64 (23 to 26.4)	Check Again at 0900
0900	24.48 (23 to 25.9)	Check Again at 1100
1100	25.76 (23 to 25.4)	Release at 1230 for 2 Hours
1200	(23 to 25.3)	--
1400	(23 to 25.2)	--
1500		--

Tair °C	28.33	Air Temp, Elkins WV - Degree C	83	Air Temp, Elkins WV - Degree F
CCF	1.00	Cloud Cover Factor, Elkins WV	SUNNY	Cloud Cover, Elkins WV
T7	19.40	River Temp Sang Run @700		
T9	19.30	River Temp Sang Run @900		
T11	20.50	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	78.80	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

69.8 = CFS River Flow at Oakland

August 21, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	69.80	River Flow at Oakland		

WHITE WATER RELEASE
1100 - 1400 HRS

Sara Parent

YOUGHIOGHENY RIVER WATER TEMPERATURE MANAGEMENT PLAN

Simulate a Range

61.3 = CFS River Flow at Oakland

August 22, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	25.35 (23 to 26.4)	Check Again at 0900
0900	25.09 (23 to 25.9)	Check Again at 1100
1100	25.33 (23 to 25.4)	Release at 1230 for 2 Hours
1200		--
	(23 to 25.3)	
1400		--
	(23 to 25.2)	
1500		--

Tair °C	30.00	Air Temp, Elkins WV - Degree C	86 TSTRMS	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV		Cloud Cover, Elkins WV
T7	19.80	River Temp Sang Run @700		
T9	19.70	River Temp Sang Run @900		
T11	21.10	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	61.30	River Flow at Oakland		

Two handwritten signatures are present at the bottom of the page. The first is a large, stylized signature, and the second is a smaller, more linear signature.

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

1040 = CFS River Flow at Oakland

August 23, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	100.00	Cloud Cover Factor, Elkins WV	CLOUDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	1040.00	River Flow at Oakland		

Sara Parent

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

420 = CFS River Flow at Oakland

August 24, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	22.22	Air Temp, Elkins WV - Degree C	72	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTCLDY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	420.00	River Flow at Oakland		

Sara Parent

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

243 = CFS River Flow at Oakland

August 25, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	-- (23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	-- (23 to 25.9)	
1100	-- (23 to 25.4)	
1200	-- (23 to 25.3)	
1400	-- (23 to 25.2)	
1500	--	

Tair °C	21.11	Air Temp, Elkins WV - Degree C	70	Air Temp, Elkins WV - Degree F
CCF	9.00	Cloud Cover Factor, Elkins WV	MOSUNNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>wrn John Corbin</i>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	243.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE SIMULATION PLAN

Simulate a Range

169 = CFS River Flow at Oakland
Print

August 26, 2017

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Temperature Plan not Required Today - Flow Exceeds 150 CFS
0900	(23 to 25.9)	
1100	(23 to 25.4)	
1200	(23 to 25.3)	
1400	(23 to 25.2)	
1500		

Tair °C	23.33	Air Temp, Elkins WV - Degree C	74	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	SHWRS	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700	<i>WWR John Goshli</i>	
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	169.00	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE MONITORING PLAN

Simulate a Range

140 = CFS River Flow at Oakland

August 27, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	21.24 (23 to 26.4)	Check Again at 0900
0900	19.56 (23 to 25.9)	Check Again at 1100
1100	22.93 (23 to 25.4)	Check Again at 1200
1200	22.87 (23 to 25.3)	Check Again at 1400
1400	22.25 (23 to 25.2)	Check Again at 1500
1500	22.38	Check Again Tomorrow at 0700

Tair °C	25.00	Air Temp, Elkins WV - Degree C
CCF	36.00	Cloud Cover Factor, Elkins WV
T7	17.00	River Temp Sang Run @700
T9	17.10	River Temp Sang Run @900
T11	18.00	River Temp Sang Run @1100
T12	18.80	River Temp Sang Run @1200
T14	20.20	River Temp Sang Run @1400
T15	21.00	River Temp Sang Run @1500
Q	140.00	River Flow at Oakland

77

SHWRS

Air Temp, Elkins WV - Degree F
Cloud Cover, Elkins WV

John Carlin

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

116 = CFS River Flow at Oakland

August 28, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	(23 to 26.4)	Input 0700 SANG RUN Temp
0900	(23 to 25.9)	Input 0700 SANG RUN Temp
1100	(23 to 25.4)	Input 0700 SANG RUN Temp
1200	(23 to 25.3)	Input 0700 SANG RUN Temp
1400	(23 to 25.2)	Input 0700 SANG RUN Temp
1500		Input 0700 SANG RUN Temp

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	No Data	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	116.00	River Flow at Oakland		

White Water Release
Scheduled from 11 AM - 2 PM

Sara Parent
Ryan

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

98.9 = CFS River Flow at Oakland

August 29, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	19.75 (23 to 26.4)	No Further Predictions Necessary Today
0900	-- (23 to 25.9)	--
1100	-- (23 to 25.4)	--
1200	-- (23 to 25.3)	--
1400	-- (23 to 25.2)	--
1500	--	--

Tair °C	21.67	Air Temp, Elkins WV - Degree C	71 MOCLDY	Air Temp, Elkins WV - Degree F
CCF	64.00	Cloud Cover Factor, Elkins WV		Cloud Cover, Elkins WV
T7	17.20	River Temp Sang Run @700		
T9	--	River Temp Sang Run @900		
T11	--	River Temp Sang Run @1100		
T12	--	River Temp Sang Run @1200		
T14	--	River Temp Sang Run @1400		
T15	--	River Temp Sang Run @1500		
Q	98.90	River Flow at Oakland		

YOUGHIOGHENY RIVER WATER TEMPERATURE ACTION PLAN

Simulate a Range

88.5 = CFS River Flow at Oakland

August 30, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	21.42 (23 to 26.4)	Check Again at 0900
0900	21.33 (23 to 25.9)	Check Again at 1100
1100	22.48 (23 to 25.4)	Check Again at 1200
1200	22.14 (23 to 25.3)	Check Again at 1400
1400	22.47 (23 to 25.2)	Check Again at 1500
1500	22.57	Check Again Tomorrow at 0700

Tair °C	24.44	Air Temp, Elkins WV - Degree C	76	Air Temp, Elkins WV - Degree F
CCF	36.00	Cloud Cover Factor, Elkins WV	PTSUNY	Cloud Cover, Elkins WV
T7	16.70	River Temp Sang Run @700		
T9	16.80	River Temp Sang Run @900		
T11	17.60	River Temp Sang Run @1100		
T12	18.10	River Temp Sang Run @1200		
T14	20.10	River Temp Sang Run @1400		
T15	21.00	River Temp Sang Run @1500		
Q	88.50	River Flow at Oakland		



YOUGHIOGHENY RIVER WATER TEMPERATURE MONITORING PLAN

Simulate a Range

81.2 = CFS River Flow at Oakland

August 31, 2017

Print

Time	Predicted Maximum River Water Temperature Degree C	Deep Creek Action
0700	21.46 (23 to 26.4)	Check Again at 0900
0900	21.40 (23 to 25.9)	Check Again at 1100
1100	22.99 (23 to 25.4)	Check Again at 1200
1200	22.71 (23 to 25.3)	Check Again at 1400
1400	22.46 (23 to 25.2)	Check Again at 1500
1500	22.80	Check Again Tomorrow at 0700

Tair °C	25.00	Air Temp, Elkins WV - Degree C	77 MOCLDY	Air Temp, Elkins WV - Degree F
CCF	64.00	Cloud Cover Factor, Elkins WV		Cloud Cover, Elkins WV
T7	17.00	River Temp Sang Run @700		
T9	17.20	River Temp Sang Run @900		
T11	18.30	River Temp Sang Run @1100		
T12	18.90	River Temp Sang Run @1200		
T14	20.40	River Temp Sang Run @1400		
T15	21.40	River Temp Sang Run @1500		
Q	81.20	River Flow at Oakland		

APPENDIX C

- Provisional 2017 Daily Mean Flow Data from the USGS Hoyes Run Gage
 - 2017 Bypass Valve Operation Daily Log Sheets

USGS PROVISIONAL WATER DISCHARGE DATA (mean cfs)

FOR THE YOUGHIOGHENY RIVER AT HOYES, MD GAGE (No. 03076100) FROM JANUARY 1, 2017 THROUGH DECEMBER 31, 2017¹

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day												
1	488 ^A	839 ^A	1,830 ^A	2,740 ^A	956 ^A	680 ^A	238 ^A	1,400 ^A	201 ^A	50 ^A	993 ^P	221 ^P
2	1,240 ^A	872 ^A	1,990 ^A	1,850 ^A	1,320 ^A	675 ^A	168 ^A	952 ^A	201 ^A	132 ^A	939 ^P	204 ^P
3	1,740 ^A	823 ^A	1,160 ^A	1,430 ^A	858 ^A	284 ^A	211 ^A	789 ^A	117 ^A	49 ^A	858 ^P	191 ^P
4	2,650 ^A	313 ^{A:e}	806 ^A	1,270 ^A	951 ^A	245 ^A	170 ^A	623 ^A	202 ^A	48 ^A	468 ^P	177 ^P
5	1,960 ^A	295 ^{A:e}	619 ^A	1,130 ^A	1,930 ^A	440 ^A	161 ^A	825 ^A	113 ^A	48 ^P	401 ^P	177 ^P
6	1,460 ^A	478 ^{A:e}	539 ^A	1,630 ^A	1,820 ^A	354 ^A	132 ^A	432 ^A	534 ^A	128 ^P	1,660 ^P	240 ^P
7	906 ^A	1,210 ^A	623 ^A	2,340 ^A	1,910 ^A	197 ^A	546 ^A	816 ^A	470 ^A	130 ^P	2,080 ^P	211 ^P
8	499 ^{A:e}	1,800 ^A	954 ^A	1,670 ^A	1,270 ^A	202 ^A	512 ^A	954 ^A	431 ^A	46 ^P	1,990 ^P	184 ^P
9	419 ^{A:e}	1,450 ^A	776 ^A	1,470 ^A	989 ^A	264 ^A	345 ^A	698 ^A	242 ^A	301 ^P	1,440 ^P	169 ^P
10	394 ^{A:e}	1,190 ^A	731 ^A	1,040 ^A	1,050 ^A	152 ^A	315 ^A	633 ^A	180 ^A	359 ^P	1,150 ^P	161 ^P
11	487 ^{A:e}	798 ^A	597 ^A	814 ^A	1,210 ^A	190 ^A	333 ^A	555 ^A	205 ^A	293 ^P	671 ^P	313 ^P
12	1,310 ^A	1,600 ^A	508 ^A	640 ^A	1,600 ^A	272 ^A	288 ^A	360 ^A	195 ^A	434 ^P	557 ^P	308 ^P
13	1,410 ^A	2,220 ^A	527 ^A	502 ^A	1,800 ^A	138 ^A	308 ^A	235 ^A	187 ^A	360 ^P	752 ^P	292 ^P
14	1,140 ^A	1,480 ^A	543 ^A	422 ^A	1,570 ^A	133 ^A	911 ^A	355 ^A	184 ^A	120 ^P	748 ^P	324 ^P
15	1,580 ^A	1,200 ^A	473 ^{A:e}	421 ^A	1,140 ^A	131 ^A	1,130 ^A	289 ^A	184 ^A	110 ^P	422 ^P	305 ^P
16	1,150 ^A	992 ^A	476 ^{A:e}	339 ^A	608 ^A	320 ^A	517 ^A	259 ^A	94 ^A	155 ^P	317 ^P	136 ^{P:e}
17	1,030 ^A	833 ^A	523 ^{A:e}	574 ^A	676 ^A	375 ^A	450 ^A	380 ^A	87 ^A	154 ^P	286 ^P	138 ^{P:e}
18	1,240 ^A	455 ^A	407 ^A	539 ^A	612 ^A	238 ^A	271 ^A	426 ^A	166 ^A	78 ^P	326 ^P	140 ^P
19	978 ^A	388 ^A	1,090 ^A	405 ^A	677 ^A	349 ^A	304 ^A	234 ^A	78 ^A	69 ^P	1,110 ^P	319 ^P
20	982 ^A	637 ^A	1,140 ^A	663 ^A	298 ^A	333 ^A	296 ^A	198 ^A	75 ^A	65 ^P	1,280 ^P	327 ^P
21	718 ^A	594 ^A	1,320 ^A	1,200 ^A	258 ^A	195 ^A	246 ^A	198 ^A	152 ^A	61 ^P	681 ^P	254 ^P
22	585 ^A	388 ^A	1,390 ^A	1,370 ^A	367 ^A	315 ^A	482 ^A	168 ^A	240 ^A	58 ^P	773 ^P	375 ^P
23	772 ^A	362 ^A	1,130 ^A	1,140 ^A	359 ^A	711 ^A	1,740 ^A	998 ^A	65 ^A	63 ^P	483 ^P	368 ^P
24	971 ^A	359 ^A	1,020 ^A	857 ^A	366 ^A	1,850 ^A	830 ^A	489 ^A	62 ^A	687 ^P	419 ^P	1,000 ^P
25	1,590 ^A	264 ^A	911 ^A	715 ^A	802 ^A	755 ^A	543 ^A	389 ^A	229 ^A	446 ^P	372 ^P	671 ^P
26	1,670 ^A	307 ^A	793 ^A	655 ^A	927 ^A	665 ^A	419 ^A	310 ^A	152 ^A	339 ^P	330 ^P	734 ^P
27	1,490 ^A	247 ^A	1,340 ^A	646 ^A	584 ^A	403 ^A	383 ^A	186 ^A	149 ^A	304 ^P	465 ^P	634 ^P
28	856 ^A	252 ^A	1,090 ^A	526 ^A	649 ^A	339 ^A	829 ^A	245 ^A	57 ^A	138 ^P	352 ^P	501 ^P
29	682 ^A		998 ^A	998 ^A	874 ^A	342 ^A	7,830 ^A	140 ^A	135 ^A	768 ^P	414 ^P	627 ^{P:e}
30	1,000 ^A		782 ^A	909 ^A	718 ^A	270 ^A	6,260 ^A	129 ^A	50 ^A	1,400 ^P	389 ^P	309 ^{P:e}
31	922 ^A		1,390 ^A		753 ^A		2,160 ^A	121 ^A		1,230 ^P		282 ^{P:e}

¹ The above data was obtained from the automated U.S. Geological Survey (USGS) database. Data annotated with an A are approved for publication. Data with a P have not received Director's approval and as such are provisional and subject to revision. Data values with an e have been estimated. These data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its use.

January 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
444.0	#N/A	#N/A	#N/A	#N/A

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
534.0	0.0	534.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

January 3, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1900.0	0.0	1900.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:


January 4, 2017

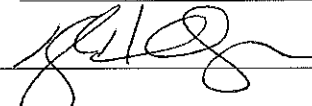
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2390.0	0.0	2390.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 5, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2680.0	0.0	2680.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 6, 2017

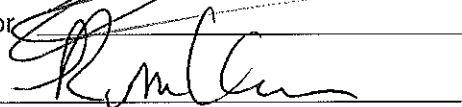
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1790.0	0.0	1790.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
772.0	0.0	772.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *[Signature]*

NOTES:

January 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
578.0	0.0	578.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. McKim* 1/8/2016

NOTES:

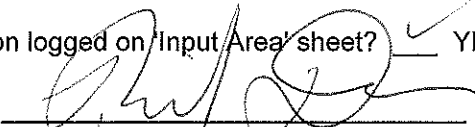
January 9, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
525.0	0.0	525.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
0.0	0.0	0.0	40.0	88.0

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]* *REC'D D. [Signature]*

Shift Supervisor _____

NOTES: ~~*~~ Hoyes Run USGS FROZEN OVER
SEAN FREDLOCK CAN CONFIRM MORE THAN 40 CFS IN RIVER
BASED OFF HISTORICAL DATA AND VISUAL CHECK ~~*~~

January 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
429.0	0.0	429.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor R. Neal Gault

NOTES:

January 12, 2017 ✓


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1020.0	0.0	1020.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1240.0	0.0	1240.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Sara Parent*

Shift Supervisor *Alan Gross*

NOTES:

January 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1240.0	0.0	1240.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Saint Laurent

Shift Supervisor [Signature]

NOTES:

January 15, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1760.0	0.0	1760.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature] press

NOTES:

January 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1340.0	0.0	1340.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. McLean*

NOTES:

January 17, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1010.0	0.0	1010.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor R McLean

NOTES:

January 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1320.0	0.0	1320.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor R. Melancon

NOTES:

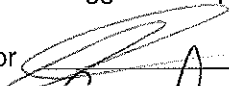
January 19, 2017

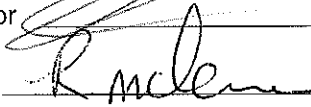
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1030.0	0.0	1030.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
866.0	0.0	866.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

January 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
795.0	0.0	795.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

January 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyer Run CFS	Current Bypass valve opening %	Calculated Hoyer Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
635.0	0.0	635.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

January 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
616.0	0.0	616.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Ponert

Shift Supervisor [Signature]

NOTES:

January 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
954.0	0.0	954.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Panack

Shift Supervisor [Signature]

NOTES:

January 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
866.0	0.0	866.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

January 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1250.0	0.0	1250.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor Arpass

NOTES:

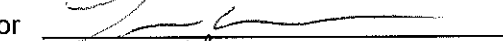
January 27, 2017

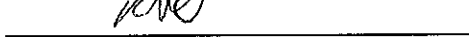
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1270.0	0.0	1270.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

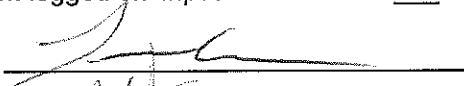
January 28, 2017

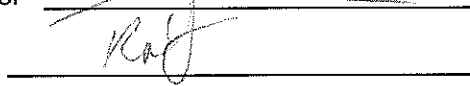
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
916.0	0.0	916.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
717.0	0.0	717.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

January 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
675.0	0.0	675.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

January 31, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
588.0	0.0	588.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
484.0	0.0	484.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
452.0	0.0	452.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 3, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
385.0	0.0	385.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
346.0	0.0	346.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
3800	0.0	3800	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

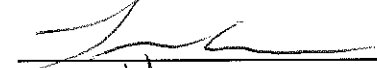
February 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
380.0	0.0	380.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

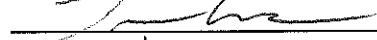
February 7, 2017

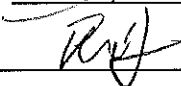
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
468.0	0.0	468.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

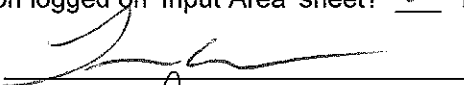
February 8, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1770.0	0.0	1770.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

February 9, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1220.0	0.0	1220.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

February 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
967.0	0.0	967.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature] p,ms

NOTES:

February 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
750.0	0%	750.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass Valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
0.0	0.0	0.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2340.0	0.0	2340.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1410.0	0.0	1410.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. Miller

NOTES:

February 15, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
967.0	0.0	967.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. Miller

NOTES:

February 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
728.0	0.0	728.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McCom

NOTES:

February 17, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
569.0	0.0	569.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 18, 2017

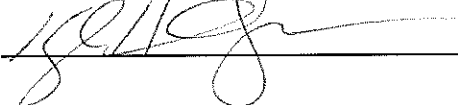
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
492.0	0.0	492.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

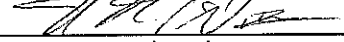
February 19, 2017

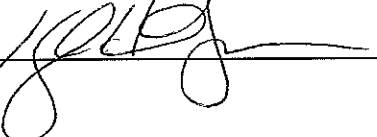
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
415.0	0.0	415.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

February 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
366.0	0.0	366.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Gar 72

Shift Supervisor [Signature]

NOTES:

February 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
332.0	0.0	332.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

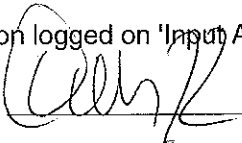
February 22, 2017

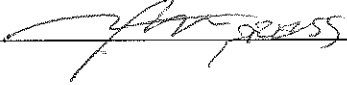
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
300.0	0.0	300.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

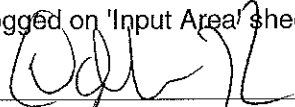
February 23, 2017

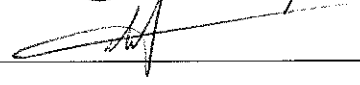
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
265.0	0.0	265.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

February 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
253.0	0.0	253.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *J. M. Smith*

Shift Supervisor *R. J. [Signature]*

NOTES:

February 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass Valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

February 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
326.0	0.0	326.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

February 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
265.0	0.0	265.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

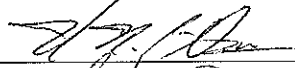
February 28, 2017

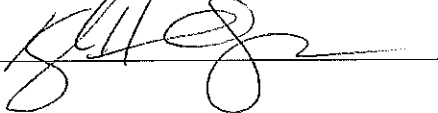
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


March 1, 2017

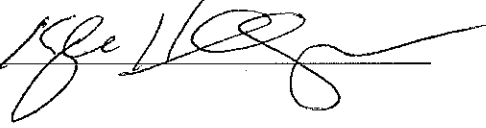
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
259.0	0.0	259.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

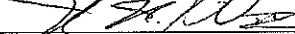
March 2, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2820.0	0.0	2820.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

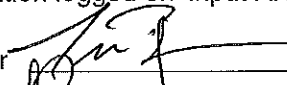
March 3, 2017

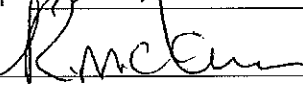
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1410.0	0.0	1410.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
967.0	0.0	967.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

March 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
696.0	0.0	696.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

March 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
551.0	0.0	551.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

March 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
534.0	0.0	534.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sauey Parent

Shift Supervisor [Signature]

NOTES:

March 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
854.0	0.0	854.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor RLH

NOTES:

March 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
806.0	0.0	806.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor HA

NOTES:

March 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
597.0	0.0	597.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Jay Mc Dermott*

Shift Supervisor *[Signature]*

NOTES:

March 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass Valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
543.0	0.0	543.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

March 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
152.0	0.0	152.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

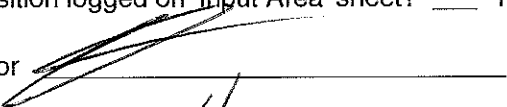
March 13, 2017

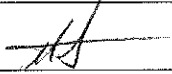
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
400.0	0.0	400.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 14, 2017

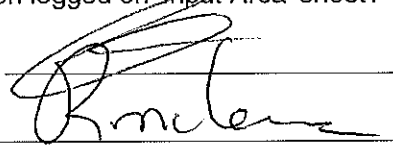
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
635.0	0.0	635.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

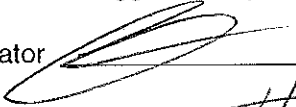
March 15, 2017

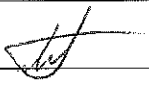
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
407.0	0.0	407.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

March 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
393.0	0.0	393.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor R. McLean

NOTES:


March 17, 2017 ✓

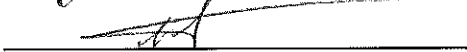
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
393.0	0.0	393.0	0.0	closed

Bypass valve required to be opened per table? ___ YES NO

Bypass valve position logged on 'Input Area' sheet? YES ___ NO ___ N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 18, 2017 ✓

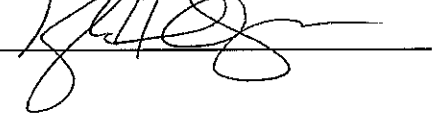
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
313.0	0.0	313.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


March 19, 2017 ✓

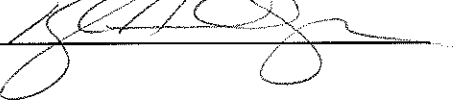
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
967.0	0.0	967.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1380.0	0.0	1380.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

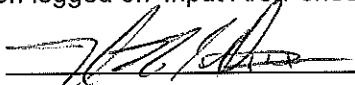
March 21, 2017

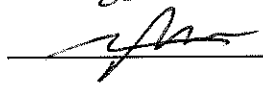
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
878.0	0.0	878.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

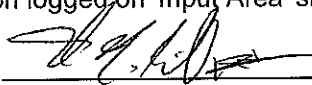
March 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1460.0	0.0	1460.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

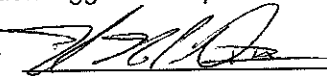
March 23, 2017

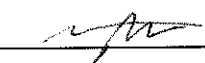
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
916.0	0.0	916.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
707.0	0.0	707.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

March 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
588.0	0.0	588.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor AP

NOTES:

March 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
517.0	0.0	517.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

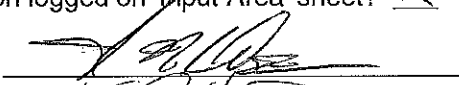
March 27, 2017

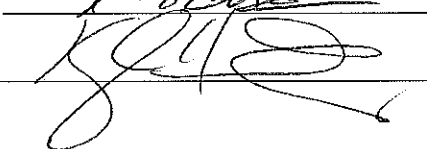
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
543.0	0.0	543.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 28, 2017

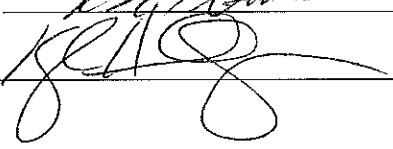
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1240.0	0.0	1240.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


March 29, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1110.0	0.0	1110.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
866.0	0.0	866.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

March 31, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
717.0	0.0	717.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *J. M. Smith*

Shift Supervisor *R. McLean*

NOTES: /

April 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2330.0	0.0	2330.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Jay Mout

Shift Supervisor R. McKen

NOTES:

April 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2170.0	0.0	2170.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

April 3, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1350.0	0.0	1350.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

April 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1470.0	0.0	1470.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

April 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1220.0	0.0	1220.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor M

NOTES:

April 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1350.0	0.0	1350.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Tony Woods

Shift Supervisor _____

NOTES:

April 7, 2017

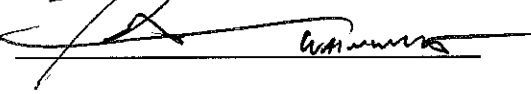
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2700.0	0.0	2700.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

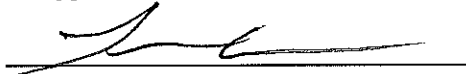
April 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1440.0	0.0	1440.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 9, 2017

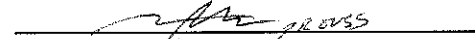
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1450.0	0.0	1450.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  GR EVSS

NOTES:

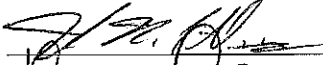
April 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1170.0	0.0	1170.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


April 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
916.0	0.0	916.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

April 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
686.0	0.0	686.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

April 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
525.0	0.0	525.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature] WAINWRIGHT

NOTES:

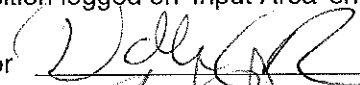
April 14, 2017

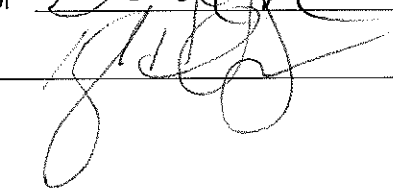
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
452.0	0.0	452.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

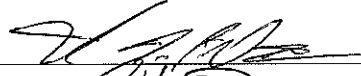
April 15, 2017

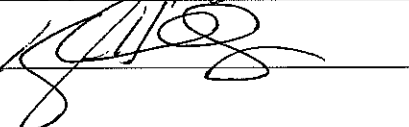
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
393.0	0.0	393.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
346.0	0.0	346.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 
Shift Supervisor 

NOTES:

April 17, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
353.0	0.0	353.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Pount

Shift Supervisor [Signature]

NOTES:

April 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
616.0	0.0	616.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

April 19, 2017

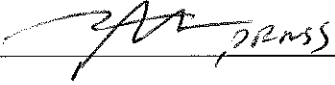
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
437.0	0.0	437.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
400.0	0.0	400.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
543.0	0.0	543.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1470.0	0.0	1470.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

April 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1480.0	0.0	1480.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

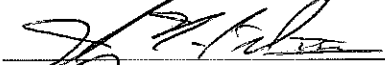
April 24, 2017

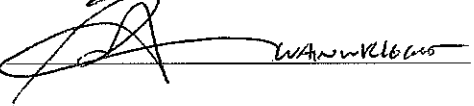
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
783.0	0.0	783.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  W. A. W. Williams

NOTES:

April 25, 2017

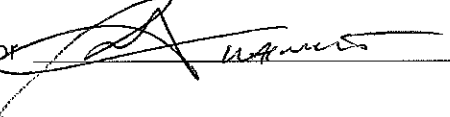
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
696.0	0.0	696.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
606.0	0.0	606.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

April 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
492.0	0.0	492.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

April 28, 2017

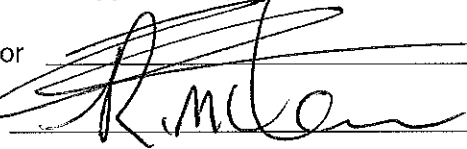
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
437.0	0.0	437.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor 

NOTES:

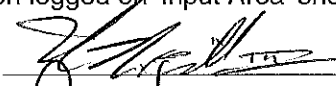
April 29, 2017

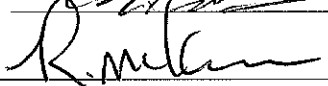
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
400.0	0.0	400.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

April 30, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1320.0	0.0	1320.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

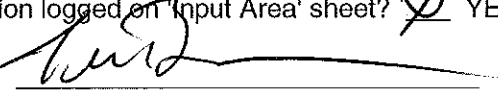
May 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
626.0	0.0	626.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

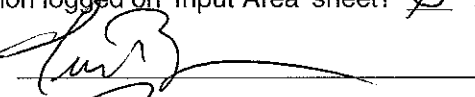
May 2, 2017

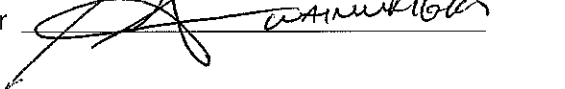
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1330.0	0.0	1330.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

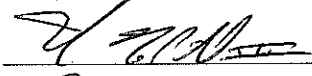
May 3, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
728.0	0.0	728.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

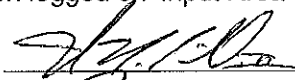
May 4, 2017

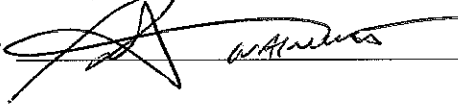
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
588.0	0.0	588.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

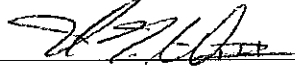
May 5, 2017

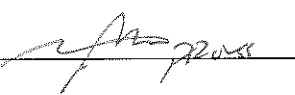
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1270.0	0.0	1270.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2080.0	0.0	2080.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

May 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1770.0	0.0	1770.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

May 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1470.0	0.0	1470.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sarah Parent

Shift Supervisor R. McLean

NOTES:

May 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1060.0	0.0	1060.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McKenna 5/9/17

NOTES:

May 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
806.0	0.0	806.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sandy Parent

Shift Supervisor R. Melan

NOTES:

May 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
616.0	0.0	616.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McKern

NOTES:

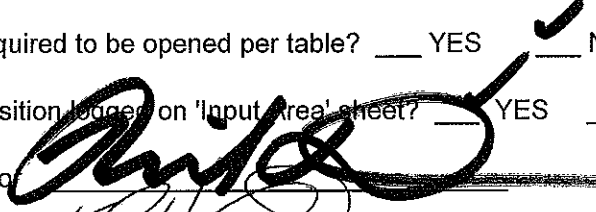
May 12, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1940.0	0.0	1940.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 13, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1450.0	0.0	1450.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator [Signature]

Shift Supervisor [Signature]

NOTES:

May 14, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1570.0	0.0	1570.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

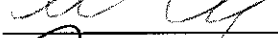
May 15, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
903.0	0.0	903.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
645.0	0.0	645.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 17, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
508.0	0.0	508.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

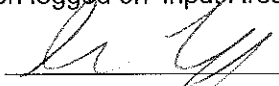
May 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
422.0	0.0	422.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
373.0	0.0	373.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 20, 2017

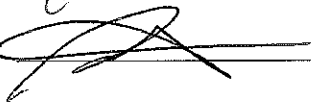
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
326.0	0.0	326.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

May 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
294.0	0.0	294.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

May 22, 2017

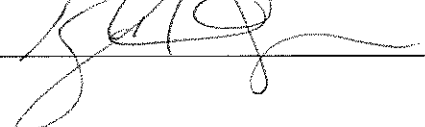
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
265.0	0.0	265.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

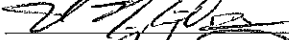
May 23, 2017

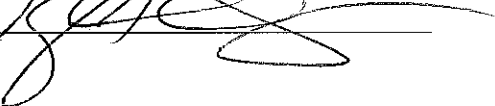
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
259.0	0.0	259.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

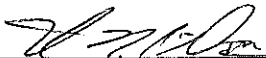
May 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

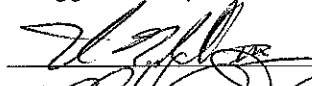
May 25, 2017

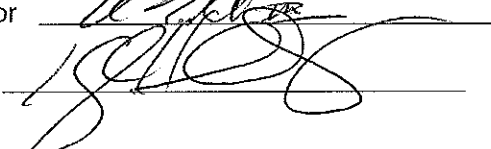
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
319.0	0.0	319.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
916.0	0.0	916.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator MSW

Shift Supervisor [Signature]

NOTES:

May 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
444.0	0.0	444.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator J. M. W.

Shift Supervisor R. M. L.

NOTES:

May 28, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
645.0	0.0	645.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *MSW*

Shift Supervisor *RMB*

NOTES:

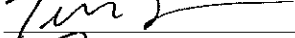
May 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
543.0	0.0	543.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
696.0	0.0	696.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

May 31, 2017

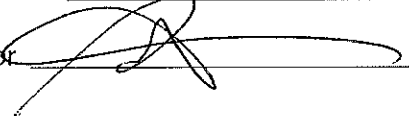
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
468.0	0.0	468.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

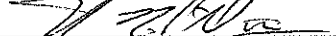
June 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
422.0	0.0	422.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
415.0	0.0	415.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *W. C. Ly*

Shift Supervisor *J. P. R. N. S. S.*

NOTES:

June 3, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
306.0	0.0	306.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

June 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
265.0	0.0	265.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
248.0	0.0	248.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Jay McQuinn*

Shift Supervisor *R. McQuinn*

NOTES:

June 6, 2017

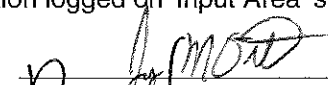
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
248.0	0.0	248.0	0.0	closed

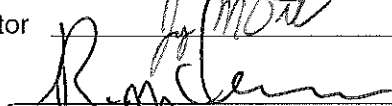
Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator



Shift Supervisor



NOTES:

June 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
222.0	0.0	222.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *J. M. O'Neil*

Shift Supervisor *R. Melan*

NOTES:

June 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
222.0	0.0	222.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Jay McOut*

Shift Supervisor *R. Melan* 6/8/17

NOTES:

June 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
203.0	0.0	203.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

June 10, 2017

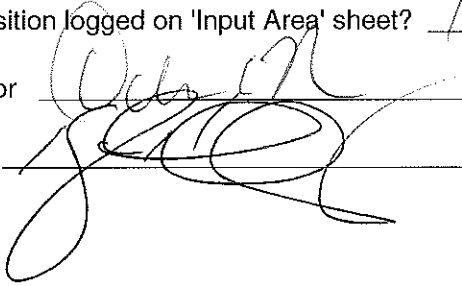
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
180.0	0.0	180.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 11, 2017

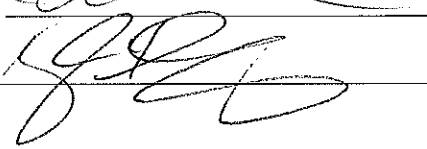
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
160.0	0.0	160.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
141.0	0.0	141.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:


June 13, 2017

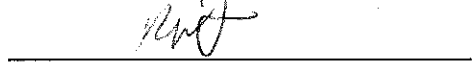
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
134.0	0.0	134.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 15, 2017

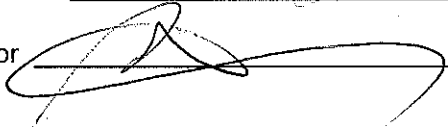
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
118.0	0.0	118.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

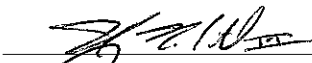
June 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
203.0	0.0	203.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

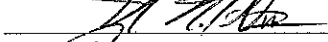
June 17, 2017

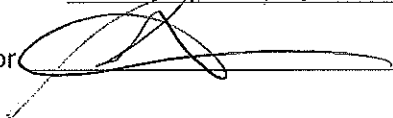
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
276.0	0.0	276.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

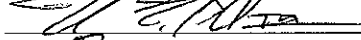
June 18, 2017

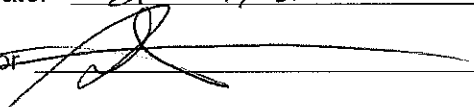
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
243.0	0.0	243.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

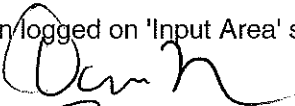
June 19, 2017

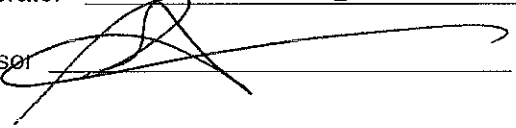
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
207.0	0.0	207.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
400.0	0.0	400.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 21, 2017

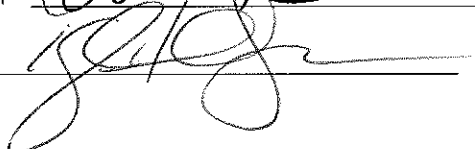
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
232.0	0.0	232.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
168.0	0.0	168.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 23, 2017

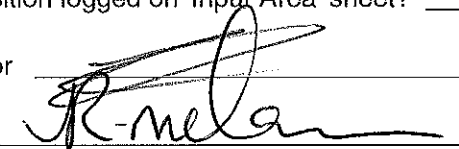
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
189.0	0.0	189.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor 

NOTES:

June 24, 2017

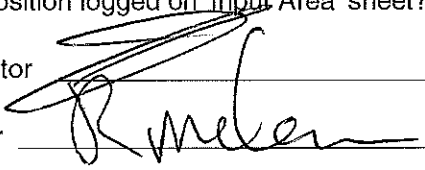
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2090.0	0.0	2090.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor 

NOTES:

June 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1180.0	0.0	1180.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. Melan*

NOTES:

June 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
517.0	0.0	517.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
360.0	0.0	360.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

June 28, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
282.0	0.0	282.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

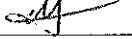
June 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

June 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
189.0	0.0	189.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

July 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
160.0	0.0	160.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:


July 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
152.0	0.0	152.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 3, 2017

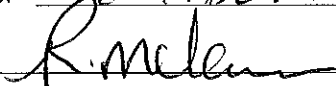
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
127.0	0.0	127.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 4, 2017

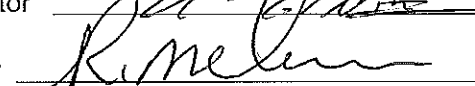
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
118.0	0.0	118.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
106.0	0.0	106.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

July 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
100.0	0.0	100.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. Melan

NOTES:

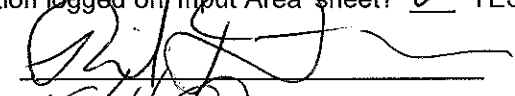
July 7, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO ✓

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 8, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
460.0	0.0	460.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

July 9, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
393.0	0.0	393.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

July 10, 2017

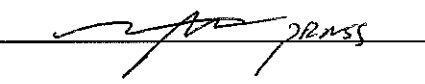
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
248.0	0.0	248.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  JRNS

NOTES:

July 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
243.0	0.0	243.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


July 12, 2017

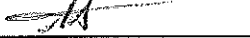
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
270.0	0.0	270.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
282.0	0.0	282.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

July 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
207.0	0.0	207.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Patton

Shift Supervisor [Signature]

NOTES:

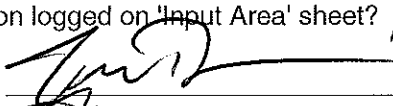
July 15, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1660.0	0.0	1660.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
655.0	0.0	655.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Parker

Shift Supervisor [Signature]

NOTES:

July 17, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
386.0	0.0	386.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

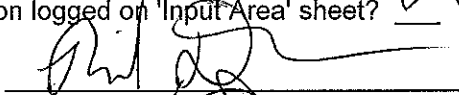
July 18, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
288.0	0.0	288.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

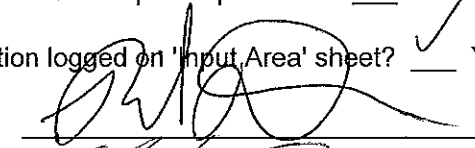
July 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 20, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
198.0	0.0	198.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. Miller*

NOTES:

July 22, 2017

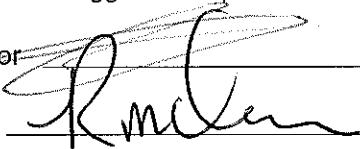
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
156.0	0.0	156.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor 

NOTES:

July 23, 2017

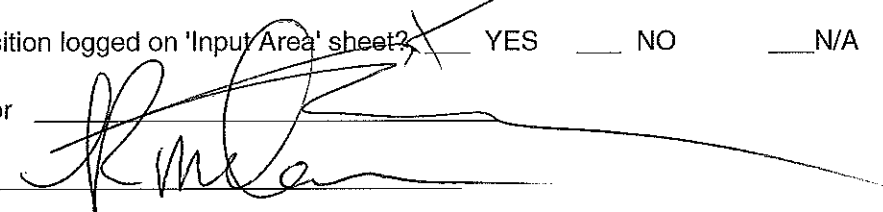
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1470.0	0.0	1470.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor 

NOTES:

July 24, 2017

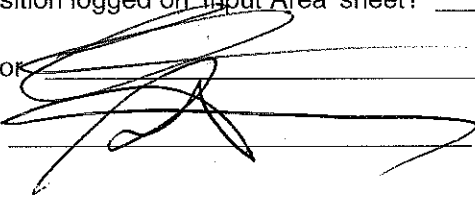
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
954.0	0.0	954.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 25, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
517.0	0.0	517.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 26, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
366.0	0.0	366.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator [Signature]

Shift Supervisor [Signature]

NOTES:

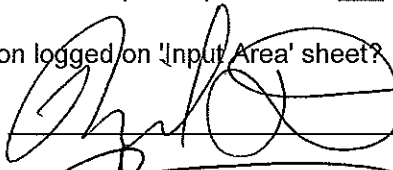
July 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
282.0	0.0	282.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

July 28, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
248.0	0.0	248.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Corliss

Shift Supervisor [Signature]

NOTES:

July 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
4360.0	0.0	4360.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Carli

Shift Supervisor [Signature]

NOTES:

July 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
8640.0	0.0	8640.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Corliss

Shift Supervisor [Signature]

NOTES:

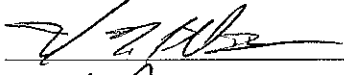
July 31, 2017

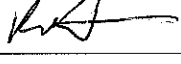
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
2610.0	0.0	2610.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1680.0	0.0	1680.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

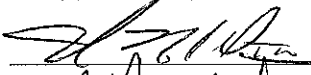
August 2, 2017

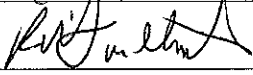
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
675.0	0.0	675.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


August 3, 2017

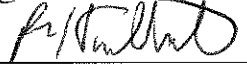
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
492.0	0.0	492.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 4, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
386.0	0.0	386.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

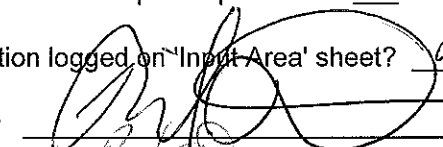
August 5, 2017 ✓


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
916.0	0.0	916.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
476.0	0.0	476.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Carli

Shift Supervisor [Signature]

NOTES:

August 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
353.0	0.0	353.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

August 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
707.0	0.0	707.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John P. Kelly

Shift Supervisor [Signature]

NOTES:

August 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
429.0	0.0	429.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Colitti

Shift Supervisor D. Neal

NOTES:

August 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
0.0	0.0	0.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

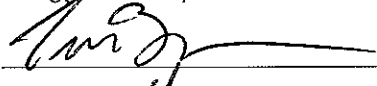
August 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
288.0	0.0	288.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
313.0	0.0	313.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Tom Bz

Shift Supervisor del

NOTES:

August 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
253.0	0.0	253.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:


August 14, 2017 ✓

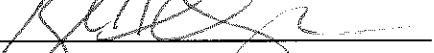
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
212.0	0.0	212.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 15, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
198.0	0.0	198.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 16, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
203.0	0.0	203.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 17, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
168.0	0.0	168.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
626.0	0.0	626.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]* 8/18/17

NOTES:

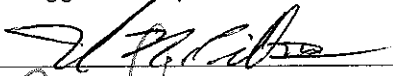
August 19, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
168.0	0.0	168.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

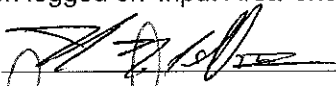
August 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
152.0	0.0	152.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
134.0	0.0	134.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:


August 22, 2017

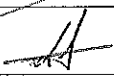
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
109.0	0.0	109.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

August 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
134.0	0.0	134.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Piment

Shift Supervisor [Signature]

NOTES:

August 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
772.0	0.0	772.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor At

NOTES:

August 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
360.0	0.0	360.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Carli

Shift Supervisor [Signature]

NOTES:

August 26, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
259.0	0.0	259.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Cahili

Shift Supervisor [Signature]

NOTES:

August 27, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
207.0	0.0	207.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Coblin

Shift Supervisor [Signature]

NOTES:

August 28, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
168.0	0.0	168.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. Melton

NOTES:

August 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
148.0	0.0	148.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. Melton*

NOTES:

August 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
134.0	0.0	134.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

August 31, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
127.0	0.0	127.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Carter

Shift Supervisor R. Melan

NOTES:

September 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
118.0	0.0	118.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Powell

Shift Supervisor [Signature]

NOTES:

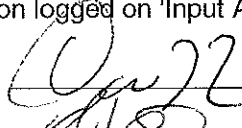
September 2, 2017

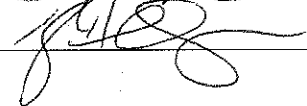
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
121.0	0.0	121.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 3, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
121.0	0.0	121.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
124.0	0.0	124.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Eckles

Shift Supervisor [Signature]

NOTES:

September 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
111.0	0.0	111.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Galli

Shift Supervisor [Signature]

NOTES:

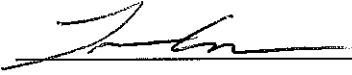
September 6, 2017

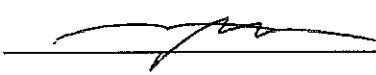
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
326.0	0.0	326.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

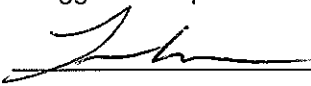
September 7, 2017

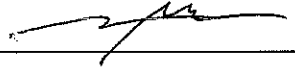
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
332.0	0.0	332.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
243.0	0.0	243.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

September 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
185.0	0.0	185.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Eakin

Shift Supervisor Ruf

NOTES:

September 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor RJF

NOTES:

September 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
131.0	0.0	131.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

September 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
115.0	0.0	115.0	0.0	closed

Bypass valve required to be opened per table? ___ YES NO

Bypass valve position logged on 'Input Area' sheet? YES ___ NO ___ N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
115.0	0.0	115.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

September 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoves Run CFS	Current Bypass valve opening %	Calculated Hoves Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
99.9	0.0	99.9	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:


September 15, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
111.0	0.0	111.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

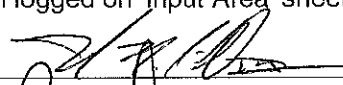
September 16, 2017

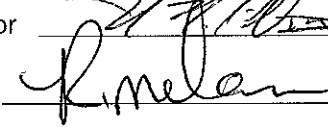
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
103.0	0.0	103.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

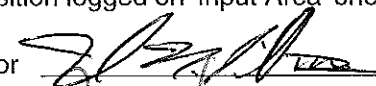
September 17, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
97.2	0.0	97.2	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
84.2	0.0	84.2	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Pappas

Shift Supervisor R. Neal [Signature]

NOTES:

September 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
81.8	0.0	81.8	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Portelli

Shift Supervisor R. Neal Hunt

NOTES:

September 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
79.4	0.0	79.4	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Goodli

Shift Supervisor AA

NOTES:

September 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
81.8	0.0	81.8	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Pohlis

Shift Supervisor [Signature]

NOTES:

September 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
77.1	0.0	77.1	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor  _____

NOTES:

September 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
72.6	0.0	72.6	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Le Uy*

Shift Supervisor *[Signature]*

NOTES:

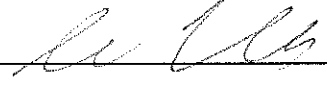
September 24, 2017

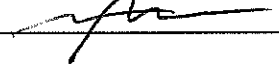
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
64.1	0.0	64.1	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

September 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
56.4	0.0	56.4	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

September 26, 2017

Deep Creek Bypass Valve Operation

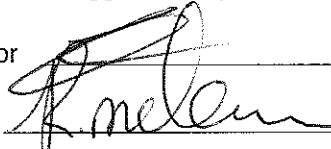
Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
64.1	0.0	64.1	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator

Shift Supervisor

 9/26/17

NOTES:

September 27, 2017

Deep Creek Bypass Valve Operation

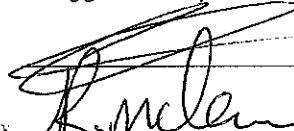
Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
62.1	0.0	62.1	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator

Shift Supervisor


9/27/17

NOTES:

September 28, 2017

Deep Creek Bypass Valve Operation

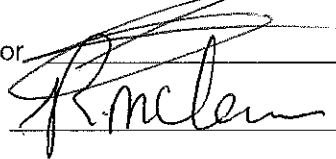
Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
74.8	0.0	74.8	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator

Shift Supervisor

 9/28/17

NOTES:

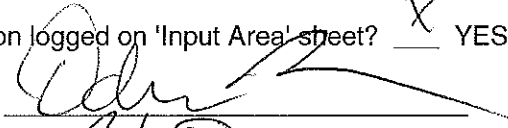
September 29, 2017

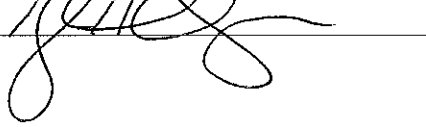
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
51.0	0.0	51.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

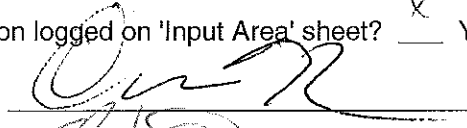
September 30, 2017

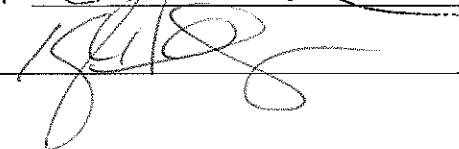
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
51.0	0.0	51.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

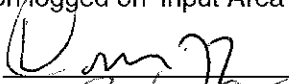
October 1, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
51.0	0.0	51.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
47.6	0.0	47.6	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *K. Melan*

NOTES:

October 3, 2017

Deep Creek Bypass Valve Operation

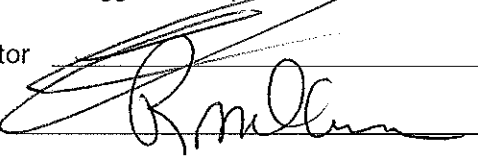
Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
47.6	0.0	47.6	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

 10/3/17

NOTES:

October 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
47.6	0.0	47.6	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

October 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
46.0	0.0	46.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input-Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

October 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
51.0	0.0	51.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Gaffin

Shift Supervisor [Signature]

NOTES:


October 8, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
44.4	0.0	44.4	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 9, 2017

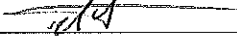
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
49.3	0.0	49.3	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

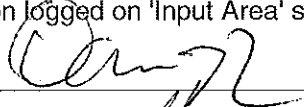
October 10, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
232.0	0.0	232.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

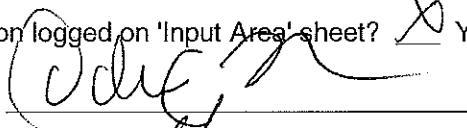
October 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
588.0	0.0	588.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

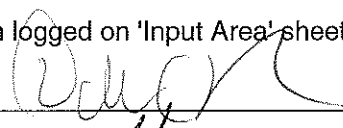
October 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
437.0	0.0	437.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *R. McNamee 10/13/17*

NOTES:

October 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
134.0	0.0	134.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *R. McLean* 10/14/17

NOTES:

October 15, 2017

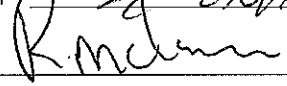
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
106.0	0.0	106.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 16, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
94.5	0.0	94.5	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Pappert

Shift Supervisor R. Milan

NOTES:

October 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
81.8	0.0	81.8	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

October 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
70.4	0.0	70.4	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

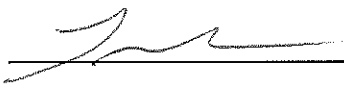
October 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
62.1	0.0	62.1	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


October 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
60.2	0.0	60.2	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

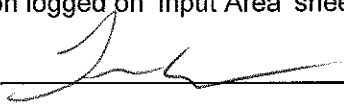
October 22, 2017

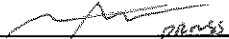
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
56.4	0.0	56.4	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  process

NOTES:

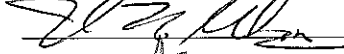
October 23, 2017

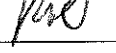
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
54.6	0.0	54.6	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

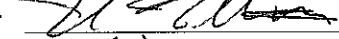
October 24, 2017

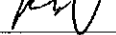
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
156.0	0.0	156.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

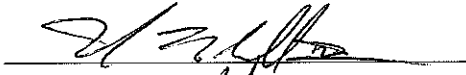
October 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
407.0	0.0	407.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

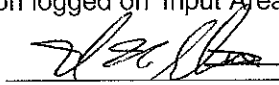
October 26, 2017

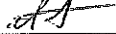
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
222.0	0.0	222.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 27, 2017

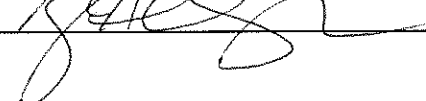
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
172.0	0.0	172.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 28, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
145.0	0.0	145.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator [Signature]

Shift Supervisor [Signature]

NOTES:

October 29, 2017

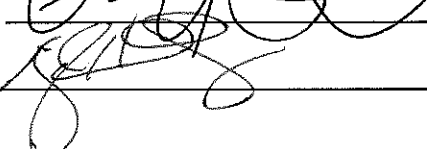
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
138.0	0.0	138.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

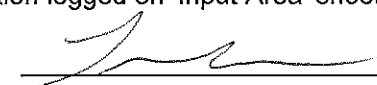
October 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1470.0	0.0	1470.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

October 31, 2017

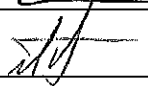
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1230.0	0.0	1230.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

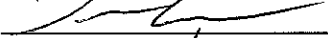
November 1, 2017

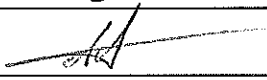
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
890.0	0.0	890.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

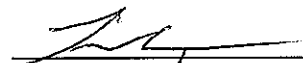
November 2, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1170.0	0.0	1170.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


November 4, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
476.0	0.0	476.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 5, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
415.0	0.0	415.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

November 6, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
366.0	0.0	366.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1770.0	0.0	1770.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1990.0	0.0	1990.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 9, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1230.0	0.0	1230.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator [Signature]

Shift Supervisor [Signature]

NOTES:

November 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
866.0	0.0	866.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *Doug Parent*

Shift Supervisor *[Signature]*

NOTES:

November 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
606.0	0.0	606.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

November 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
500.0	0.0	500.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor [Signature]

NOTES:

November 13, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
407.0	0.0	407.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

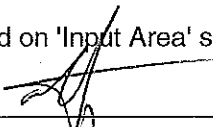
November 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
400.0	0.0	400.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 15, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
332.0	0.0	332.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

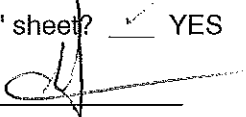
November 16, 2017

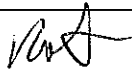
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
294.0	0.0	294.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____ 

Shift Supervisor _____ 

NOTES:

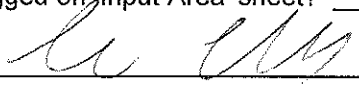
November 17, 2017

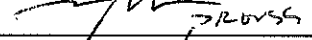
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
288.0	0.0	288.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  PROSS

NOTES:

November 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
237.0	0.0	237.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]* *PROXS*

NOTES:

November 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
578.0	0.0	578.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

November 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1190.0	0.0	1190.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *John Collier*

Shift Supervisor *R. Miller*

NOTES:

November 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
686.0	0.0	686.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator

John Conklin

Shift Supervisor

R. Melan 11/21/17

NOTES:

November 22, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
588.0	0.0	588.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *John Gohli*

Shift Supervisor *R. McLean*

NOTES:

November 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
492.0	0.0	492.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sage Parent

Shift Supervisor R. Miller

NOTES:

November 24, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
429.0	0.0	429.0	0.0	Closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor _____

NOTES:


November 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
366.0	0.0	366.0	0.0	Closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

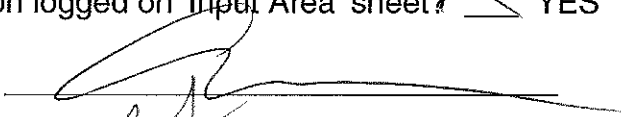
November 26, 2017

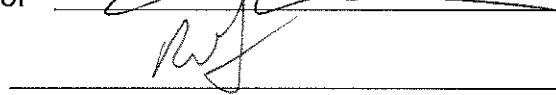
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
332.0	0.0	332.0	0.0	Closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

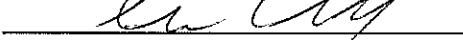
November 27, 2017

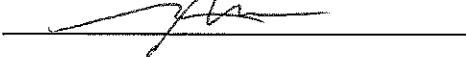
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
288.0	0.0	288.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


November 28, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
243.0	0.0	243.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

November 29, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
232.0	0.0	232.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

November 30, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
207.0	0.0	207.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

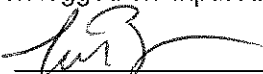
December 1, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
203.0	0.0	203.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 2, 2017

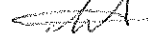
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
207.0	0.0	207.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


December 3, 2017

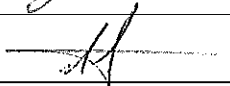
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
180.0	0.0	180.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 4, 2017

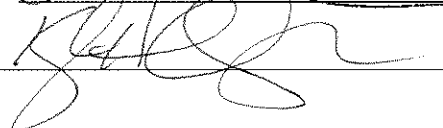
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
168.0	0.0	168.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

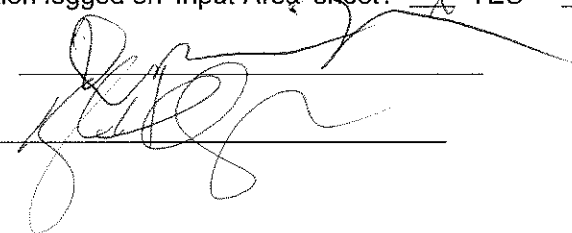
December 5, 2017

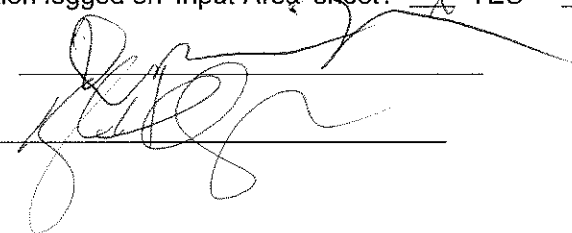
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


December 6, 2017

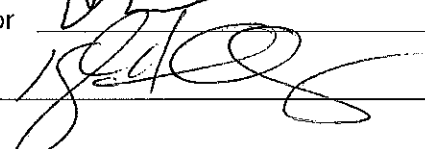
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 7, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 8, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
189.0	0.0	189.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator *[Signature]*

Shift Supervisor *[Signature]*

NOTES:

December 9, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Esteban

Shift Supervisor R. Melton

NOTES:

December 10, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McNamee

NOTES:

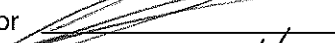
December 11, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
145.0	0.0	145.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

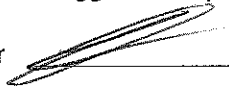
December 12, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
148.0	0.0	148.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator  _____

Shift Supervisor  _____

NOTES:

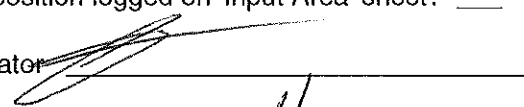
December 13, 2017

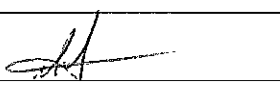
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
138.0	0.0	138.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

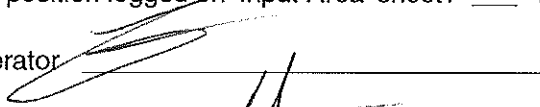
December 14, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
172.0	0.0	172.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

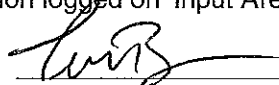
December 15, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
156.0	0.0	156.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:


December 16, 2017

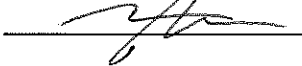
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
148.0	0.0	148.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

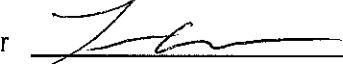
December 17, 2017

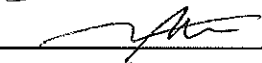
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
172.0	0.0	172.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 18, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
131.0	0.0	131.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

Shift Supervisor *R. McLean*

NOTES:

December 19, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
164.0	0.0	164.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McKen

NOTES:

December 20, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
346.0	0.0	346.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McKenna

NOTES:

December 21, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
282.0	0.0	282.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator Sara Parent

Shift Supervisor R. McKenna

NOTES:


December 22, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
232.0	0.0	232.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 23, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator John Robinson

Shift Supervisor [Signature]

NOTES:

December 24, 2017 ✓

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
1230.0	0.0	1230.0	0.0	closed

Bypass valve required to be opened per table? ___ YES ✓ NO

Bypass valve position logged on "Input Area" sheet? ___ YES ___ NO ___ N/A

Regional Operator _____

Shift Supervisor _____

NOTES:

December 25, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
707.0	0.0	707.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 26, 2017

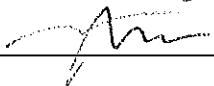
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
534.0	0.0	534.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor  P121035

NOTES:

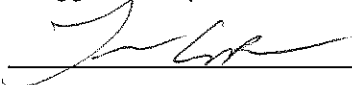
December 27, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
460.0	0.0	460.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

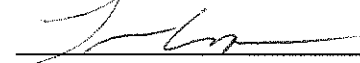
December 28, 2017

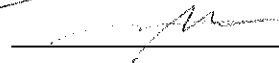
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
227.0	0.0	227.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 29, 2017


Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
393.0	0.0	393.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

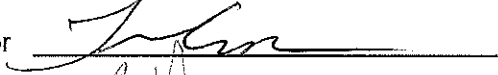
December 30, 2017

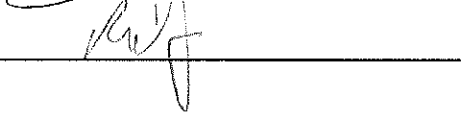
Deep Creek Bypass Valve Operation

Current River Flow at Hoyes Run CFS	Current Bypass valve opening %	Calculated Hoyes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
313.0	0.0	313.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator 

Shift Supervisor 

NOTES:

December 31, 2017

Deep Creek Bypass Valve Operation

Current River Flow at Hayes Run CFS	Current Bypass valve opening %	Calculated Hayes Run Flow CFS	Bypass Flow Required CFS	Bypass Valve % Open
296.0	0.0	296.0	0.0	closed

Bypass valve required to be opened per table? YES NO

Bypass valve position logged on 'Input Area' sheet? YES NO N/A

Regional Operator _____

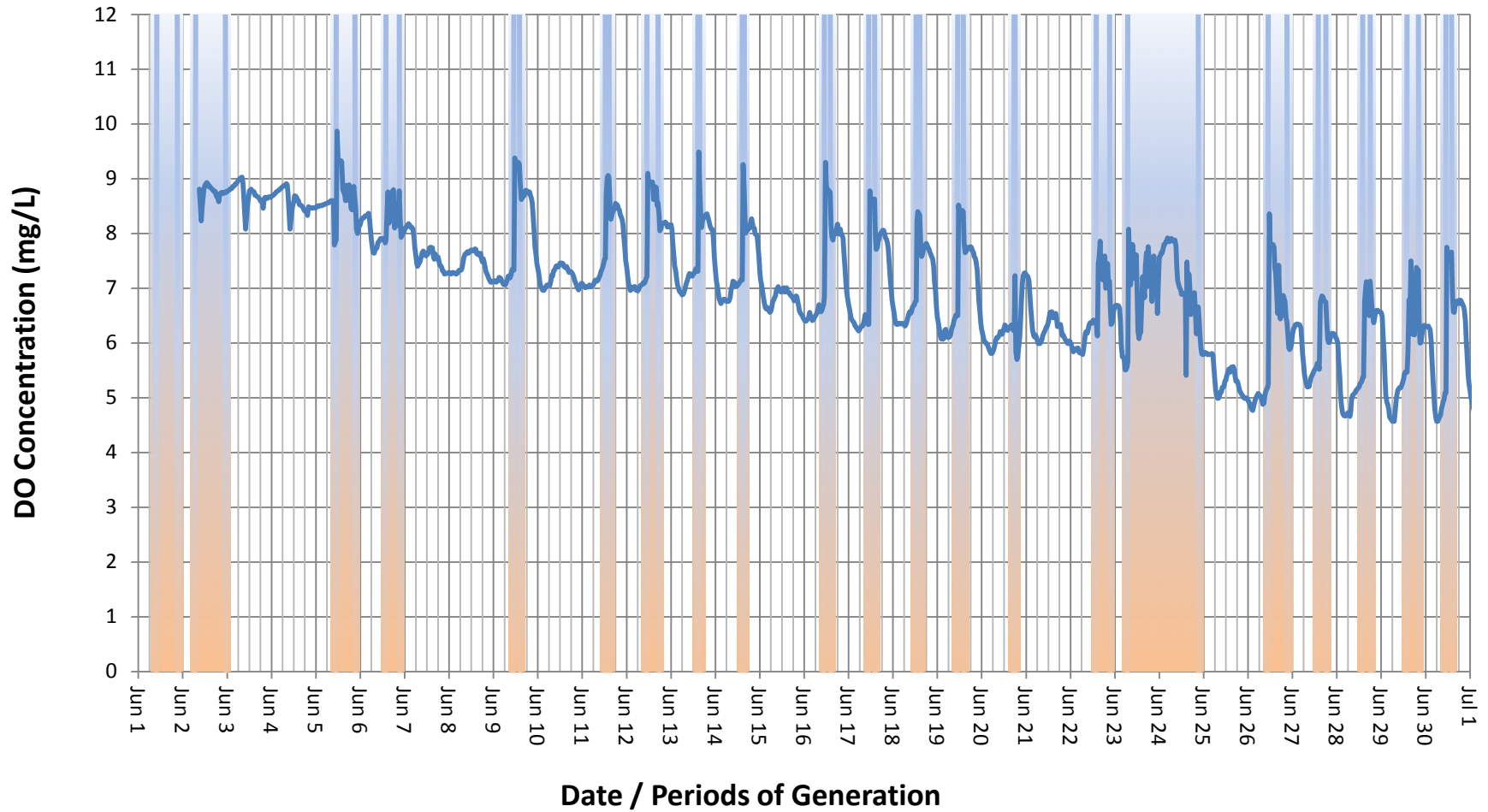
Shift Supervisor _____

NOTES:

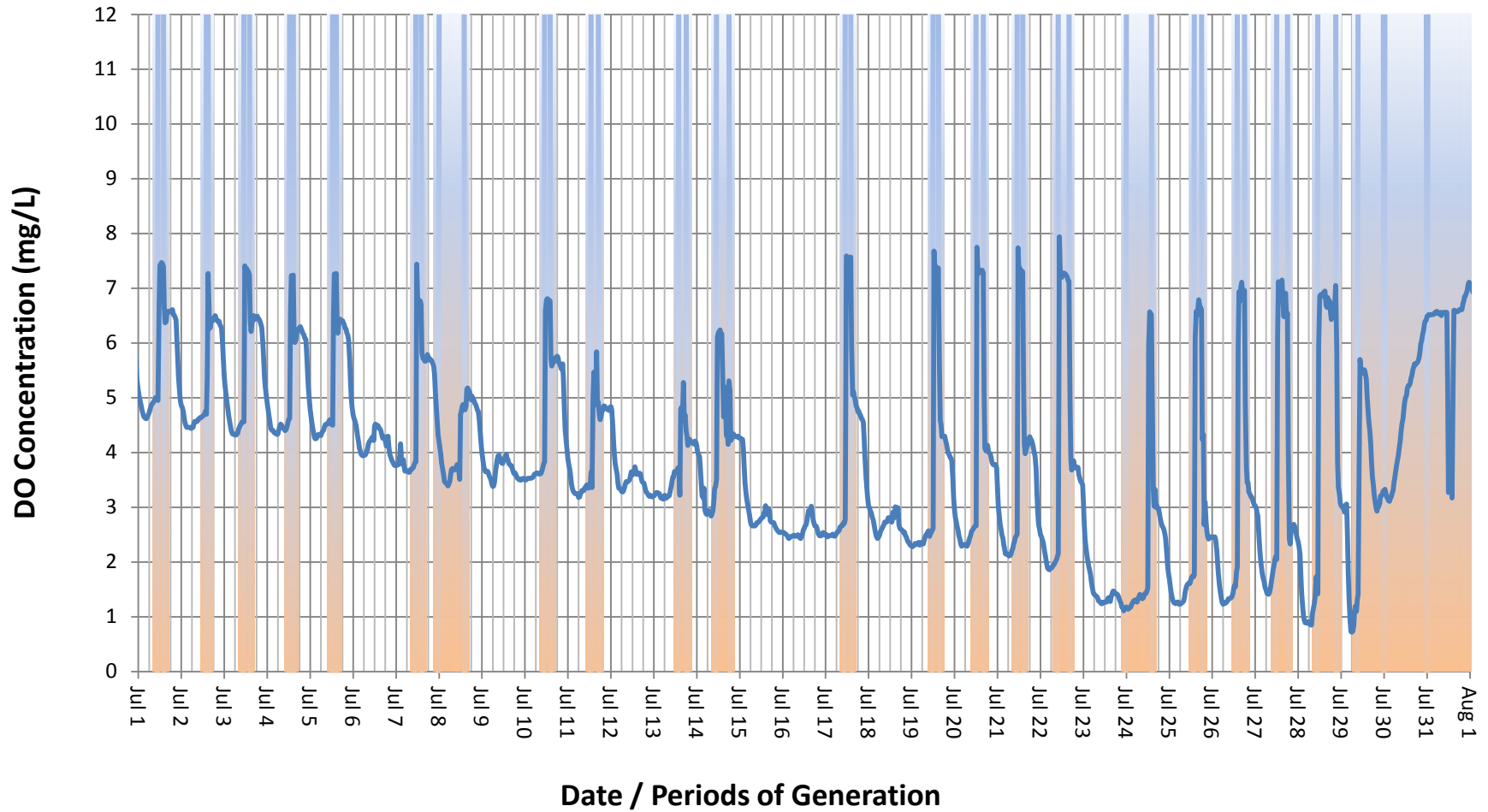
APPENDIX D

- 2017 Dissolved Oxygen Data & Generation Graphs
- 2017 Dissolved Oxygen Concentrations Collected below the Deep Creek Station Tailrace

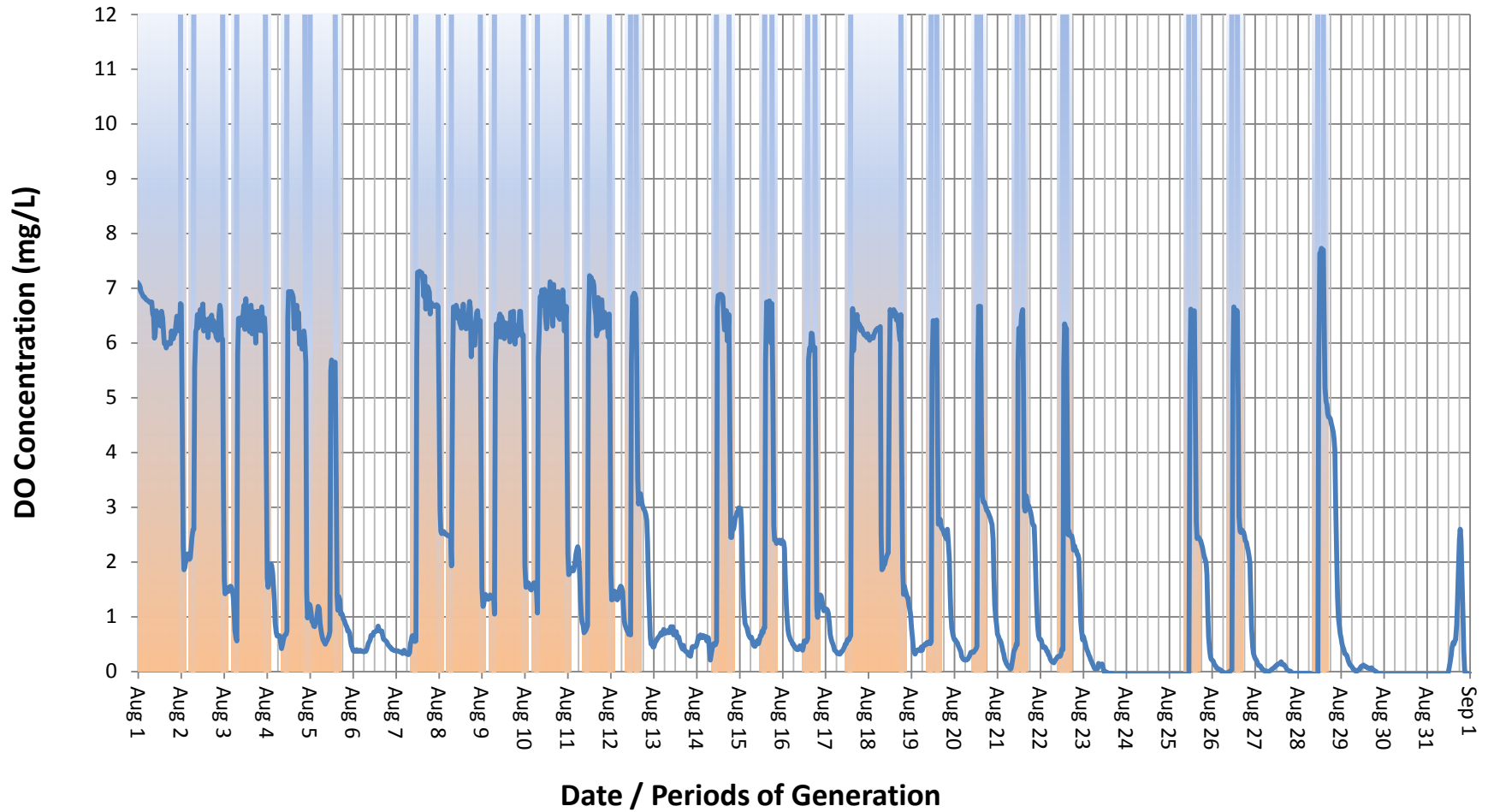
Dissolved Oxygen Concentrations Measured in the Tailrace – June 2017



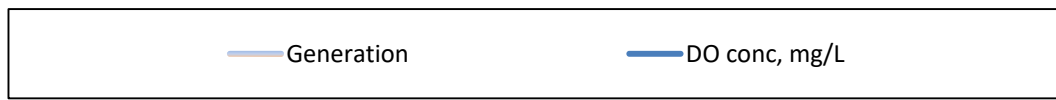
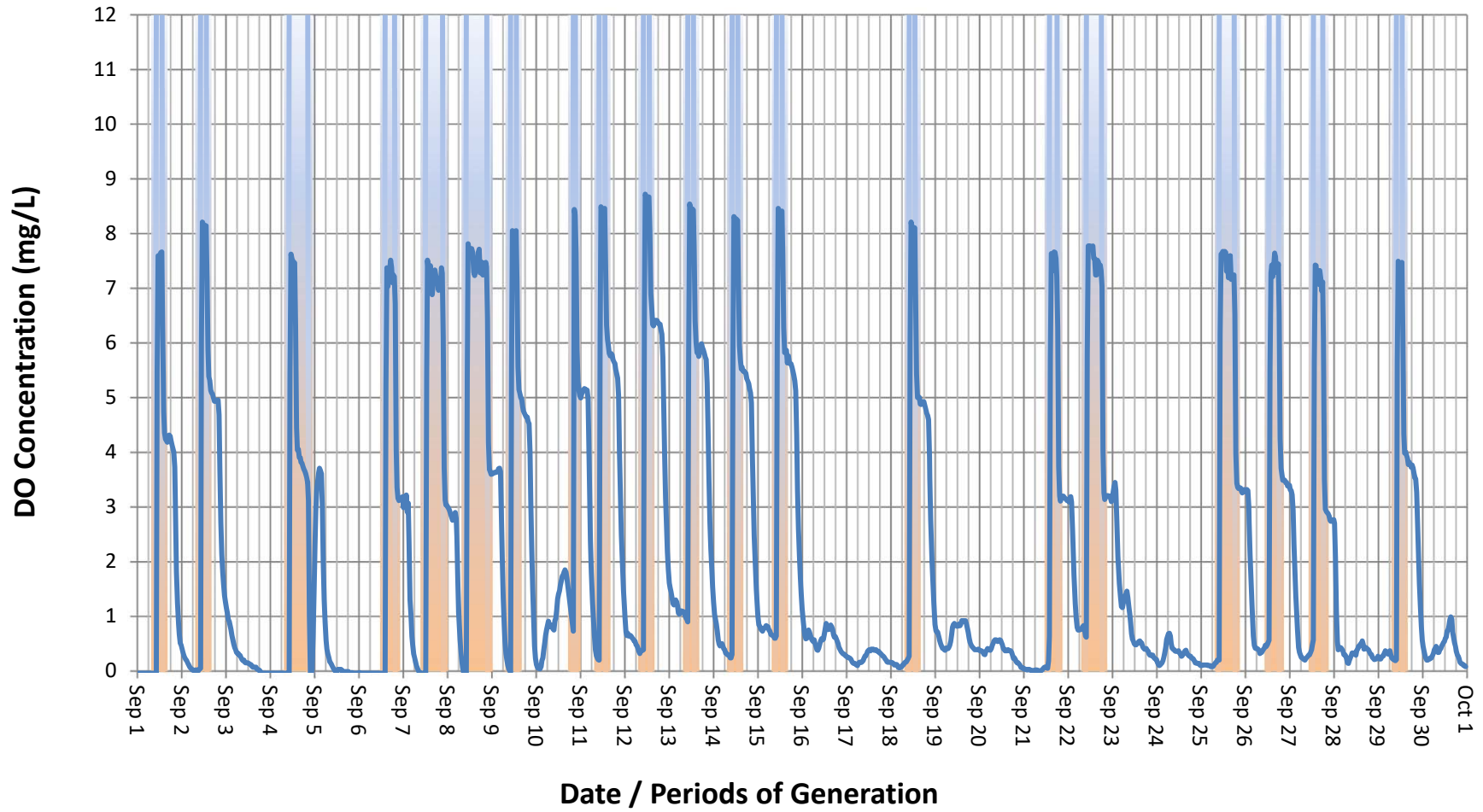
Dissolved Oxygen Concentrations Measured in the Tailrace – July 2017



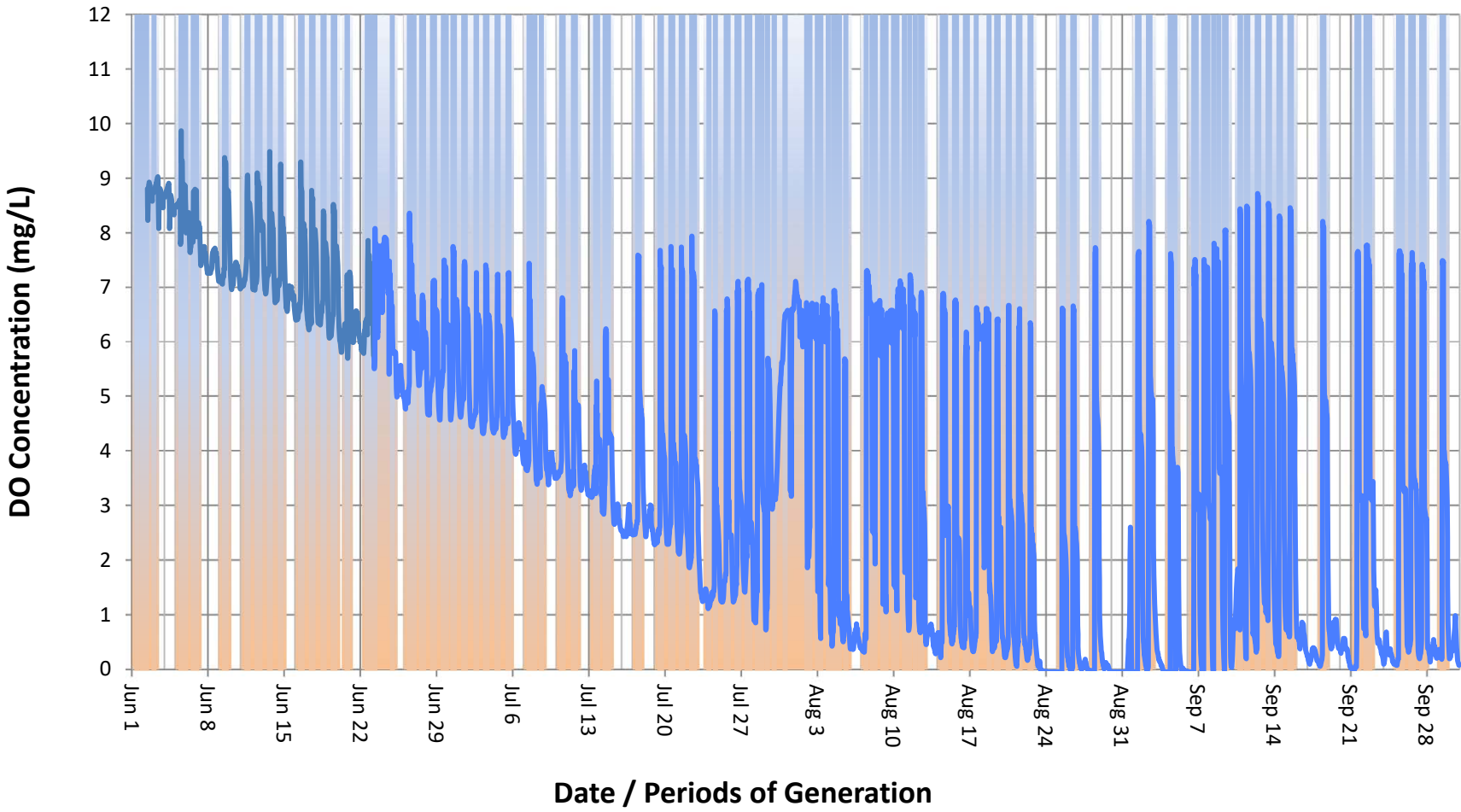
Dissolved Oxygen Concentrations Measured in the Tailrace – August 2017



Dissolved Oxygen Concentrations Measured in the Tailrace – September 2017



Dissolved Oxygen Concentrations Measured in the Tailrace – June to September 2017



Date	DO (mg/L)	Temp (°C)
6/2/2017 8:46	8.81	21.20
6/2/2017 9:16	8.50	22.98
6/2/2017 9:46	8.23	25.54
6/2/2017 10:16	8.47	25.44
6/2/2017 10:46	8.67	25.22
6/2/2017 11:16	8.82	24.86
6/2/2017 11:46	8.89	24.46
6/2/2017 12:16	8.90	24.16
6/2/2017 12:46	8.93	23.86
6/2/2017 13:16	8.91	23.66
6/2/2017 13:46	8.86	23.58
6/2/2017 14:16	8.87	23.46
6/2/2017 14:46	8.84	23.38
6/2/2017 15:16	8.82	23.40
6/2/2017 15:46	8.81	23.40
6/2/2017 16:16	8.78	23.44
6/2/2017 16:46	8.77	23.44
6/2/2017 17:16	8.77	23.48
6/2/2017 17:46	8.70	23.64
6/2/2017 18:16	8.67	23.82
6/2/2017 18:46	8.64	24.70
6/2/2017 19:16	8.58	24.60
6/2/2017 19:46	8.73	24.40
6/2/2017 20:16	8.73	24.14
6/2/2017 20:46	8.75	23.80
6/2/2017 21:16	8.75	23.46
6/2/2017 21:46	8.73	23.12
6/2/2017 22:16	8.75	22.78
6/2/2017 22:46	8.76	22.44
6/2/2017 23:16	8.75	22.12
6/2/2017 23:46	8.77	21.82
6/3/2017 0:16	8.78	21.54
6/3/2017 0:46	8.79	21.26
6/3/2017 1:16	8.81	21.00
6/3/2017 1:46	8.82	20.74
6/3/2017 2:16	8.82	20.50
6/3/2017 2:46	8.86	20.24
6/3/2017 3:16	8.86	20.00
6/3/2017 3:46	8.88	19.80
6/3/2017 4:16	8.91	19.58
6/3/2017 4:46	8.91	19.38
6/3/2017 5:16	8.94	19.18
6/3/2017 5:46	8.97	19.00

Date	DO (mg/L)	Temp (°C)
6/3/2017 6:16	8.98	18.80
6/3/2017 6:46	9.01	18.66
6/3/2017 7:16	9.02	18.58
6/3/2017 7:46	9.03	18.72
6/3/2017 8:16	8.94	19.32
6/3/2017 8:46	8.71	20.78
6/3/2017 9:16	8.34	23.40
6/3/2017 9:46	8.08	25.98
6/3/2017 10:16	8.34	25.88
6/3/2017 10:46	8.52	25.68
6/3/2017 11:16	8.63	25.34
6/3/2017 11:46	8.78	25.00
6/3/2017 12:16	8.78	24.72
6/3/2017 12:46	8.81	24.52
6/3/2017 13:16	8.78	24.34
6/3/2017 13:46	8.77	24.22
6/3/2017 14:16	8.76	24.16
6/3/2017 14:46	8.70	24.10
6/3/2017 15:16	8.70	24.08
6/3/2017 15:46	8.68	24.10
6/3/2017 16:16	8.67	24.16
6/3/2017 16:46	8.66	24.16
6/3/2017 17:16	8.63	24.20
6/3/2017 17:46	8.60	24.30
6/3/2017 18:16	8.58	24.38
6/3/2017 18:46	8.58	25.14
6/3/2017 19:16	8.46	25.06
6/3/2017 19:46	8.64	24.90
6/3/2017 20:16	8.66	24.64
6/3/2017 20:46	8.66	24.32
6/3/2017 21:16	8.64	24.00
6/3/2017 21:46	8.66	23.66
6/3/2017 22:16	8.67	23.30
6/3/2017 22:46	8.66	22.98
6/3/2017 23:16	8.66	22.66
6/3/2017 23:46	8.68	22.36
6/4/2017 0:16	8.69	22.08
6/4/2017 0:46	8.70	21.80
6/4/2017 1:16	8.72	21.56
6/4/2017 1:46	8.73	21.30
6/4/2017 2:16	8.76	21.08
6/4/2017 2:46	8.77	20.86
6/4/2017 3:16	8.78	20.64

Date	DO (mg/L)	Temp (°C)
6/4/2017 3:46	8.79	20.46
6/4/2017 4:16	8.81	20.30
6/4/2017 4:46	8.82	20.14
6/4/2017 5:16	8.84	20.00
6/4/2017 5:46	8.86	19.84
6/4/2017 6:16	8.87	19.74
6/4/2017 6:46	8.87	19.66
6/4/2017 7:16	8.89	19.72
6/4/2017 7:46	8.91	19.84
6/4/2017 8:16	8.89	20.06
6/4/2017 8:46	8.73	20.88
6/4/2017 9:16	8.35	23.50
6/4/2017 9:46	8.08	26.06
6/4/2017 10:16	8.26	26.16
6/4/2017 10:46	8.42	26.12
6/4/2017 11:16	8.51	25.92
6/4/2017 11:46	8.58	25.66
6/4/2017 12:16	8.69	25.46
6/4/2017 12:46	8.68	25.32
6/4/2017 13:16	8.66	25.28
6/4/2017 13:46	8.62	25.30
6/4/2017 14:16	8.60	25.30
6/4/2017 14:46	8.53	25.32
6/4/2017 15:16	8.52	25.30
6/4/2017 15:46	8.51	25.30
6/4/2017 16:16	8.50	25.32
6/4/2017 16:46	8.47	25.38
6/4/2017 17:16	8.43	25.48
6/4/2017 17:46	8.41	25.60
6/4/2017 18:16	8.40	25.72
6/4/2017 18:46	8.43	26.32
6/4/2017 19:16	8.33	26.22
6/4/2017 19:46	8.49	26.04
6/4/2017 20:16	8.47	25.80
6/4/2017 20:46	8.47	25.52
6/4/2017 21:16	8.47	25.24
6/4/2017 21:46	8.46	24.94
6/4/2017 22:16	8.47	24.64
6/4/2017 22:46	8.47	24.32
6/4/2017 23:16	8.47	24.04
6/4/2017 23:46	8.47	23.76
6/5/2017 0:16	8.50	23.48
6/5/2017 0:46	8.50	23.28

Date	DO (mg/L)	Temp (°C)
6/5/2017 1:16	8.51	23.10
6/5/2017 1:46	8.50	22.96
6/5/2017 2:16	8.51	22.86
6/5/2017 2:46	8.51	22.76
6/5/2017 3:16	8.51	22.68
6/5/2017 3:46	8.53	22.60
6/5/2017 4:16	8.53	22.52
6/5/2017 4:46	8.54	22.46
6/5/2017 5:16	8.55	22.40
6/5/2017 5:46	8.55	22.32
6/5/2017 6:16	8.56	22.26
6/5/2017 6:46	8.56	22.20
6/5/2017 7:16	8.58	22.16
6/5/2017 7:46	8.60	22.12
6/5/2017 8:16	8.60	22.14
6/5/2017 8:46	8.60	22.18
6/5/2017 9:16	8.58	22.30
6/5/2017 9:46	7.79	13.48
6/5/2017 10:16	7.85	13.10
6/5/2017 10:46	7.88	13.08
6/5/2017 11:16	9.87	13.64
6/5/2017 11:46	9.31	15.12
6/5/2017 12:16	9.31	15.18
6/5/2017 12:46	9.32	15.24
6/5/2017 13:16	9.33	15.24
6/5/2017 13:46	9.31	15.22
6/5/2017 14:16	8.80	15.26
6/5/2017 14:46	8.76	14.44
6/5/2017 15:16	8.71	14.58
6/5/2017 15:46	8.60	14.80
6/5/2017 16:16	8.88	14.70
6/5/2017 16:46	8.86	15.08
6/5/2017 17:16	8.61	14.48
6/5/2017 17:46	8.89	15.00
6/5/2017 18:16	8.72	14.70
6/5/2017 18:46	8.46	14.50
6/5/2017 19:16	8.43	14.36
6/5/2017 19:46	8.72	14.52
6/5/2017 20:16	8.86	14.96
6/5/2017 20:46	8.63	14.68
6/5/2017 21:16	8.47	14.58
6/5/2017 21:46	8.08	14.74
6/5/2017 22:16	8.00	15.08

Date	DO (mg/L)	Temp (°C)
6/5/2017 22:46	8.11	15.20
6/5/2017 23:16	8.14	15.26
6/5/2017 23:46	8.17	15.30
6/6/2017 0:16	8.24	15.34
6/6/2017 0:46	8.28	15.34
6/6/2017 1:16	8.28	15.32
6/6/2017 1:46	8.29	15.30
6/6/2017 2:16	8.32	15.26
6/6/2017 2:46	8.32	15.26
6/6/2017 3:16	8.33	15.28
6/6/2017 3:46	8.35	15.32
6/6/2017 4:16	8.37	15.34
6/6/2017 4:46	8.24	15.22
6/6/2017 5:16	8.07	14.90
6/6/2017 5:46	7.90	14.52
6/6/2017 6:16	7.74	14.18
6/6/2017 6:46	7.65	13.88
6/6/2017 7:16	7.64	13.66
6/6/2017 7:46	7.71	13.52
6/6/2017 8:16	7.72	13.42
6/6/2017 8:46	7.74	13.36
6/6/2017 9:16	7.83	13.36
6/6/2017 9:46	7.85	13.38
6/6/2017 10:16	7.88	13.40
6/6/2017 10:46	7.91	13.50
6/6/2017 11:16	7.89	13.48
6/6/2017 11:46	7.90	13.50
6/6/2017 12:16	7.91	13.52
6/6/2017 12:46	7.90	13.48
6/6/2017 13:16	7.83	13.40
6/6/2017 13:46	7.89	13.42
6/6/2017 14:16	8.44	12.40
6/6/2017 14:46	8.76	15.02
6/6/2017 15:16	8.19	14.36
6/6/2017 15:46	8.26	14.28
6/6/2017 16:16	8.31	14.16
6/6/2017 16:46	8.49	14.24
6/6/2017 17:16	8.78	14.70
6/6/2017 17:46	8.80	14.70
6/6/2017 18:16	8.10	14.40
6/6/2017 18:46	8.19	14.06
6/6/2017 19:16	8.14	14.06
6/6/2017 19:46	8.40	14.30

Date	DO (mg/L)	Temp (°C)
6/6/2017 20:16	8.31	14.30
6/6/2017 20:46	8.78	14.68
6/6/2017 21:16	8.32	14.82
6/6/2017 21:46	7.93	15.00
6/6/2017 22:16	7.97	15.26
6/6/2017 22:46	8.00	15.28
6/6/2017 23:16	8.02	15.28
6/6/2017 23:46	8.07	15.28
6/7/2017 0:16	8.11	15.28
6/7/2017 0:46	8.12	15.28
6/7/2017 1:16	8.15	15.26
6/7/2017 1:46	8.18	15.24
6/7/2017 2:16	8.16	15.22
6/7/2017 2:46	8.14	15.18
6/7/2017 3:16	8.10	15.12
6/7/2017 3:46	8.11	15.06
6/7/2017 4:16	8.08	15.00
6/7/2017 4:46	7.93	14.86
6/7/2017 5:16	7.74	14.52
6/7/2017 5:46	7.59	14.16
6/7/2017 6:16	7.46	13.84
6/7/2017 6:46	7.40	13.58
6/7/2017 7:16	7.45	13.42
6/7/2017 7:46	7.46	13.30
6/7/2017 8:16	7.51	13.22
6/7/2017 8:46	7.59	13.18
6/7/2017 9:16	7.65	13.18
6/7/2017 9:46	7.68	13.20
6/7/2017 10:16	7.64	13.16
6/7/2017 10:46	7.61	13.12
6/7/2017 11:16	7.59	13.10
6/7/2017 11:46	7.64	13.12
6/7/2017 12:16	7.62	13.12
6/7/2017 12:46	7.67	13.18
6/7/2017 13:16	7.74	13.24
6/7/2017 13:46	7.75	13.26
6/7/2017 14:16	7.73	13.30
6/7/2017 14:46	7.74	13.28
6/7/2017 15:16	7.59	13.16
6/7/2017 15:46	7.53	13.10
6/7/2017 16:16	7.63	13.12
6/7/2017 16:46	7.54	13.12
6/7/2017 17:16	7.54	13.12

Date	DO (mg/L)	Temp (°C)
6/7/2017 17:46	7.57	13.12
6/7/2017 18:16	7.50	13.10
6/7/2017 18:46	7.42	13.12
6/7/2017 19:16	7.41	13.12
6/7/2017 19:46	7.38	13.12
6/7/2017 20:16	7.32	13.12
6/7/2017 20:46	7.31	13.12
6/7/2017 21:16	7.26	13.14
6/7/2017 21:46	7.27	13.14
6/7/2017 22:16	7.27	13.12
6/7/2017 22:46	7.27	13.12
6/7/2017 23:16	7.28	13.14
6/7/2017 23:46	7.29	13.16
6/8/2017 0:16	7.28	13.14
6/8/2017 0:46	7.26	13.14
6/8/2017 1:16	7.27	13.16
6/8/2017 1:46	7.29	13.22
6/8/2017 2:16	7.28	13.26
6/8/2017 2:46	7.28	13.24
6/8/2017 3:16	7.26	13.24
6/8/2017 3:46	7.26	13.24
6/8/2017 4:16	7.28	13.26
6/8/2017 4:46	7.31	13.36
6/8/2017 5:16	7.33	13.46
6/8/2017 5:46	7.33	13.54
6/8/2017 6:16	7.33	13.54
6/8/2017 6:46	7.36	13.50
6/8/2017 7:16	7.47	13.46
6/8/2017 7:46	7.56	13.44
6/8/2017 8:16	7.62	13.40
6/8/2017 8:46	7.63	13.36
6/8/2017 9:16	7.65	13.36
6/8/2017 9:46	7.67	13.36
6/8/2017 10:16	7.64	13.36
6/8/2017 10:46	7.66	13.40
6/8/2017 11:16	7.68	13.46
6/8/2017 11:46	7.70	13.50
6/8/2017 12:16	7.68	13.62
6/8/2017 12:46	7.68	13.68
6/8/2017 13:16	7.70	13.64
6/8/2017 13:46	7.72	13.62
6/8/2017 14:16	7.71	13.74
6/8/2017 14:46	7.63	13.74

Date	DO (mg/L)	Temp (°C)
6/8/2017 15:16	7.64	13.76
6/8/2017 15:46	7.61	13.82
6/8/2017 16:16	7.61	13.74
6/8/2017 16:46	7.64	13.60
6/8/2017 17:16	7.54	13.46
6/8/2017 17:46	7.48	13.38
6/8/2017 18:16	7.54	13.38
6/8/2017 18:46	7.48	13.34
6/8/2017 19:16	7.38	13.32
6/8/2017 19:46	7.30	13.28
6/8/2017 20:16	7.26	13.26
6/8/2017 20:46	7.22	13.22
6/8/2017 21:16	7.18	13.20
6/8/2017 21:46	7.14	13.20
6/8/2017 22:16	7.11	13.16
6/8/2017 22:46	7.11	13.14
6/8/2017 23:16	7.12	13.14
6/8/2017 23:46	7.12	13.18
6/9/2017 0:16	7.14	13.20
6/9/2017 0:46	7.13	13.20
6/9/2017 1:16	7.11	13.18
6/9/2017 1:46	7.13	13.18
6/9/2017 2:16	7.14	13.22
6/9/2017 2:46	7.20	13.24
6/9/2017 3:16	7.16	13.26
6/9/2017 3:46	7.18	13.24
6/9/2017 4:16	7.12	13.18
6/9/2017 4:46	7.11	13.14
6/9/2017 5:16	7.07	13.12
6/9/2017 5:46	7.07	13.12
6/9/2017 6:16	7.06	13.14
6/9/2017 6:46	7.12	13.14
6/9/2017 7:16	7.16	13.14
6/9/2017 7:46	7.22	13.12
6/9/2017 8:16	7.23	13.08
6/9/2017 8:46	7.19	13.02
6/9/2017 9:16	7.24	13.06
6/9/2017 9:46	7.33	13.12
6/9/2017 10:16	7.36	13.14
6/9/2017 10:46	7.33	13.14
6/9/2017 11:16	9.38	13.04
6/9/2017 11:46	9.24	15.74
6/9/2017 12:16	9.24	15.76

Date	DO (mg/L)	Temp (°C)
6/9/2017 12:46	9.28	15.80
6/9/2017 13:16	9.30	15.78
6/9/2017 13:46	9.26	15.76
6/9/2017 14:16	8.91	15.84
6/9/2017 14:46	8.62	16.46
6/9/2017 15:16	8.66	16.88
6/9/2017 15:46	8.67	16.82
6/9/2017 16:16	8.69	16.84
6/9/2017 16:46	8.75	16.58
6/9/2017 17:16	8.79	16.44
6/9/2017 17:46	8.78	16.36
6/9/2017 18:16	8.76	16.32
6/9/2017 18:46	8.73	16.28
6/9/2017 19:16	8.76	16.24
6/9/2017 19:46	8.70	16.20
6/9/2017 20:16	8.64	16.16
6/9/2017 20:46	8.55	16.12
6/9/2017 21:16	8.33	15.94
6/9/2017 21:46	8.01	15.48
6/9/2017 22:16	7.75	15.00
6/9/2017 22:46	7.59	14.56
6/9/2017 23:16	7.44	14.24
6/9/2017 23:46	7.37	13.98
6/10/2017 0:16	7.26	13.76
6/10/2017 0:46	7.13	13.52
6/10/2017 1:16	7.05	13.34
6/10/2017 1:46	7.01	13.22
6/10/2017 2:16	6.97	13.14
6/10/2017 2:46	6.96	13.08
6/10/2017 3:16	6.97	13.08
6/10/2017 3:46	7.01	13.12
6/10/2017 4:16	7.04	13.14
6/10/2017 4:46	7.06	13.16
6/10/2017 5:16	7.06	13.18
6/10/2017 5:46	7.05	13.18
6/10/2017 6:16	7.05	13.18
6/10/2017 6:46	7.14	13.20
6/10/2017 7:16	7.24	13.20
6/10/2017 7:46	7.22	13.24
6/10/2017 8:16	7.32	13.24
6/10/2017 8:46	7.33	13.22
6/10/2017 9:16	7.38	13.24
6/10/2017 9:46	7.41	13.26

Date	DO (mg/L)	Temp (°C)
6/10/2017 10:16	7.39	13.22
6/10/2017 10:46	7.39	13.28
6/10/2017 11:16	7.42	13.32
6/10/2017 11:46	7.46	13.38
6/10/2017 12:16	7.46	13.44
6/10/2017 12:46	7.46	13.50
6/10/2017 13:16	7.45	13.76
6/10/2017 13:46	7.40	13.90
6/10/2017 14:16	7.40	13.98
6/10/2017 14:46	7.37	14.04
6/10/2017 15:16	7.40	14.10
6/10/2017 15:46	7.37	14.08
6/10/2017 16:16	7.31	13.96
6/10/2017 16:46	7.29	13.62
6/10/2017 17:16	7.31	13.50
6/10/2017 17:46	7.30	13.44
6/10/2017 18:16	7.28	13.42
6/10/2017 18:46	7.24	13.36
6/10/2017 19:16	7.20	13.30
6/10/2017 19:46	7.14	13.22
6/10/2017 20:16	7.09	13.18
6/10/2017 20:46	7.05	13.14
6/10/2017 21:16	7.00	13.12
6/10/2017 21:46	6.97	13.10
6/10/2017 22:16	7.01	13.12
6/10/2017 22:46	7.05	13.18
6/10/2017 23:16	7.09	13.22
6/10/2017 23:46	7.09	13.24
6/11/2017 0:16	7.05	13.24
6/11/2017 0:46	7.04	13.20
6/11/2017 1:16	7.01	13.16
6/11/2017 1:46	7.03	13.14
6/11/2017 2:16	7.03	13.14
6/11/2017 2:46	7.02	13.14
6/11/2017 3:16	7.03	13.18
6/11/2017 3:46	7.06	13.24
6/11/2017 4:16	7.03	13.24
6/11/2017 4:46	7.03	13.22
6/11/2017 5:16	7.05	13.20
6/11/2017 5:46	7.06	13.22
6/11/2017 6:16	7.10	13.26
6/11/2017 6:46	7.15	13.26
6/11/2017 7:16	7.13	13.24

Date	DO (mg/L)	Temp (°C)
6/11/2017 7:46	7.13	13.20
6/11/2017 8:16	7.15	13.18
6/11/2017 8:46	7.19	13.18
6/11/2017 9:16	7.23	13.22
6/11/2017 9:46	7.29	13.30
6/11/2017 10:16	7.33	13.36
6/11/2017 10:46	7.38	13.44
6/11/2017 11:16	7.44	13.54
6/11/2017 11:46	7.53	13.68
6/11/2017 12:16	7.54	13.76
6/11/2017 12:46	8.71	12.86
6/11/2017 13:16	9.03	15.42
6/11/2017 13:46	9.06	15.48
6/11/2017 14:16	9.02	15.46
6/11/2017 14:46	8.47	15.52
6/11/2017 15:16	8.26	16.28
6/11/2017 15:46	8.34	16.66
6/11/2017 16:16	8.43	16.48
6/11/2017 16:46	8.42	16.30
6/11/2017 17:16	8.47	16.24
6/11/2017 17:46	8.55	16.18
6/11/2017 18:16	8.52	16.14
6/11/2017 18:46	8.52	16.06
6/11/2017 19:16	8.46	16.00
6/11/2017 19:46	8.43	15.96
6/11/2017 20:16	8.35	15.94
6/11/2017 20:46	8.31	15.90
6/11/2017 21:16	8.26	15.86
6/11/2017 21:46	8.17	15.80
6/11/2017 22:16	7.96	15.52
6/11/2017 22:46	7.73	15.08
6/11/2017 23:16	7.51	14.70
6/11/2017 23:46	7.38	14.38
6/12/2017 0:16	7.24	14.10
6/12/2017 0:46	7.11	13.84
6/12/2017 1:16	7.01	13.56
6/12/2017 1:46	6.96	13.40
6/12/2017 2:16	6.97	13.36
6/12/2017 2:46	7.02	13.34
6/12/2017 3:16	7.01	13.36
6/12/2017 3:46	7.03	13.38
6/12/2017 4:16	7.03	13.38
6/12/2017 4:46	6.97	13.34

Date	DO (mg/L)	Temp (°C)
6/12/2017 5:16	6.97	13.26
6/12/2017 5:46	6.95	13.22
6/12/2017 6:16	6.97	13.22
6/12/2017 6:46	7.03	13.22
6/12/2017 7:16	7.05	13.20
6/12/2017 7:46	7.06	13.16
6/12/2017 8:16	7.07	13.10
6/12/2017 8:46	7.10	13.06
6/12/2017 9:16	7.09	13.06
6/12/2017 9:46	7.12	13.12
6/12/2017 10:16	7.18	13.22
6/12/2017 10:46	7.22	13.30
6/12/2017 11:16	9.10	13.06
6/12/2017 11:46	8.89	15.40
6/12/2017 12:16	8.91	15.46
6/12/2017 12:46	8.91	15.42
6/12/2017 13:16	8.94	15.44
6/12/2017 13:46	8.94	15.48
6/12/2017 14:16	8.62	15.48
6/12/2017 14:46	8.86	15.36
6/12/2017 15:16	8.63	15.50
6/12/2017 15:46	8.84	15.10
6/12/2017 16:16	8.51	15.38
6/12/2017 16:46	8.56	14.94
6/12/2017 17:16	8.35	15.32
6/12/2017 17:46	8.05	15.68
6/12/2017 18:16	8.09	16.00
6/12/2017 18:46	8.18	16.04
6/12/2017 19:16	8.18	16.02
6/12/2017 19:46	8.19	16.00
6/12/2017 20:16	8.19	16.00
6/12/2017 20:46	8.21	15.96
6/12/2017 21:16	8.18	15.94
6/12/2017 21:46	8.12	15.94
6/12/2017 22:16	8.12	15.94
6/12/2017 22:46	8.15	15.92
6/12/2017 23:16	8.16	15.90
6/12/2017 23:46	8.16	15.88
6/13/2017 0:16	8.08	15.82
6/13/2017 0:46	7.84	15.56
6/13/2017 1:16	7.59	15.14
6/13/2017 1:46	7.41	14.80
6/13/2017 2:16	7.31	14.54

Date	DO (mg/L)	Temp (°C)
6/13/2017 2:46	7.18	14.32
6/13/2017 3:16	7.07	14.12
6/13/2017 3:46	7.00	13.92
6/13/2017 4:16	6.95	13.80
6/13/2017 4:46	6.93	13.72
6/13/2017 5:16	6.91	13.66
6/13/2017 5:46	6.88	13.58
6/13/2017 6:16	6.89	13.56
6/13/2017 6:46	6.93	13.54
6/13/2017 7:16	6.98	13.56
6/13/2017 7:46	7.06	13.56
6/13/2017 8:16	7.11	13.54
6/13/2017 8:46	7.15	13.54
6/13/2017 9:16	7.23	13.58
6/13/2017 9:46	7.27	13.60
6/13/2017 10:16	7.24	13.58
6/13/2017 10:46	7.23	13.56
6/13/2017 11:16	7.22	13.58
6/13/2017 11:46	7.27	13.64
6/13/2017 12:16	7.27	13.76
6/13/2017 12:46	7.32	13.90
6/13/2017 13:16	7.36	14.24
6/13/2017 13:46	7.31	14.28
6/13/2017 14:16	7.31	14.44
6/13/2017 14:46	9.49	13.48
6/13/2017 15:16	8.93	15.68
6/13/2017 15:46	8.36	15.70
6/13/2017 16:16	8.11	16.08
6/13/2017 16:46	8.24	16.36
6/13/2017 17:16	8.28	16.40
6/13/2017 17:46	8.31	16.36
6/13/2017 18:16	8.33	16.32
6/13/2017 18:46	8.35	16.30
6/13/2017 19:16	8.36	16.26
6/13/2017 19:46	8.29	16.22
6/13/2017 20:16	8.23	16.18
6/13/2017 20:46	8.14	16.14
6/13/2017 21:16	8.10	16.10
6/13/2017 21:46	8.07	16.08
6/13/2017 22:16	8.07	16.04
6/13/2017 22:46	7.85	15.84
6/13/2017 23:16	7.56	15.38
6/13/2017 23:46	7.32	14.90

Date	DO (mg/L)	Temp (°C)
6/14/2017 0:16	7.15	14.54
6/14/2017 0:46	7.03	14.26
6/14/2017 1:16	6.93	14.04
6/14/2017 1:46	6.81	13.82
6/14/2017 2:16	6.76	13.60
6/14/2017 2:46	6.72	13.50
6/14/2017 3:16	6.75	13.48
6/14/2017 3:46	6.79	13.52
6/14/2017 4:16	6.80	13.54
6/14/2017 4:46	6.80	13.52
6/14/2017 5:16	6.77	13.50
6/14/2017 5:46	6.76	13.46
6/14/2017 6:16	6.76	13.44
6/14/2017 6:46	6.76	13.42
6/14/2017 7:16	6.77	13.36
6/14/2017 7:46	6.84	13.34
6/14/2017 8:16	6.97	13.38
6/14/2017 8:46	7.04	13.44
6/14/2017 9:16	7.13	13.50
6/14/2017 9:46	7.12	13.50
6/14/2017 10:16	7.10	13.46
6/14/2017 10:46	7.06	13.48
6/14/2017 11:16	7.03	13.46
6/14/2017 11:46	7.06	13.48
6/14/2017 12:16	7.07	13.58
6/14/2017 12:46	7.11	13.72
6/14/2017 13:16	7.13	13.90
6/14/2017 13:46	7.16	14.08
6/14/2017 14:16	7.15	14.34
6/14/2017 14:46	9.26	13.22
6/14/2017 15:16	8.77	15.50
6/14/2017 15:46	8.25	15.80
6/14/2017 16:16	8.01	16.36
6/14/2017 16:46	8.06	16.46
6/14/2017 17:16	8.10	16.40
6/14/2017 17:46	8.08	16.30
6/14/2017 18:16	8.10	16.22
6/14/2017 18:46	8.19	16.26
6/14/2017 19:16	8.27	16.26
6/14/2017 19:46	8.19	16.20
6/14/2017 20:16	8.11	16.16
6/14/2017 20:46	8.09	16.12
6/14/2017 21:16	7.99	16.08

Date	DO (mg/L)	Temp (°C)
6/14/2017 21:46	7.98	16.06
6/14/2017 22:16	7.96	16.02
6/14/2017 22:46	7.80	15.86
6/14/2017 23:16	7.56	15.44
6/14/2017 23:46	7.30	15.00
6/15/2017 0:16	7.15	14.64
6/15/2017 0:46	7.05	14.40
6/15/2017 1:16	6.94	14.18
6/15/2017 1:46	6.84	13.98
6/15/2017 2:16	6.72	13.74
6/15/2017 2:46	6.65	13.60
6/15/2017 3:16	6.62	13.50
6/15/2017 3:46	6.65	13.46
6/15/2017 4:16	6.63	13.44
6/15/2017 4:46	6.58	13.34
6/15/2017 5:16	6.56	13.26
6/15/2017 5:46	6.58	13.24
6/15/2017 6:16	6.66	13.32
6/15/2017 6:46	6.76	13.42
6/15/2017 7:16	6.79	13.46
6/15/2017 7:46	6.83	13.42
6/15/2017 8:16	6.86	13.40
6/15/2017 8:46	6.98	13.46
6/15/2017 9:16	6.98	13.44
6/15/2017 9:46	7.03	13.46
6/15/2017 10:16	6.95	13.40
6/15/2017 10:46	6.95	13.44
6/15/2017 11:16	6.93	13.46
6/15/2017 11:46	6.96	13.56
6/15/2017 12:16	7.00	13.68
6/15/2017 12:46	7.01	13.78
6/15/2017 13:16	6.93	13.70
6/15/2017 13:46	6.96	13.90
6/15/2017 14:16	7.01	13.90
6/15/2017 14:46	6.94	13.86
6/15/2017 15:16	6.92	13.80
6/15/2017 15:46	6.92	13.86
6/15/2017 16:16	6.88	13.86
6/15/2017 16:46	6.86	13.68
6/15/2017 17:16	6.84	13.60
6/15/2017 17:46	6.83	13.50
6/15/2017 18:16	6.77	13.44
6/15/2017 18:46	6.81	13.48

Date	DO (mg/L)	Temp (°C)
6/15/2017 19:16	6.86	13.48
6/15/2017 19:46	6.85	13.44
6/15/2017 20:16	6.77	13.38
6/15/2017 20:46	6.67	13.36
6/15/2017 21:16	6.58	13.36
6/15/2017 21:46	6.54	13.34
6/15/2017 22:16	6.52	13.30
6/15/2017 22:46	6.50	13.26
6/15/2017 23:16	6.45	13.20
6/15/2017 23:46	6.43	13.16
6/16/2017 0:16	6.40	13.14
6/16/2017 0:46	6.40	13.14
6/16/2017 1:16	6.42	13.18
6/16/2017 1:46	6.44	13.22
6/16/2017 2:16	6.48	13.26
6/16/2017 2:46	6.56	13.32
6/16/2017 3:16	6.48	13.34
6/16/2017 3:46	6.44	13.32
6/16/2017 4:16	6.41	13.28
6/16/2017 4:46	6.43	13.30
6/16/2017 5:16	6.46	13.34
6/16/2017 5:46	6.50	13.44
6/16/2017 6:16	6.52	13.50
6/16/2017 6:46	6.56	13.48
6/16/2017 7:16	6.62	13.50
6/16/2017 7:46	6.70	13.50
6/16/2017 8:16	6.65	13.38
6/16/2017 8:46	6.57	13.24
6/16/2017 9:16	6.59	13.22
6/16/2017 9:46	6.66	13.26
6/16/2017 10:16	6.70	13.34
6/16/2017 10:46	6.84	13.48
6/16/2017 11:16	9.30	13.46
6/16/2017 11:46	8.86	16.20
6/16/2017 12:16	8.82	16.20
6/16/2017 12:46	8.77	16.06
6/16/2017 13:16	8.78	16.02
6/16/2017 13:46	8.75	15.98
6/16/2017 14:16	8.17	16.14
6/16/2017 14:46	7.94	16.86
6/16/2017 15:16	7.88	17.14
6/16/2017 15:46	8.00	16.96
6/16/2017 16:16	8.03	16.80

Date	DO (mg/L)	Temp (°C)
6/16/2017 16:46	7.99	16.70
6/16/2017 17:16	8.08	16.68
6/16/2017 17:46	8.17	16.72
6/16/2017 18:16	8.05	16.62
6/16/2017 18:46	7.99	16.54
6/16/2017 19:16	8.08	16.56
6/16/2017 19:46	8.00	16.54
6/16/2017 20:16	7.96	16.50
6/16/2017 20:46	7.91	16.46
6/16/2017 21:16	7.66	16.24
6/16/2017 21:46	7.38	15.80
6/16/2017 22:16	7.13	15.30
6/16/2017 22:46	6.94	14.90
6/16/2017 23:16	6.80	14.60
6/16/2017 23:46	6.71	14.36
6/17/2017 0:16	6.61	14.14
6/17/2017 0:46	6.52	13.94
6/17/2017 1:16	6.44	13.74
6/17/2017 1:46	6.41	13.62
6/17/2017 2:16	6.39	13.54
6/17/2017 2:46	6.37	13.48
6/17/2017 3:16	6.31	13.44
6/17/2017 3:46	6.30	13.38
6/17/2017 4:16	6.26	13.34
6/17/2017 4:46	6.24	13.28
6/17/2017 5:16	6.22	13.22
6/17/2017 5:46	6.25	13.22
6/17/2017 6:16	6.28	13.26
6/17/2017 6:46	6.31	13.26
6/17/2017 7:16	6.31	13.24
6/17/2017 7:46	6.34	13.28
6/17/2017 8:16	6.43	13.38
6/17/2017 8:46	6.52	13.44
6/17/2017 9:16	6.51	13.42
6/17/2017 9:46	6.44	13.34
6/17/2017 10:16	6.34	13.20
6/17/2017 10:46	6.34	13.16
6/17/2017 11:16	8.78	12.98
6/17/2017 11:46	8.63	15.80
6/17/2017 12:16	8.59	15.92
6/17/2017 12:46	8.62	15.90
6/17/2017 13:16	8.59	15.98
6/17/2017 13:46	8.63	16.00

Date	DO (mg/L)	Temp (°C)
6/17/2017 14:16	7.98	15.98
6/17/2017 14:46	7.71	16.34
6/17/2017 15:16	7.75	16.70
6/17/2017 15:46	7.84	16.72
6/17/2017 16:16	7.93	16.76
6/17/2017 16:46	7.98	16.74
6/17/2017 17:16	8.01	16.72
6/17/2017 17:46	8.03	16.66
6/17/2017 18:16	8.06	16.66
6/17/2017 18:46	8.06	16.64
6/17/2017 19:16	7.99	16.58
6/17/2017 19:46	7.92	16.54
6/17/2017 20:16	7.89	16.48
6/17/2017 20:46	7.83	16.42
6/17/2017 21:16	7.73	16.32
6/17/2017 21:46	7.42	15.98
6/17/2017 22:16	7.19	15.52
6/17/2017 22:46	6.96	15.14
6/17/2017 23:16	6.78	14.80
6/17/2017 23:46	6.68	14.52
6/18/2017 0:16	6.56	14.26
6/18/2017 0:46	6.44	14.06
6/18/2017 1:16	6.36	13.88
6/18/2017 1:46	6.34	13.76
6/18/2017 2:16	6.34	13.72
6/18/2017 2:46	6.36	13.70
6/18/2017 3:16	6.36	13.66
6/18/2017 3:46	6.35	13.64
6/18/2017 4:16	6.35	13.66
6/18/2017 4:46	6.36	13.70
6/18/2017 5:16	6.36	13.68
6/18/2017 5:46	6.33	13.60
6/18/2017 6:16	6.31	13.52
6/18/2017 6:46	6.34	13.48
6/18/2017 7:16	6.39	13.46
6/18/2017 7:46	6.45	13.46
6/18/2017 8:16	6.53	13.52
6/18/2017 8:46	6.57	13.56
6/18/2017 9:16	6.54	13.58
6/18/2017 9:46	6.57	13.64
6/18/2017 10:16	6.65	13.70
6/18/2017 10:46	6.68	13.70
6/18/2017 11:16	6.69	13.72

Date	DO (mg/L)	Temp (°C)
6/18/2017 11:46	6.75	13.76
6/18/2017 12:16	6.77	13.88
6/18/2017 12:46	8.23	12.72
6/18/2017 13:16	8.40	15.56
6/18/2017 13:46	8.36	15.58
6/18/2017 14:16	8.33	15.48
6/18/2017 14:46	7.73	15.64
6/18/2017 15:16	7.58	16.36
6/18/2017 15:46	7.62	16.76
6/18/2017 16:16	7.71	16.72
6/18/2017 16:46	7.74	16.46
6/18/2017 17:16	7.79	16.34
6/18/2017 17:46	7.82	16.28
6/18/2017 18:16	7.79	16.20
6/18/2017 18:46	7.74	16.14
6/18/2017 19:16	7.71	16.06
6/18/2017 19:46	7.66	16.02
6/18/2017 20:16	7.61	15.98
6/18/2017 20:46	7.57	15.92
6/18/2017 21:16	7.54	15.92
6/18/2017 21:46	7.39	15.82
6/18/2017 22:16	7.12	15.42
6/18/2017 22:46	6.92	14.98
6/18/2017 23:16	6.66	14.60
6/18/2017 23:46	6.48	14.28
6/19/2017 0:16	6.37	14.04
6/19/2017 0:46	6.27	13.80
6/19/2017 1:16	6.14	13.60
6/19/2017 1:46	6.08	13.44
6/19/2017 2:16	6.07	13.34
6/19/2017 2:46	6.07	13.32
6/19/2017 3:16	6.08	13.28
6/19/2017 3:46	6.23	13.30
6/19/2017 4:16	6.25	13.40
6/19/2017 4:46	6.15	13.42
6/19/2017 5:16	6.11	13.40
6/19/2017 5:46	6.10	13.36
6/19/2017 6:16	6.11	13.36
6/19/2017 6:46	6.14	13.40
6/19/2017 7:16	6.22	13.44
6/19/2017 7:46	6.28	13.46
6/19/2017 8:16	6.33	13.48
6/19/2017 8:46	6.41	13.54

Date	DO (mg/L)	Temp (°C)
6/19/2017 9:16	6.46	13.62
6/19/2017 9:46	6.51	13.66
6/19/2017 10:16	6.50	13.68
6/19/2017 10:46	6.50	13.68
6/19/2017 11:16	8.52	12.96
6/19/2017 11:46	8.36	15.56
6/19/2017 12:16	8.42	15.72
6/19/2017 12:46	8.42	15.78
6/19/2017 13:16	8.42	15.78
6/19/2017 13:46	8.40	15.74
6/19/2017 14:16	7.83	15.86
6/19/2017 14:46	7.65	16.48
6/19/2017 15:16	7.67	16.80
6/19/2017 15:46	7.75	16.86
6/19/2017 16:16	7.74	16.86
6/19/2017 16:46	7.74	16.64
6/19/2017 17:16	7.72	16.52
6/19/2017 17:46	7.76	16.48
6/19/2017 18:16	7.74	16.44
6/19/2017 18:46	7.68	16.38
6/19/2017 19:16	7.66	16.34
6/19/2017 19:46	7.58	16.30
6/19/2017 20:16	7.55	16.26
6/19/2017 20:46	7.48	16.22
6/19/2017 21:16	7.33	16.12
6/19/2017 21:46	7.05	15.74
6/19/2017 22:16	6.76	15.26
6/19/2017 22:46	6.56	14.80
6/19/2017 23:16	6.37	14.46
6/19/2017 23:46	6.25	14.20
6/20/2017 0:16	6.16	14.02
6/20/2017 0:46	6.09	13.84
6/20/2017 1:16	6.02	13.68
6/20/2017 1:46	6.01	13.58
6/20/2017 2:16	5.99	13.50
6/20/2017 2:46	5.98	13.46
6/20/2017 3:16	5.93	13.38
6/20/2017 3:46	5.88	13.30
6/20/2017 4:16	5.84	13.22
6/20/2017 4:46	5.81	13.16
6/20/2017 5:16	5.81	13.16
6/20/2017 5:46	5.84	13.16
6/20/2017 6:16	5.88	13.18

Date	DO (mg/L)	Temp (°C)
6/20/2017 6:46	5.96	13.20
6/20/2017 7:16	6.04	13.22
6/20/2017 7:46	6.10	13.26
6/20/2017 8:16	6.09	13.28
6/20/2017 8:46	6.11	13.26
6/20/2017 9:16	6.15	13.30
6/20/2017 9:46	6.21	13.38
6/20/2017 10:16	6.17	13.36
6/20/2017 10:46	6.16	13.40
6/20/2017 11:16	6.21	13.46
6/20/2017 11:46	6.27	13.56
6/20/2017 12:16	6.33	13.66
6/20/2017 12:46	6.31	13.64
6/20/2017 13:16	6.25	13.90
6/20/2017 13:46	6.23	13.98
6/20/2017 14:16	6.27	14.06
6/20/2017 14:46	6.28	14.12
6/20/2017 15:16	6.30	14.12
6/20/2017 15:46	6.33	14.14
6/20/2017 16:16	6.30	13.94
6/20/2017 16:46	6.24	13.66
6/20/2017 17:16	6.22	13.54
6/20/2017 17:46	7.23	13.36
6/20/2017 18:16	5.84	12.58
6/20/2017 18:46	5.70	12.94
6/20/2017 19:16	5.76	13.20
6/20/2017 19:46	5.95	13.52
6/20/2017 20:16	6.09	13.84
6/20/2017 20:46	6.37	14.14
6/20/2017 21:16	6.83	14.78
6/20/2017 21:46	7.10	15.34
6/20/2017 22:16	7.23	15.68
6/20/2017 22:46	7.28	15.80
6/20/2017 23:16	7.28	15.80
6/20/2017 23:46	7.24	15.74
6/21/2017 0:16	7.23	15.68
6/21/2017 0:46	7.21	15.64
6/21/2017 1:16	7.14	15.58
6/21/2017 1:46	6.91	15.32
6/21/2017 2:16	6.67	14.92
6/21/2017 2:46	6.42	14.50
6/21/2017 3:16	6.24	14.18
6/21/2017 3:46	6.14	13.90

Date	DO (mg/L)	Temp (°C)
6/21/2017 4:16	6.11	13.78
6/21/2017 4:46	6.15	13.74
6/21/2017 5:16	6.11	13.66
6/21/2017 5:46	6.05	13.54
6/21/2017 6:16	5.99	13.42
6/21/2017 6:46	5.99	13.34
6/21/2017 7:16	5.99	13.28
6/21/2017 7:46	6.02	13.22
6/21/2017 8:16	6.06	13.22
6/21/2017 8:46	6.13	13.28
6/21/2017 9:16	6.18	13.34
6/21/2017 9:46	6.21	13.38
6/21/2017 10:16	6.26	13.42
6/21/2017 10:46	6.30	13.48
6/21/2017 11:16	6.31	13.62
6/21/2017 11:46	6.39	13.76
6/21/2017 12:16	6.48	13.82
6/21/2017 12:46	6.56	13.88
6/21/2017 13:16	6.57	13.92
6/21/2017 13:46	6.57	14.12
6/21/2017 14:16	6.46	14.16
6/21/2017 14:46	6.48	14.22
6/21/2017 15:16	6.50	14.34
6/21/2017 15:46	6.54	14.38
6/21/2017 16:16	6.44	14.04
6/21/2017 16:46	6.30	13.78
6/21/2017 17:16	6.32	13.70
6/21/2017 17:46	6.32	13.66
6/21/2017 18:16	6.34	13.68
6/21/2017 18:46	6.25	13.62
6/21/2017 19:16	6.14	13.54
6/21/2017 19:46	6.15	13.52
6/21/2017 20:16	6.11	13.50
6/21/2017 20:46	6.08	13.48
6/21/2017 21:16	6.04	13.50
6/21/2017 21:46	6.02	13.48
6/21/2017 22:16	5.99	13.50
6/21/2017 22:46	6.02	13.54
6/21/2017 23:16	6.04	13.54
6/21/2017 23:46	6.00	13.50
6/22/2017 0:16	5.96	13.44
6/22/2017 0:46	5.89	13.34
6/22/2017 1:16	5.84	13.26

Date	DO (mg/L)	Temp (°C)
6/22/2017 1:46	5.86	13.22
6/22/2017 2:16	5.87	13.22
6/22/2017 2:46	5.90	13.26
6/22/2017 3:16	5.90	13.28
6/22/2017 3:46	5.91	13.28
6/22/2017 4:16	5.84	13.22
6/22/2017 4:46	5.82	13.18
6/22/2017 5:16	5.82	13.16
6/22/2017 5:46	5.82	13.12
6/22/2017 6:16	5.79	13.10
6/22/2017 6:46	5.87	13.14
6/22/2017 7:16	5.99	13.24
6/22/2017 7:46	6.18	13.34
6/22/2017 8:16	6.21	13.42
6/22/2017 8:46	6.18	13.46
6/22/2017 9:16	6.24	13.48
6/22/2017 9:46	6.32	13.52
6/22/2017 10:16	6.37	13.58
6/22/2017 10:46	6.36	13.60
6/22/2017 11:16	6.36	13.64
6/22/2017 11:46	6.41	13.68
6/22/2017 12:16	6.42	13.78
6/22/2017 12:46	6.40	13.82
6/22/2017 13:16	6.36	13.84
6/22/2017 13:46	6.35	13.88
6/22/2017 14:16	6.13	12.84
6/22/2017 14:46	7.45	15.06
6/22/2017 15:16	7.56	15.32
6/22/2017 15:46	7.86	15.70
6/22/2017 16:16	7.21	15.44
6/22/2017 16:46	7.51	15.36
6/22/2017 17:16	7.15	15.28
6/22/2017 17:46	7.58	14.82
6/22/2017 18:16	7.59	15.64
6/22/2017 18:46	7.00	15.20
6/22/2017 19:16	7.02	14.88
6/22/2017 19:46	7.45	14.92
6/22/2017 20:16	7.09	15.22
6/22/2017 20:46	7.13	14.98
6/22/2017 21:16	6.68	14.80
6/22/2017 21:46	6.34	15.12
6/22/2017 22:16	6.37	15.48
6/22/2017 22:46	6.49	15.58

Date	DO (mg/L)	Temp (°C)
6/22/2017 23:16	6.60	15.58
6/22/2017 23:46	6.67	15.62
6/23/2017 0:16	6.69	15.66
6/23/2017 0:46	6.69	15.66
6/23/2017 1:16	6.68	15.62
6/23/2017 1:46	6.68	15.56
6/23/2017 2:16	6.63	15.50
6/23/2017 2:46	6.40	15.28
6/23/2017 3:16	5.96	14.64
6/23/2017 3:46	5.75	14.00
6/23/2017 4:16	5.74	13.66
6/23/2017 4:46	5.70	13.60
6/23/2017 5:16	5.51	13.48
6/23/2017 5:46	5.51	13.44
6/23/2017 6:16	5.56	13.46
6/23/2017 6:46	5.66	13.56
6/23/2017 7:16	8.08	13.76
6/23/2017 7:46	7.22	15.14
6/23/2017 8:16	7.06	15.20
6/23/2017 8:46	7.45	15.18
6/23/2017 9:16	7.80	15.44
6/23/2017 9:46	7.66	15.72
6/23/2017 10:16	7.18	15.46
6/23/2017 10:46	7.46	15.00
6/23/2017 11:16	7.61	14.92
6/23/2017 11:46	6.91	15.46
6/23/2017 12:16	6.22	14.44
6/23/2017 12:46	6.08	14.04
6/23/2017 13:16	6.19	14.10
6/23/2017 13:46	6.19	14.16
6/23/2017 14:16	6.76	14.18
6/23/2017 14:46	7.21	15.32
6/23/2017 15:16	7.01	15.00
6/23/2017 15:46	6.83	15.06
6/23/2017 16:16	7.40	15.36
6/23/2017 16:46	7.65	15.38
6/23/2017 17:16	7.03	15.42
6/23/2017 17:46	7.76	15.64
6/23/2017 18:16	7.53	15.70
6/23/2017 18:46	7.48	15.28
6/23/2017 19:16	7.29	15.54
6/23/2017 19:46	6.76	14.96
6/23/2017 20:16	7.06	14.82

Date	DO (mg/L)	Temp (°C)
6/23/2017 20:46	7.59	15.20
6/23/2017 21:16	7.03	15.24
6/23/2017 21:46	7.32	15.02
6/23/2017 22:16	7.33	14.92
6/23/2017 22:46	6.54	14.88
6/23/2017 23:16	7.16	14.06
6/23/2017 23:46	7.57	14.94
6/24/2017 0:16	7.58	15.10
6/24/2017 0:46	7.65	15.22
6/24/2017 1:16	7.64	15.32
6/24/2017 1:46	7.70	15.54
6/24/2017 2:16	7.80	15.76
6/24/2017 2:46	7.80	15.94
6/24/2017 3:16	7.85	16.08
6/24/2017 3:46	7.86	16.14
6/24/2017 4:16	7.92	16.26
6/24/2017 4:46	7.88	16.32
6/24/2017 5:16	7.85	16.26
6/24/2017 5:46	7.89	16.26
6/24/2017 6:16	7.91	16.36
6/24/2017 6:46	7.88	16.34
6/24/2017 7:16	7.86	16.30
6/24/2017 7:46	7.88	16.34
6/24/2017 8:16	7.88	16.38
6/24/2017 8:46	7.76	16.28
6/24/2017 9:16	7.37	16.28
6/24/2017 9:46	7.14	16.32
6/24/2017 10:16	7.06	16.46
6/24/2017 10:46	7.01	16.72
6/24/2017 11:16	6.97	17.00
6/24/2017 11:46	6.89	17.22
6/24/2017 12:16	6.91	17.30
6/24/2017 12:46	6.89	17.32
6/24/2017 13:16	6.91	17.48
6/24/2017 13:46	6.87	17.50
6/24/2017 14:16	5.41	14.18
6/24/2017 14:46	7.48	15.60
6/24/2017 15:16	6.74	15.66
6/24/2017 15:46	7.26	15.52
6/24/2017 16:16	7.05	15.46
6/24/2017 16:46	6.52	14.94
6/24/2017 17:16	6.91	15.08
6/24/2017 17:46	6.85	15.10

Date	DO (mg/L)	Temp (°C)
6/24/2017 18:16	6.86	14.90
6/24/2017 18:46	6.92	15.00
6/24/2017 19:16	6.58	14.92
6/24/2017 19:46	6.17	14.56
6/24/2017 20:16	6.17	14.46
6/24/2017 20:46	6.66	14.50
6/24/2017 21:16	6.46	14.78
6/24/2017 21:46	6.11	14.78
6/24/2017 22:16	5.91	15.14
6/24/2017 22:46	5.80	15.42
6/24/2017 23:16	5.79	15.52
6/24/2017 23:46	5.79	15.58
6/25/2017 0:16	5.83	15.58
6/25/2017 0:46	5.81	15.58
6/25/2017 1:16	5.82	15.54
6/25/2017 1:46	5.79	15.50
6/25/2017 2:16	5.79	15.48
6/25/2017 2:46	5.79	15.44
6/25/2017 3:16	5.79	15.44
6/25/2017 3:46	5.80	15.44
6/25/2017 4:16	5.81	15.42
6/25/2017 4:46	5.78	15.40
6/25/2017 5:16	5.57	15.16
6/25/2017 5:46	5.31	14.80
6/25/2017 6:16	5.14	14.50
6/25/2017 6:46	5.04	14.22
6/25/2017 7:16	4.99	14.00
6/25/2017 7:46	4.99	13.90
6/25/2017 8:16	5.02	13.84
6/25/2017 8:46	5.10	13.86
6/25/2017 9:16	5.10	13.92
6/25/2017 9:46	5.19	14.00
6/25/2017 10:16	5.19	14.04
6/25/2017 10:46	5.21	14.12
6/25/2017 11:16	5.31	14.20
6/25/2017 11:46	5.32	14.24
6/25/2017 12:16	5.40	14.34
6/25/2017 12:46	5.45	14.38
6/25/2017 13:16	5.52	14.66
6/25/2017 13:46	5.53	14.78
6/25/2017 14:16	5.47	14.70
6/25/2017 14:46	5.56	14.74
6/25/2017 15:16	5.55	14.68

Date	DO (mg/L)	Temp (°C)
6/25/2017 15:46	5.57	14.58
6/25/2017 16:16	5.51	14.56
6/25/2017 16:46	5.38	14.28
6/25/2017 17:16	5.30	14.12
6/25/2017 17:46	5.31	14.04
6/25/2017 18:16	5.27	13.94
6/25/2017 18:46	5.21	13.88
6/25/2017 19:16	5.12	13.84
6/25/2017 19:46	5.10	13.80
6/25/2017 20:16	5.06	13.80
6/25/2017 20:46	5.04	13.80
6/25/2017 21:16	5.01	13.76
6/25/2017 21:46	4.99	13.74
6/25/2017 22:16	4.99	13.76
6/25/2017 22:46	5.00	13.78
6/25/2017 23:16	4.99	13.78
6/25/2017 23:46	4.95	13.70
6/26/2017 0:16	4.92	13.60
6/26/2017 0:46	4.87	13.52
6/26/2017 1:16	4.84	13.44
6/26/2017 1:46	4.78	13.36
6/26/2017 2:16	4.77	13.28
6/26/2017 2:46	4.83	13.30
6/26/2017 3:16	4.92	13.38
6/26/2017 3:46	4.97	13.50
6/26/2017 4:16	5.02	13.60
6/26/2017 4:46	5.05	13.68
6/26/2017 5:16	5.08	13.74
6/26/2017 5:46	5.05	13.76
6/26/2017 6:16	5.04	13.74
6/26/2017 6:46	5.02	13.68
6/26/2017 7:16	4.95	13.56
6/26/2017 7:46	4.88	13.40
6/26/2017 8:16	4.90	13.34
6/26/2017 8:46	5.03	13.36
6/26/2017 9:16	5.10	13.42
6/26/2017 9:46	5.16	13.54
6/26/2017 10:16	5.18	13.62
6/26/2017 10:46	5.25	13.76
6/26/2017 11:16	8.36	13.60
6/26/2017 11:46	7.74	16.10
6/26/2017 12:16	7.77	16.14
6/26/2017 12:46	7.79	16.16

Date	DO (mg/L)	Temp (°C)
6/26/2017 13:16	7.80	16.24
6/26/2017 13:46	7.75	16.18
6/26/2017 14:16	7.37	16.16
6/26/2017 14:46	7.27	15.66
6/26/2017 15:16	6.89	15.74
6/26/2017 15:46	6.54	15.30
6/26/2017 16:16	7.42	15.56
6/26/2017 16:46	6.86	15.80
6/26/2017 17:16	6.44	15.26
6/26/2017 17:46	6.68	14.92
6/26/2017 18:16	6.51	15.18
6/26/2017 18:46	6.87	15.38
6/26/2017 19:16	6.81	15.46
6/26/2017 19:46	6.76	15.36
6/26/2017 20:16	6.46	15.16
6/26/2017 20:46	6.39	15.02
6/26/2017 21:16	6.19	14.94
6/26/2017 21:46	5.91	15.14
6/26/2017 22:16	5.88	15.62
6/26/2017 22:46	5.92	15.84
6/26/2017 23:16	5.99	15.92
6/26/2017 23:46	6.15	15.92
6/27/2017 0:16	6.26	15.94
6/27/2017 0:46	6.28	15.96
6/27/2017 1:16	6.33	15.96
6/27/2017 1:46	6.34	15.96
6/27/2017 2:16	6.35	15.94
6/27/2017 2:46	6.34	15.92
6/27/2017 3:16	6.34	15.94
6/27/2017 3:46	6.33	15.92
6/27/2017 4:16	6.28	15.88
6/27/2017 4:46	6.08	15.58
6/27/2017 5:16	5.82	15.18
6/27/2017 5:46	5.61	14.80
6/27/2017 6:16	5.43	14.46
6/27/2017 6:46	5.32	14.20
6/27/2017 7:16	5.26	13.98
6/27/2017 7:46	5.20	13.84
6/27/2017 8:16	5.20	13.76
6/27/2017 8:46	5.21	13.74
6/27/2017 9:16	5.28	13.74
6/27/2017 9:46	5.37	13.80
6/27/2017 10:16	5.40	13.86

Date	DO (mg/L)	Temp (°C)
6/27/2017 10:46	5.44	13.92
6/27/2017 11:16	5.48	14.00
6/27/2017 11:46	5.51	14.08
6/27/2017 12:16	5.54	14.10
6/27/2017 12:46	5.57	14.16
6/27/2017 13:16	5.63	14.30
6/27/2017 13:46	5.60	14.24
6/27/2017 14:16	5.52	13.02
6/27/2017 14:46	6.75	15.36
6/27/2017 15:16	6.80	15.48
6/27/2017 15:46	6.86	15.56
6/27/2017 16:16	6.84	15.52
6/27/2017 16:46	6.78	15.46
6/27/2017 17:16	6.76	15.42
6/27/2017 17:46	6.75	15.40
6/27/2017 18:16	6.43	15.40
6/27/2017 18:46	6.07	15.60
6/27/2017 19:16	6.01	15.98
6/27/2017 19:46	6.01	16.08
6/27/2017 20:16	6.10	16.06
6/27/2017 20:46	6.17	16.00
6/27/2017 21:16	6.18	15.98
6/27/2017 21:46	6.17	15.94
6/27/2017 22:16	6.17	15.92
6/27/2017 22:46	6.14	15.88
6/27/2017 23:16	6.09	15.84
6/27/2017 23:46	6.07	15.78
6/28/2017 0:16	6.00	15.74
6/28/2017 0:46	5.67	15.34
6/28/2017 1:16	5.40	14.82
6/28/2017 1:46	5.06	14.26
6/28/2017 2:16	4.87	13.90
6/28/2017 2:46	4.73	13.66
6/28/2017 3:16	4.69	13.56
6/28/2017 3:46	4.67	13.50
6/28/2017 4:16	4.68	13.46
6/28/2017 4:46	4.67	13.40
6/28/2017 5:16	4.71	13.38
6/28/2017 5:46	4.73	13.38
6/28/2017 6:16	4.71	13.36
6/28/2017 6:46	4.66	13.30
6/28/2017 7:16	4.74	13.30
6/28/2017 7:46	4.96	13.44

Date	DO (mg/L)	Temp (°C)
6/28/2017 8:16	5.05	13.54
6/28/2017 8:46	5.06	13.62
6/28/2017 9:16	5.08	13.66
6/28/2017 9:46	5.10	13.70
6/28/2017 10:16	5.14	13.74
6/28/2017 10:46	5.16	13.78
6/28/2017 11:16	5.18	13.80
6/28/2017 11:46	5.19	13.86
6/28/2017 12:16	5.26	13.94
6/28/2017 12:46	5.27	14.06
6/28/2017 13:16	5.31	14.36
6/28/2017 13:46	5.37	14.50
6/28/2017 14:16	5.38	13.22
6/28/2017 14:46	6.77	15.80
6/28/2017 15:16	6.97	15.58
6/28/2017 15:46	7.12	15.18
6/28/2017 16:16	6.70	16.16
6/28/2017 16:46	7.01	16.14
6/28/2017 17:16	6.50	15.68
6/28/2017 17:46	7.13	15.28
6/28/2017 18:16	6.93	16.48
6/28/2017 18:46	6.62	16.74
6/28/2017 19:16	6.49	17.08
6/28/2017 19:46	6.37	17.10
6/28/2017 20:16	6.48	16.94
6/28/2017 20:46	6.59	16.88
6/28/2017 21:16	6.59	16.88
6/28/2017 21:46	6.60	16.86
6/28/2017 22:16	6.58	16.82
6/28/2017 22:46	6.57	16.78
6/28/2017 23:16	6.57	16.74
6/28/2017 23:46	6.56	16.68
6/29/2017 0:16	6.49	16.58
6/29/2017 0:46	6.17	16.32
6/29/2017 1:16	5.81	15.78
6/29/2017 1:46	5.40	15.14
6/29/2017 2:16	5.06	14.56
6/29/2017 2:46	4.92	14.12
6/29/2017 3:16	4.88	13.92
6/29/2017 3:46	4.79	13.82
6/29/2017 4:16	4.65	13.64
6/29/2017 4:46	4.62	13.52
6/29/2017 5:16	4.60	13.46

Date	DO (mg/L)	Temp (°C)
6/29/2017 5:46	4.57	13.46
6/29/2017 6:16	4.57	13.48
6/29/2017 6:46	4.57	13.54
6/29/2017 7:16	4.73	13.60
6/29/2017 7:46	4.95	13.80
6/29/2017 8:16	5.06	13.92
6/29/2017 8:46	5.14	14.02
6/29/2017 9:16	5.17	14.08
6/29/2017 9:46	5.19	14.14
6/29/2017 10:16	5.18	14.14
6/29/2017 10:46	5.22	14.18
6/29/2017 11:16	5.27	14.18
6/29/2017 11:46	5.34	14.20
6/29/2017 12:16	5.43	14.34
6/29/2017 12:46	5.47	14.42
6/29/2017 13:16	5.46	14.50
6/29/2017 13:46	5.47	14.56
6/29/2017 14:16	5.83	13.30
6/29/2017 14:46	6.79	16.22
6/29/2017 15:16	6.39	15.32
6/29/2017 15:46	7.50	16.14
6/29/2017 16:16	6.63	16.18
6/29/2017 16:46	6.16	15.04
6/29/2017 17:16	6.57	15.52
6/29/2017 17:46	6.15	14.96
6/29/2017 18:16	7.00	15.16
6/29/2017 18:46	7.38	16.14
6/29/2017 19:16	7.35	16.14
6/29/2017 19:46	7.33	16.10
6/29/2017 20:16	6.41	16.08
6/29/2017 20:46	6.00	16.38
6/29/2017 21:16	6.01	16.72
6/29/2017 21:46	6.14	16.76
6/29/2017 22:16	6.25	16.68
6/29/2017 22:46	6.32	16.64
6/29/2017 23:16	6.32	16.64
6/29/2017 23:46	6.30	16.62
6/30/2017 0:16	6.30	16.58
6/30/2017 0:46	6.30	16.54
6/30/2017 1:16	6.31	16.52
6/30/2017 1:46	6.27	16.48
6/30/2017 2:16	6.25	16.46
6/30/2017 2:46	6.02	16.24

Date	DO (mg/L)	Temp (°C)
6/30/2017 3:16	5.69	15.74
6/30/2017 3:46	5.28	15.16
6/30/2017 4:16	5.02	14.72
6/30/2017 4:46	4.79	14.34
6/30/2017 5:16	4.64	14.06
6/30/2017 5:46	4.57	13.90
6/30/2017 6:16	4.57	13.82
6/30/2017 6:46	4.61	13.76
6/30/2017 7:16	4.65	13.74
6/30/2017 7:46	4.68	13.74
6/30/2017 8:16	4.79	13.82
6/30/2017 8:46	4.85	13.92
6/30/2017 9:16	4.93	14.02
6/30/2017 9:46	4.97	14.10
6/30/2017 10:16	5.10	14.20
6/30/2017 10:46	5.09	14.24
6/30/2017 11:16	7.75	13.60
6/30/2017 11:46	7.61	16.64
6/30/2017 12:16	7.62	16.72
6/30/2017 12:46	7.61	16.72
6/30/2017 13:16	7.58	16.72
6/30/2017 13:46	7.66	16.70
6/30/2017 14:16	6.83	16.68
6/30/2017 14:46	6.57	17.12
6/30/2017 15:16	6.56	17.66
6/30/2017 15:46	6.71	17.96
6/30/2017 16:16	6.76	17.88
6/30/2017 16:46	6.72	17.60
6/30/2017 17:16	6.75	17.48
6/30/2017 17:46	6.78	17.40
6/30/2017 18:16	6.72	17.34
6/30/2017 18:46	6.78	17.32
6/30/2017 19:16	6.75	17.26
6/30/2017 19:46	6.70	17.22
6/30/2017 20:16	6.67	17.18
6/30/2017 20:46	6.60	17.14
6/30/2017 21:16	6.40	17.00
6/30/2017 21:46	6.05	16.52
6/30/2017 22:16	5.69	15.96
6/30/2017 22:46	5.41	15.50
6/30/2017 23:16	5.25	15.18
6/30/2017 23:46	5.13	14.94
7/1/2017 0:16	5.01	14.70

Date	DO (mg/L)	Temp (°C)
7/1/2017 0:46	4.94	14.50
7/1/2017 1:16	4.87	14.34
7/1/2017 1:46	4.79	14.22
7/1/2017 2:16	4.71	14.10
7/1/2017 2:46	4.66	14.00
7/1/2017 3:16	4.64	13.94
7/1/2017 3:46	4.62	13.92
7/1/2017 4:16	4.62	13.94
7/1/2017 4:46	4.65	13.98
7/1/2017 5:16	4.68	14.04
7/1/2017 5:46	4.73	14.14
7/1/2017 6:16	4.79	14.20
7/1/2017 6:46	4.84	14.24
7/1/2017 7:16	4.88	14.22
7/1/2017 7:46	4.90	14.18
7/1/2017 8:16	4.93	14.16
7/1/2017 8:46	4.95	14.16
7/1/2017 9:16	5.00	14.22
7/1/2017 9:46	4.99	14.22
7/1/2017 10:16	4.96	14.18
7/1/2017 10:46	4.95	14.14
7/1/2017 11:16	6.65	13.12
7/1/2017 11:46	7.42	16.44
7/1/2017 12:16	7.44	16.70
7/1/2017 12:46	7.47	16.82
7/1/2017 13:16	7.44	16.82
7/1/2017 13:46	7.39	16.72
7/1/2017 14:16	6.65	16.76
7/1/2017 14:46	6.37	17.30
7/1/2017 15:16	6.39	17.80
7/1/2017 15:46	6.57	17.88
7/1/2017 16:16	6.58	17.90
7/1/2017 16:46	6.57	17.56
7/1/2017 17:16	6.57	17.40
7/1/2017 17:46	6.57	17.30
7/1/2017 18:16	6.60	17.24
7/1/2017 18:46	6.61	17.20
7/1/2017 19:16	6.52	17.14
7/1/2017 19:46	6.51	17.10
7/1/2017 20:16	6.48	17.06
7/1/2017 20:46	6.42	17.02
7/1/2017 21:16	6.07	16.74
7/1/2017 21:46	5.73	16.16

Date	DO (mg/L)	Temp (°C)
7/1/2017 22:16	5.37	15.58
7/1/2017 22:46	5.10	15.12
7/1/2017 23:16	4.94	14.76
7/1/2017 23:46	4.86	14.54
7/2/2017 0:16	4.82	14.44
7/2/2017 0:46	4.76	14.36
7/2/2017 1:16	4.66	14.26
7/2/2017 1:46	4.56	14.16
7/2/2017 2:16	4.49	14.04
7/2/2017 2:46	4.46	13.98
7/2/2017 3:16	4.46	13.94
7/2/2017 3:46	4.46	13.94
7/2/2017 4:16	4.46	13.94
7/2/2017 4:46	4.46	13.94
7/2/2017 5:16	4.44	13.92
7/2/2017 5:46	4.46	13.86
7/2/2017 6:16	4.46	13.84
7/2/2017 6:46	4.52	13.86
7/2/2017 7:16	4.57	13.90
7/2/2017 7:46	4.56	13.88
7/2/2017 8:16	4.57	13.86
7/2/2017 8:46	4.57	13.86
7/2/2017 9:16	4.61	13.90
7/2/2017 9:46	4.62	13.96
7/2/2017 10:16	4.64	14.02
7/2/2017 10:46	4.64	14.04
7/2/2017 11:16	4.65	14.04
7/2/2017 11:46	4.67	14.04
7/2/2017 12:16	4.68	14.02
7/2/2017 12:46	4.70	14.10
7/2/2017 13:16	4.75	14.44
7/2/2017 13:46	4.70	14.46
7/2/2017 14:16	5.41	13.94
7/2/2017 14:46	7.27	16.34
7/2/2017 15:16	6.54	16.48
7/2/2017 15:46	6.27	17.00
7/2/2017 16:16	6.36	17.58
7/2/2017 16:46	6.42	17.36
7/2/2017 17:16	6.41	17.22
7/2/2017 17:46	6.45	17.12
7/2/2017 18:16	6.46	17.08
7/2/2017 18:46	6.50	17.06
7/2/2017 19:16	6.44	17.02

Date	DO (mg/L)	Temp (°C)
7/2/2017 19:46	6.41	16.98
7/2/2017 20:16	6.39	16.94
7/2/2017 20:46	6.40	16.92
7/2/2017 21:16	6.34	16.88
7/2/2017 21:46	6.31	16.86
7/2/2017 22:16	6.27	16.82
7/2/2017 22:46	5.99	16.50
7/2/2017 23:16	5.67	16.04
7/2/2017 23:46	5.39	15.62
7/3/2017 0:16	5.21	15.28
7/3/2017 0:46	5.04	15.06
7/3/2017 1:16	4.92	14.84
7/3/2017 1:46	4.81	14.62
7/3/2017 2:16	4.68	14.44
7/3/2017 2:46	4.56	14.26
7/3/2017 3:16	4.47	14.10
7/3/2017 3:46	4.39	13.94
7/3/2017 4:16	4.34	13.84
7/3/2017 4:46	4.34	13.76
7/3/2017 5:16	4.33	13.70
7/3/2017 5:46	4.32	13.68
7/3/2017 6:16	4.32	13.66
7/3/2017 6:46	4.34	13.66
7/3/2017 7:16	4.35	13.70
7/3/2017 7:46	4.42	13.72
7/3/2017 8:16	4.47	13.76
7/3/2017 8:46	4.51	13.82
7/3/2017 9:16	4.52	13.88
7/3/2017 9:46	4.56	13.94
7/3/2017 10:16	4.56	14.02
7/3/2017 10:46	4.56	14.06
7/3/2017 11:16	7.41	13.56
7/3/2017 11:46	7.32	16.58
7/3/2017 12:16	7.36	16.70
7/3/2017 12:46	7.32	16.60
7/3/2017 13:16	7.31	16.52
7/3/2017 13:46	7.24	16.54
7/3/2017 14:16	6.40	16.76
7/3/2017 14:46	6.21	17.52
7/3/2017 15:16	6.35	17.94
7/3/2017 15:46	6.49	18.00
7/3/2017 16:16	6.50	17.90
7/3/2017 16:46	6.43	17.56

Date	DO (mg/L)	Temp (°C)
7/3/2017 17:16	6.45	17.44
7/3/2017 17:46	6.46	17.36
7/3/2017 18:16	6.49	17.32
7/3/2017 18:46	6.44	17.26
7/3/2017 19:16	6.43	17.20
7/3/2017 19:46	6.39	17.16
7/3/2017 20:16	6.34	17.12
7/3/2017 20:46	6.28	17.08
7/3/2017 21:16	6.00	16.84
7/3/2017 21:46	5.70	16.34
7/3/2017 22:16	5.37	15.84
7/3/2017 22:46	5.19	15.46
7/3/2017 23:16	5.02	15.18
7/3/2017 23:46	4.90	14.94
7/4/2017 0:16	4.79	14.72
7/4/2017 0:46	4.65	14.54
7/4/2017 1:16	4.55	14.34
7/4/2017 1:46	4.44	14.16
7/4/2017 2:16	4.41	14.02
7/4/2017 2:46	4.41	13.96
7/4/2017 3:16	4.39	13.96
7/4/2017 3:46	4.36	13.96
7/4/2017 4:16	4.36	13.94
7/4/2017 4:46	4.34	13.88
7/4/2017 5:16	4.33	13.80
7/4/2017 5:46	4.34	13.72
7/4/2017 6:16	4.41	13.70
7/4/2017 6:46	4.48	13.74
7/4/2017 7:16	4.52	13.80
7/4/2017 7:46	4.50	13.82
7/4/2017 8:16	4.46	13.82
7/4/2017 8:46	4.44	13.82
7/4/2017 9:16	4.44	13.82
7/4/2017 9:46	4.40	13.86
7/4/2017 10:16	4.42	13.90
7/4/2017 10:46	4.47	13.98
7/4/2017 11:16	4.53	14.08
7/4/2017 11:46	4.60	14.20
7/4/2017 12:16	4.62	14.28
7/4/2017 12:46	6.56	13.22
7/4/2017 13:16	7.23	16.48
7/4/2017 13:46	7.20	16.60
7/4/2017 14:16	7.24	16.56

Date	DO (mg/L)	Temp (°C)
7/4/2017 14:46	6.15	16.64
7/4/2017 15:16	6.01	17.26
7/4/2017 15:46	6.06	17.60
7/4/2017 16:16	6.21	17.70
7/4/2017 16:46	6.22	17.48
7/4/2017 17:16	6.26	17.38
7/4/2017 17:46	6.28	17.34
7/4/2017 18:16	6.30	17.26
7/4/2017 18:46	6.26	17.20
7/4/2017 19:16	6.22	17.14
7/4/2017 19:46	6.17	17.10
7/4/2017 20:16	6.15	17.08
7/4/2017 20:46	6.09	17.04
7/4/2017 21:16	6.07	17.00
7/4/2017 21:46	5.81	16.78
7/4/2017 22:16	5.49	16.28
7/4/2017 22:46	5.19	15.80
7/4/2017 23:16	4.95	15.40
7/4/2017 23:46	4.78	15.10
7/5/2017 0:16	4.66	14.88
7/5/2017 0:46	4.55	14.64
7/5/2017 1:16	4.42	14.46
7/5/2017 1:46	4.34	14.28
7/5/2017 2:16	4.27	14.12
7/5/2017 2:46	4.25	14.00
7/5/2017 3:16	4.26	13.94
7/5/2017 3:46	4.31	13.94
7/5/2017 4:16	4.33	13.92
7/5/2017 4:46	4.32	13.90
7/5/2017 5:16	4.31	13.88
7/5/2017 5:46	4.31	13.90
7/5/2017 6:16	4.36	13.96
7/5/2017 6:46	4.39	14.02
7/5/2017 7:16	4.41	14.02
7/5/2017 7:46	4.47	14.06
7/5/2017 8:16	4.51	14.10
7/5/2017 8:46	4.52	14.08
7/5/2017 9:16	4.52	14.04
7/5/2017 9:46	4.53	14.08
7/5/2017 10:16	4.58	14.12
7/5/2017 10:46	4.60	14.14
7/5/2017 11:16	4.53	14.10
7/5/2017 11:46	4.51	14.08

Date	DO (mg/L)	Temp (°C)
7/5/2017 12:16	4.50	14.06
7/5/2017 12:46	6.51	13.34
7/5/2017 13:16	7.26	17.00
7/5/2017 13:46	7.22	17.22
7/5/2017 14:16	7.27	17.26
7/5/2017 14:46	6.45	17.42
7/5/2017 15:16	6.18	18.08
7/5/2017 15:46	6.35	18.24
7/5/2017 16:16	6.44	18.38
7/5/2017 16:46	6.42	18.12
7/5/2017 17:16	6.41	18.00
7/5/2017 17:46	6.41	17.96
7/5/2017 18:16	6.37	17.86
7/5/2017 18:46	6.34	17.80
7/5/2017 19:16	6.28	17.76
7/5/2017 19:46	6.25	17.70
7/5/2017 20:16	6.18	17.66
7/5/2017 20:46	6.15	17.62
7/5/2017 21:16	6.06	17.54
7/5/2017 21:46	5.71	17.08
7/5/2017 22:16	5.31	16.42
7/5/2017 22:46	4.99	15.82
7/5/2017 23:16	4.82	15.46
7/5/2017 23:46	4.68	15.18
7/6/2017 0:16	4.62	15.02
7/6/2017 0:46	4.58	14.88
7/6/2017 1:16	4.51	14.74
7/6/2017 1:46	4.41	14.56
7/6/2017 2:16	4.30	14.42
7/6/2017 2:46	4.21	14.28
7/6/2017 3:16	4.07	14.12
7/6/2017 3:46	4.03	14.02
7/6/2017 4:16	3.97	13.94
7/6/2017 4:46	3.95	13.84
7/6/2017 5:16	3.94	13.78
7/6/2017 5:46	3.95	13.78
7/6/2017 6:16	3.95	13.82
7/6/2017 6:46	3.97	13.82
7/6/2017 7:16	4.03	13.82
7/6/2017 7:46	4.05	13.80
7/6/2017 8:16	4.15	13.82
7/6/2017 8:46	4.20	13.88
7/6/2017 9:16	4.22	13.94

Date	DO (mg/L)	Temp (°C)
7/6/2017 9:46	4.24	14.00
7/6/2017 10:16	4.27	14.06
7/6/2017 10:46	4.29	14.08
7/6/2017 11:16	4.22	14.04
7/6/2017 11:46	4.48	14.06
7/6/2017 12:16	4.52	14.12
7/6/2017 12:46	4.48	14.20
7/6/2017 13:16	4.50	14.20
7/6/2017 13:46	4.49	14.18
7/6/2017 14:16	4.44	14.18
7/6/2017 14:46	4.43	14.22
7/6/2017 15:16	4.40	14.22
7/6/2017 15:46	4.33	14.16
7/6/2017 16:16	4.26	14.02
7/6/2017 16:46	4.29	14.04
7/6/2017 17:16	4.29	14.00
7/6/2017 17:46	4.22	13.90
7/6/2017 18:16	4.12	13.82
7/6/2017 18:46	4.15	13.78
7/6/2017 19:16	4.30	13.78
7/6/2017 19:46	4.07	13.80
7/6/2017 20:16	3.96	13.74
7/6/2017 20:46	3.92	13.68
7/6/2017 21:16	3.87	13.64
7/6/2017 21:46	3.83	13.60
7/6/2017 22:16	3.80	13.58
7/6/2017 22:46	3.77	13.56
7/6/2017 23:16	3.76	13.54
7/6/2017 23:46	3.76	13.56
7/7/2017 0:16	3.77	13.60
7/7/2017 0:46	3.78	13.62
7/7/2017 1:16	3.78	13.64
7/7/2017 1:46	3.95	13.66
7/7/2017 2:16	4.16	13.76
7/7/2017 2:46	3.91	13.74
7/7/2017 3:16	3.79	13.70
7/7/2017 3:46	3.87	13.68
7/7/2017 4:16	3.74	13.68
7/7/2017 4:46	3.66	13.66
7/7/2017 5:16	3.68	13.66
7/7/2017 5:46	3.66	13.66
7/7/2017 6:16	3.65	13.68
7/7/2017 6:46	3.64	13.68

Date	DO (mg/L)	Temp (°C)
7/7/2017 7:16	3.64	13.68
7/7/2017 7:46	3.69	13.66
7/7/2017 8:16	3.69	13.68
7/7/2017 8:46	3.71	13.68
7/7/2017 9:16	3.72	13.68
7/7/2017 9:46	3.77	13.68
7/7/2017 10:16	3.81	13.68
7/7/2017 10:46	3.83	13.72
7/7/2017 11:16	7.44	14.56
7/7/2017 11:46	6.86	16.34
7/7/2017 12:16	6.74	16.42
7/7/2017 12:46	6.74	16.36
7/7/2017 13:16	6.77	16.36
7/7/2017 13:46	6.70	16.30
7/7/2017 14:16	5.81	16.50
7/7/2017 14:46	5.72	17.00
7/7/2017 15:16	5.72	17.50
7/7/2017 15:46	5.67	17.66
7/7/2017 16:16	5.67	17.48
7/7/2017 16:46	5.71	17.26
7/7/2017 17:16	5.79	17.12
7/7/2017 17:46	5.75	17.02
7/7/2017 18:16	5.69	16.94
7/7/2017 18:46	5.71	16.92
7/7/2017 19:16	5.69	16.90
7/7/2017 19:46	5.67	16.90
7/7/2017 20:16	5.62	16.86
7/7/2017 20:46	5.57	16.82
7/7/2017 21:16	5.43	16.72
7/7/2017 21:46	5.11	16.34
7/7/2017 22:16	4.78	15.86
7/7/2017 22:46	4.55	15.46
7/7/2017 23:16	4.32	15.12
7/7/2017 23:46	4.18	14.86
7/8/2017 0:16	4.07	14.64
7/8/2017 0:46	3.96	14.44
7/8/2017 1:16	3.80	14.26
7/8/2017 1:46	3.69	14.08
7/8/2017 2:16	3.60	13.92
7/8/2017 2:46	3.48	13.76
7/8/2017 3:16	3.45	13.66
7/8/2017 3:46	3.44	13.66
7/8/2017 4:16	3.42	13.66

Date	DO (mg/L)	Temp (°C)
7/8/2017 4:46	3.39	13.60
7/8/2017 5:16	3.42	13.58
7/8/2017 5:46	3.48	13.62
7/8/2017 6:16	3.60	13.74
7/8/2017 6:46	3.69	13.88
7/8/2017 7:16	3.71	13.90
7/8/2017 7:46	3.68	13.84
7/8/2017 8:16	3.68	13.80
7/8/2017 8:46	3.69	13.78
7/8/2017 9:16	3.73	13.80
7/8/2017 9:46	3.78	13.84
7/8/2017 10:16	3.77	13.80
7/8/2017 10:46	3.70	13.72
7/8/2017 11:16	3.51	13.26
7/8/2017 11:46	4.69	14.74
7/8/2017 12:16	4.76	14.92
7/8/2017 12:46	4.86	15.10
7/8/2017 13:16	4.88	15.22
7/8/2017 13:46	4.87	15.24
7/8/2017 14:16	4.78	15.26
7/8/2017 14:46	4.85	15.62
7/8/2017 15:16	5.16	16.20
7/8/2017 15:46	5.18	16.42
7/8/2017 16:16	5.14	16.34
7/8/2017 16:46	5.11	16.18
7/8/2017 17:16	5.03	16.08
7/8/2017 17:46	4.96	15.98
7/8/2017 18:16	5.03	15.96
7/8/2017 18:46	4.97	15.92
7/8/2017 19:16	4.95	15.90
7/8/2017 19:46	4.90	15.86
7/8/2017 20:16	4.87	15.84
7/8/2017 20:46	4.82	15.82
7/8/2017 21:16	4.77	15.80
7/8/2017 21:46	4.75	15.76
7/8/2017 22:16	4.56	15.56
7/8/2017 22:46	4.36	15.28
7/8/2017 23:16	4.17	14.98
7/8/2017 23:46	4.00	14.70
7/9/2017 0:16	3.85	14.46
7/9/2017 0:46	3.74	14.26
7/9/2017 1:16	3.69	14.10
7/9/2017 1:46	3.65	13.98

Date	DO (mg/L)	Temp (°C)
7/9/2017 2:16	3.65	13.90
7/9/2017 2:46	3.66	13.86
7/9/2017 3:16	3.64	13.82
7/9/2017 3:46	3.57	13.78
7/9/2017 4:16	3.54	13.76
7/9/2017 4:46	3.50	13.76
7/9/2017 5:16	3.43	13.70
7/9/2017 5:46	3.38	13.62
7/9/2017 6:16	3.39	13.60
7/9/2017 6:46	3.46	13.70
7/9/2017 7:16	3.62	13.86
7/9/2017 7:46	3.77	14.04
7/9/2017 8:16	3.88	14.16
7/9/2017 8:46	3.94	14.20
7/9/2017 9:16	3.95	14.18
7/9/2017 9:46	3.90	14.16
7/9/2017 10:16	3.85	14.16
7/9/2017 10:46	3.81	14.08
7/9/2017 11:16	3.80	14.00
7/9/2017 11:46	3.86	13.96
7/9/2017 12:16	3.89	14.00
7/9/2017 12:46	3.92	14.12
7/9/2017 13:16	3.97	14.38
7/9/2017 13:46	3.89	14.34
7/9/2017 14:16	3.87	14.52
7/9/2017 14:46	3.80	14.48
7/9/2017 15:16	3.78	14.48
7/9/2017 15:46	3.76	14.46
7/9/2017 16:16	3.76	14.34
7/9/2017 16:46	3.69	14.06
7/9/2017 17:16	3.64	13.98
7/9/2017 17:46	3.61	13.94
7/9/2017 18:16	3.63	13.92
7/9/2017 18:46	3.59	13.86
7/9/2017 19:16	3.54	13.80
7/9/2017 19:46	3.53	13.74
7/9/2017 20:16	3.51	13.68
7/9/2017 20:46	3.50	13.64
7/9/2017 21:16	3.51	13.64
7/9/2017 21:46	3.50	13.62
7/9/2017 22:16	3.52	13.62
7/9/2017 22:46	3.53	13.62
7/9/2017 23:16	3.52	13.64

Date	DO (mg/L)	Temp (°C)
7/9/2017 23:46	3.50	13.64
7/10/2017 0:16	3.50	13.64
7/10/2017 0:46	3.51	13.62
7/10/2017 1:16	3.53	13.62
7/10/2017 1:46	3.53	13.62
7/10/2017 2:16	3.53	13.62
7/10/2017 2:46	3.53	13.60
7/10/2017 3:16	3.53	13.58
7/10/2017 3:46	3.54	13.56
7/10/2017 4:16	3.55	13.58
7/10/2017 4:46	3.59	13.60
7/10/2017 5:16	3.61	13.62
7/10/2017 5:46	3.61	13.64
7/10/2017 6:16	3.63	13.66
7/10/2017 6:46	3.62	13.68
7/10/2017 7:16	3.61	13.68
7/10/2017 7:46	3.62	13.66
7/10/2017 8:16	3.61	13.66
7/10/2017 8:46	3.62	13.68
7/10/2017 9:16	3.66	13.74
7/10/2017 9:46	3.74	13.82
7/10/2017 10:16	3.80	13.90
7/10/2017 10:46	3.83	13.96
7/10/2017 11:16	6.60	13.48
7/10/2017 11:46	6.79	16.76
7/10/2017 12:16	6.81	17.02
7/10/2017 12:46	6.80	17.04
7/10/2017 13:16	6.77	17.02
7/10/2017 13:46	6.77	17.00
7/10/2017 14:16	5.73	16.94
7/10/2017 14:46	5.58	17.28
7/10/2017 15:16	5.63	17.74
7/10/2017 15:46	5.65	17.84
7/10/2017 16:16	5.69	17.76
7/10/2017 16:46	5.73	17.66
7/10/2017 17:16	5.74	17.62
7/10/2017 17:46	5.76	17.62
7/10/2017 18:16	5.74	17.58
7/10/2017 18:46	5.64	17.50
7/10/2017 19:16	5.62	17.46
7/10/2017 19:46	5.56	17.40
7/10/2017 20:16	5.52	17.36
7/10/2017 20:46	5.62	17.30

Date	DO (mg/L)	Temp (°C)
7/10/2017 21:16	5.30	16.96
7/10/2017 21:46	4.81	16.36
7/10/2017 22:16	4.42	15.80
7/10/2017 22:46	4.20	15.38
7/10/2017 23:16	4.04	15.04
7/10/2017 23:46	3.89	14.78
7/11/2017 0:16	3.79	14.60
7/11/2017 0:46	3.69	14.44
7/11/2017 1:16	3.57	14.28
7/11/2017 1:46	3.43	14.10
7/11/2017 2:16	3.33	13.94
7/11/2017 2:46	3.29	13.84
7/11/2017 3:16	3.27	13.82
7/11/2017 3:46	3.25	13.82
7/11/2017 4:16	3.25	13.80
7/11/2017 4:46	3.25	13.78
7/11/2017 5:16	3.25	13.76
7/11/2017 5:46	3.18	13.72
7/11/2017 6:16	3.19	13.72
7/11/2017 6:46	3.25	13.76
7/11/2017 7:16	3.28	13.82
7/11/2017 7:46	3.31	13.86
7/11/2017 8:16	3.30	13.84
7/11/2017 8:46	3.31	13.80
7/11/2017 9:16	3.36	13.80
7/11/2017 9:46	3.38	13.80
7/11/2017 10:16	3.41	13.80
7/11/2017 10:46	3.38	13.78
7/11/2017 11:16	3.35	13.80
7/11/2017 11:46	3.37	13.86
7/11/2017 12:16	3.45	14.00
7/11/2017 12:46	3.65	14.18
7/11/2017 13:16	3.36	13.38
7/11/2017 13:46	5.03	15.54
7/11/2017 14:16	5.47	15.58
7/11/2017 14:46	4.91	15.90
7/11/2017 15:16	5.08	15.70
7/11/2017 15:46	5.84	15.36
7/11/2017 16:16	4.86	16.14
7/11/2017 16:46	4.92	15.38
7/11/2017 17:16	4.68	15.62
7/11/2017 17:46	4.60	15.98
7/11/2017 18:16	4.66	16.52

Date	DO (mg/L)	Temp (°C)
7/11/2017 18:46	4.74	16.76
7/11/2017 19:16	4.78	16.82
7/11/2017 19:46	4.85	16.86
7/11/2017 20:16	4.85	16.88
7/11/2017 20:46	4.81	16.90
7/11/2017 21:16	4.81	16.90
7/11/2017 21:46	4.79	16.88
7/11/2017 22:16	4.78	16.86
7/11/2017 22:46	4.77	16.80
7/11/2017 23:16	4.83	16.70
7/11/2017 23:46	4.84	16.58
7/12/2017 0:16	4.79	16.46
7/12/2017 0:46	4.50	16.10
7/12/2017 1:16	4.18	15.64
7/12/2017 1:46	3.95	15.22
7/12/2017 2:16	3.79	14.92
7/12/2017 2:46	3.68	14.72
7/12/2017 3:16	3.60	14.54
7/12/2017 3:46	3.43	14.38
7/12/2017 4:16	3.35	14.26
7/12/2017 4:46	3.34	14.20
7/12/2017 5:16	3.33	14.18
7/12/2017 5:46	3.29	14.12
7/12/2017 6:16	3.28	14.06
7/12/2017 6:46	3.30	14.02
7/12/2017 7:16	3.35	14.00
7/12/2017 7:46	3.41	14.00
7/12/2017 8:16	3.47	14.02
7/12/2017 8:46	3.46	14.00
7/12/2017 9:16	3.47	14.00
7/12/2017 9:46	3.48	13.98
7/12/2017 10:16	3.51	13.98
7/12/2017 10:46	3.59	14.00
7/12/2017 11:16	3.65	14.08
7/12/2017 11:46	3.59	14.16
7/12/2017 12:16	3.65	14.20
7/12/2017 12:46	3.66	14.30
7/12/2017 13:16	3.74	14.48
7/12/2017 13:46	3.65	14.60
7/12/2017 14:16	3.60	14.54
7/12/2017 14:46	3.62	14.44
7/12/2017 15:16	3.62	14.54
7/12/2017 15:46	3.62	14.56

Date	DO (mg/L)	Temp (°C)
7/12/2017 16:16	3.61	14.46
7/12/2017 16:46	3.53	14.28
7/12/2017 17:16	3.47	14.16
7/12/2017 17:46	3.45	14.12
7/12/2017 18:16	3.44	14.12
7/12/2017 18:46	3.37	14.08
7/12/2017 19:16	3.29	14.06
7/12/2017 19:46	3.27	14.04
7/12/2017 20:16	3.25	14.04
7/12/2017 20:46	3.22	14.06
7/12/2017 21:16	3.20	14.08
7/12/2017 21:46	3.22	14.06
7/12/2017 22:16	3.20	14.04
7/12/2017 22:46	3.19	14.02
7/12/2017 23:16	3.21	14.02
7/12/2017 23:46	3.21	13.98
7/13/2017 0:16	3.22	13.96
7/13/2017 0:46	3.26	13.96
7/13/2017 1:16	3.27	13.98
7/13/2017 1:46	3.27	13.98
7/13/2017 2:16	3.26	14.00
7/13/2017 2:46	3.25	13.96
7/13/2017 3:16	3.20	13.88
7/13/2017 3:46	3.17	13.80
7/13/2017 4:16	3.16	13.76
7/13/2017 4:46	3.16	13.74
7/13/2017 5:16	3.15	13.72
7/13/2017 5:46	3.22	13.68
7/13/2017 6:16	3.21	13.70
7/13/2017 6:46	3.17	13.70
7/13/2017 7:16	3.19	13.70
7/13/2017 7:46	3.20	13.70
7/13/2017 8:16	3.21	13.74
7/13/2017 8:46	3.27	13.78
7/13/2017 9:16	3.35	13.82
7/13/2017 9:46	3.43	13.90
7/13/2017 10:16	3.55	13.98
7/13/2017 10:46	3.55	14.08
7/13/2017 11:16	3.65	14.20
7/13/2017 11:46	3.66	14.28
7/13/2017 12:16	3.65	14.28
7/13/2017 12:46	3.65	14.28
7/13/2017 13:16	3.72	14.30

Date	DO (mg/L)	Temp (°C)
7/13/2017 13:46	3.73	14.34
7/13/2017 14:16	3.22	13.32
7/13/2017 14:46	4.79	15.36
7/13/2017 15:16	4.83	15.82
7/13/2017 15:46	4.74	15.12
7/13/2017 16:16	5.28	15.98
7/13/2017 16:46	4.58	15.48
7/13/2017 17:16	4.69	15.48
7/13/2017 17:46	4.39	15.10
7/13/2017 18:16	4.30	15.34
7/13/2017 18:46	4.13	15.62
7/13/2017 19:16	4.23	16.04
7/13/2017 19:46	4.24	16.18
7/13/2017 20:16	4.21	16.22
7/13/2017 20:46	4.20	16.24
7/13/2017 21:16	4.18	16.22
7/13/2017 21:46	4.16	16.18
7/13/2017 22:16	4.16	16.18
7/13/2017 22:46	4.21	16.18
7/13/2017 23:16	4.18	16.18
7/13/2017 23:46	4.11	16.10
7/14/2017 0:16	4.00	15.96
7/14/2017 0:46	3.97	15.86
7/14/2017 1:16	3.92	15.78
7/14/2017 1:46	3.70	15.56
7/14/2017 2:16	3.45	15.20
7/14/2017 2:46	3.21	14.82
7/14/2017 3:16	3.17	14.48
7/14/2017 3:46	3.35	14.30
7/14/2017 4:16	2.96	14.16
7/14/2017 4:46	2.89	14.02
7/14/2017 5:16	2.87	13.98
7/14/2017 5:46	2.92	14.06
7/14/2017 6:16	2.94	14.14
7/14/2017 6:46	2.91	14.18
7/14/2017 7:16	2.89	14.14
7/14/2017 7:46	2.84	14.04
7/14/2017 8:16	2.87	14.00
7/14/2017 8:46	2.95	14.02
7/14/2017 9:16	3.11	14.16
7/14/2017 9:46	3.35	14.28
7/14/2017 10:16	3.37	14.38
7/14/2017 10:46	3.51	14.48

Date	DO (mg/L)	Temp (°C)
7/14/2017 11:16	6.10	13.58
7/14/2017 11:46	6.18	16.68
7/14/2017 12:16	6.22	17.02
7/14/2017 12:46	6.24	17.04
7/14/2017 13:16	6.15	16.96
7/14/2017 13:46	6.17	17.00
7/14/2017 14:16	5.29	16.94
7/14/2017 14:46	4.65	16.04
7/14/2017 15:16	5.20	16.14
7/14/2017 15:46	4.95	16.62
7/14/2017 16:16	4.31	15.74
7/14/2017 16:46	4.41	15.54
7/14/2017 17:16	4.15	15.48
7/14/2017 17:46	5.31	15.84
7/14/2017 18:16	5.13	16.30
7/14/2017 18:46	4.22	16.20
7/14/2017 19:16	4.25	16.60
7/14/2017 19:46	4.33	16.92
7/14/2017 20:16	4.34	17.04
7/14/2017 20:46	4.29	17.08
7/14/2017 21:16	4.29	17.14
7/14/2017 21:46	4.29	17.22
7/14/2017 22:16	4.29	17.28
7/14/2017 22:46	4.30	17.30
7/14/2017 23:16	4.27	17.32
7/14/2017 23:46	4.26	17.32
7/15/2017 0:16	4.26	17.30
7/15/2017 0:46	4.24	17.30
7/15/2017 1:16	4.24	17.30
7/15/2017 1:46	4.06	17.08
7/15/2017 2:16	3.73	16.64
7/15/2017 2:46	3.44	16.18
7/15/2017 3:16	3.24	15.80
7/15/2017 3:46	3.12	15.56
7/15/2017 4:16	3.04	15.38
7/15/2017 4:46	2.95	15.22
7/15/2017 5:16	2.84	15.02
7/15/2017 5:46	2.73	14.80
7/15/2017 6:16	2.68	14.64
7/15/2017 6:46	2.66	14.52
7/15/2017 7:16	2.67	14.46
7/15/2017 7:46	2.66	14.38
7/15/2017 8:16	2.66	14.30

Date	DO (mg/L)	Temp (°C)
7/15/2017 8:46	2.68	14.28
7/15/2017 9:16	2.72	14.26
7/15/2017 9:46	2.72	14.28
7/15/2017 10:16	2.73	14.30
7/15/2017 10:46	2.76	14.28
7/15/2017 11:16	2.77	14.28
7/15/2017 11:46	2.80	14.28
7/15/2017 12:16	2.81	14.30
7/15/2017 12:46	2.82	14.34
7/15/2017 13:16	2.90	14.42
7/15/2017 13:46	2.87	14.42
7/15/2017 14:16	3.03	14.48
7/15/2017 14:46	2.95	14.52
7/15/2017 15:16	2.87	14.50
7/15/2017 15:46	2.98	14.52
7/15/2017 16:16	2.93	14.50
7/15/2017 16:46	2.76	14.42
7/15/2017 17:16	2.73	14.36
7/15/2017 17:46	2.73	14.34
7/15/2017 18:16	2.72	14.34
7/15/2017 18:46	2.72	14.34
7/15/2017 19:16	2.67	14.32
7/15/2017 19:46	2.64	14.30
7/15/2017 20:16	2.60	14.26
7/15/2017 20:46	2.58	14.22
7/15/2017 21:16	2.56	14.18
7/15/2017 21:46	2.54	14.16
7/15/2017 22:16	2.54	14.16
7/15/2017 22:46	2.54	14.14
7/15/2017 23:16	2.55	14.12
7/15/2017 23:46	2.54	14.06
7/16/2017 0:16	2.54	14.04
7/16/2017 0:46	2.52	14.02
7/16/2017 1:16	2.52	14.02
7/16/2017 1:46	2.50	14.02
7/16/2017 2:16	2.48	14.04
7/16/2017 2:46	2.45	14.00
7/16/2017 3:16	2.43	13.96
7/16/2017 3:46	2.46	13.92
7/16/2017 4:16	2.46	13.92
7/16/2017 4:46	2.47	13.92
7/16/2017 5:16	2.48	13.90
7/16/2017 5:46	2.48	13.88

Date	DO (mg/L)	Temp (°C)
7/16/2017 6:16	2.49	13.92
7/16/2017 6:46	2.47	13.96
7/16/2017 7:16	2.48	13.92
7/16/2017 7:46	2.48	13.86
7/16/2017 8:16	2.50	13.82
7/16/2017 8:46	2.46	13.78
7/16/2017 9:16	2.45	13.80
7/16/2017 9:46	2.43	13.84
7/16/2017 10:16	2.46	13.86
7/16/2017 10:46	2.52	13.90
7/16/2017 11:16	2.59	13.98
7/16/2017 11:46	2.61	14.02
7/16/2017 12:16	2.66	14.12
7/16/2017 12:46	2.68	14.16
7/16/2017 13:16	2.75	14.24
7/16/2017 13:46	2.85	14.38
7/16/2017 14:16	2.94	14.50
7/16/2017 14:46	2.89	14.54
7/16/2017 15:16	2.92	14.60
7/16/2017 15:46	3.02	14.66
7/16/2017 16:16	2.91	14.50
7/16/2017 16:46	2.76	14.30
7/16/2017 17:16	2.71	14.24
7/16/2017 17:46	2.66	14.20
7/16/2017 18:16	2.66	14.20
7/16/2017 18:46	2.63	14.20
7/16/2017 19:16	2.57	14.20
7/16/2017 19:46	2.52	14.20
7/16/2017 20:16	2.48	14.20
7/16/2017 20:46	2.49	14.20
7/16/2017 21:16	2.48	14.20
7/16/2017 21:46	2.49	14.20
7/16/2017 22:16	2.54	14.20
7/16/2017 22:46	2.52	14.22
7/16/2017 23:16	2.52	14.22
7/16/2017 23:46	2.49	14.22
7/17/2017 0:16	2.50	14.22
7/17/2017 0:46	2.46	14.20
7/17/2017 1:16	2.48	14.16
7/17/2017 1:46	2.48	14.10
7/17/2017 2:16	2.48	14.10
7/17/2017 2:46	2.49	14.12
7/17/2017 3:16	2.49	14.14

Date	DO (mg/L)	Temp (°C)
7/17/2017 3:46	2.51	14.14
7/17/2017 4:16	2.48	14.16
7/17/2017 4:46	2.47	14.16
7/17/2017 5:16	2.49	14.14
7/17/2017 5:46	2.52	14.14
7/17/2017 6:16	2.55	14.18
7/17/2017 6:46	2.56	14.22
7/17/2017 7:16	2.58	14.26
7/17/2017 7:46	2.64	14.28
7/17/2017 8:16	2.65	14.26
7/17/2017 8:46	2.67	14.28
7/17/2017 9:16	2.67	14.30
7/17/2017 9:46	2.72	14.34
7/17/2017 10:16	2.71	14.30
7/17/2017 10:46	2.78	14.34
7/17/2017 11:16	7.59	13.64
7/17/2017 11:46	7.58	17.10
7/17/2017 12:16	7.54	17.28
7/17/2017 12:46	7.56	17.28
7/17/2017 13:16	7.55	17.28
7/17/2017 13:46	7.57	17.30
7/17/2017 14:16	5.95	17.52
7/17/2017 14:46	5.05	18.06
7/17/2017 15:16	5.11	18.62
7/17/2017 15:46	5.03	18.82
7/17/2017 16:16	4.97	18.70
7/17/2017 16:46	4.85	18.44
7/17/2017 17:16	4.82	18.30
7/17/2017 17:46	4.75	18.22
7/17/2017 18:16	4.76	18.18
7/17/2017 18:46	4.69	18.12
7/17/2017 19:16	4.68	18.08
7/17/2017 19:46	4.62	18.04
7/17/2017 20:16	4.61	18.00
7/17/2017 20:46	4.55	17.96
7/17/2017 21:16	4.27	17.74
7/17/2017 21:46	3.90	17.20
7/17/2017 22:16	3.54	16.60
7/17/2017 22:46	3.34	16.14
7/17/2017 23:16	3.16	15.78
7/17/2017 23:46	3.03	15.48
7/18/2017 0:16	2.98	15.26
7/18/2017 0:46	2.93	15.10

Date	DO (mg/L)	Temp (°C)
7/18/2017 1:16	2.90	15.00
7/18/2017 1:46	2.83	14.90
7/18/2017 2:16	2.77	14.78
7/18/2017 2:46	2.69	14.66
7/18/2017 3:16	2.60	14.52
7/18/2017 3:46	2.50	14.36
7/18/2017 4:16	2.45	14.26
7/18/2017 4:46	2.43	14.20
7/18/2017 5:16	2.45	14.20
7/18/2017 5:46	2.49	14.24
7/18/2017 6:16	2.55	14.30
7/18/2017 6:46	2.58	14.30
7/18/2017 7:16	2.61	14.26
7/18/2017 7:46	2.65	14.22
7/18/2017 8:16	2.68	14.20
7/18/2017 8:46	2.73	14.22
7/18/2017 9:16	2.73	14.24
7/18/2017 9:46	2.73	14.24
7/18/2017 10:16	2.76	14.22
7/18/2017 10:46	2.81	14.24
7/18/2017 11:16	2.81	14.24
7/18/2017 11:46	2.75	14.20
7/18/2017 12:16	2.81	14.30
7/18/2017 12:46	2.73	14.32
7/18/2017 13:16	2.91	14.58
7/18/2017 13:46	2.80	14.66
7/18/2017 14:16	2.86	14.66
7/18/2017 14:46	3.01	14.80
7/18/2017 15:16	3.00	14.80
7/18/2017 15:46	2.90	14.76
7/18/2017 16:16	2.99	14.74
7/18/2017 16:46	2.68	14.44
7/18/2017 17:16	2.61	14.34
7/18/2017 17:46	2.60	14.32
7/18/2017 18:16	2.59	14.28
7/18/2017 18:46	2.57	14.24
7/18/2017 19:16	2.54	14.22
7/18/2017 19:46	2.55	14.20
7/18/2017 20:16	2.49	14.16
7/18/2017 20:46	2.46	14.14
7/18/2017 21:16	2.41	14.12
7/18/2017 21:46	2.37	14.10
7/18/2017 22:16	2.36	14.08

Date	DO (mg/L)	Temp (°C)
7/18/2017 22:46	2.32	14.04
7/18/2017 23:16	2.30	14.02
7/18/2017 23:46	2.30	13.98
7/19/2017 0:16	2.28	13.98
7/19/2017 0:46	2.30	13.98
7/19/2017 1:16	2.31	14.00
7/19/2017 1:46	2.34	14.02
7/19/2017 2:16	2.32	14.00
7/19/2017 2:46	2.34	14.00
7/19/2017 3:16	2.32	14.04
7/19/2017 3:46	2.36	14.06
7/19/2017 4:16	2.31	14.08
7/19/2017 4:46	2.32	14.08
7/19/2017 5:16	2.36	14.06
7/19/2017 5:46	2.34	14.04
7/19/2017 6:16	2.33	14.02
7/19/2017 6:46	2.39	14.04
7/19/2017 7:16	2.45	14.08
7/19/2017 7:46	2.50	14.14
7/19/2017 8:16	2.50	14.14
7/19/2017 8:46	2.55	14.10
7/19/2017 9:16	2.57	14.32
7/19/2017 9:46	2.47	14.18
7/19/2017 10:16	2.52	14.22
7/19/2017 10:46	2.54	14.24
7/19/2017 11:16	2.58	14.28
7/19/2017 11:46	2.61	14.36
7/19/2017 12:16	7.68	13.74
7/19/2017 12:46	7.42	16.64
7/19/2017 13:16	7.39	16.74
7/19/2017 13:46	7.38	16.72
7/19/2017 14:16	7.32	16.64
7/19/2017 14:46	7.37	16.72
7/19/2017 15:16	5.51	16.86
7/19/2017 15:46	4.59	17.38
7/19/2017 16:16	4.50	17.88
7/19/2017 16:46	4.29	17.78
7/19/2017 17:16	4.30	17.70
7/19/2017 17:46	4.29	17.66
7/19/2017 18:16	4.30	17.62
7/19/2017 18:46	4.23	17.56
7/19/2017 19:16	4.15	17.52
7/19/2017 19:46	4.06	17.46

Date	DO (mg/L)	Temp (°C)
7/19/2017 20:16	3.99	17.42
7/19/2017 20:46	3.96	17.38
7/19/2017 21:16	3.91	17.36
7/19/2017 21:46	3.90	17.32
7/19/2017 22:16	3.85	17.26
7/19/2017 22:46	3.51	16.90
7/19/2017 23:16	3.16	16.38
7/19/2017 23:46	2.95	15.94
7/20/2017 0:16	2.82	15.62
7/20/2017 0:46	2.72	15.36
7/20/2017 1:16	2.64	15.16
7/20/2017 1:46	2.58	15.00
7/20/2017 2:16	2.48	14.86
7/20/2017 2:46	2.41	14.72
7/20/2017 3:16	2.33	14.62
7/20/2017 3:46	2.29	14.54
7/20/2017 4:16	2.30	14.46
7/20/2017 4:46	2.32	14.44
7/20/2017 5:16	2.32	14.42
7/20/2017 5:46	2.32	14.40
7/20/2017 6:16	2.31	14.34
7/20/2017 6:46	2.29	14.26
7/20/2017 7:16	2.33	14.22
7/20/2017 7:46	2.38	14.20
7/20/2017 8:16	2.45	14.24
7/20/2017 8:46	2.49	14.28
7/20/2017 9:16	2.56	14.32
7/20/2017 9:46	2.58	14.36
7/20/2017 10:16	2.61	14.44
7/20/2017 10:46	2.64	14.52
7/20/2017 11:16	2.66	14.52
7/20/2017 11:46	2.66	14.52
7/20/2017 12:16	7.75	13.56
7/20/2017 12:46	7.38	16.64
7/20/2017 13:16	7.27	16.76
7/20/2017 13:46	7.30	16.72
7/20/2017 14:16	7.32	16.68
7/20/2017 14:46	7.30	16.68
7/20/2017 15:16	7.33	16.72
7/20/2017 15:46	7.28	16.64
7/20/2017 16:16	5.12	16.66
7/20/2017 16:46	4.08	17.00
7/20/2017 17:16	4.03	17.34

Date	DO (mg/L)	Temp (°C)
7/20/2017 17:46	4.08	17.48
7/20/2017 18:16	4.13	17.52
7/20/2017 18:46	4.01	17.50
7/20/2017 19:16	3.99	17.48
7/20/2017 19:46	3.97	17.44
7/20/2017 20:16	3.90	17.42
7/20/2017 20:46	3.82	17.38
7/20/2017 21:16	3.78	17.34
7/20/2017 21:46	3.78	17.32
7/20/2017 22:16	3.77	17.28
7/20/2017 22:46	3.78	17.24
7/20/2017 23:16	3.72	17.18
7/20/2017 23:46	3.34	16.80
7/21/2017 0:16	3.02	16.30
7/21/2017 0:46	2.82	15.90
7/21/2017 1:16	2.68	15.58
7/21/2017 1:46	2.60	15.36
7/21/2017 2:16	2.50	15.18
7/21/2017 2:46	2.43	15.02
7/21/2017 3:16	2.31	14.88
7/21/2017 3:46	2.24	14.74
7/21/2017 4:16	2.15	14.62
7/21/2017 4:46	2.14	14.54
7/21/2017 5:16	2.15	14.50
7/21/2017 5:46	2.13	14.46
7/21/2017 6:16	2.11	14.42
7/21/2017 6:46	2.12	14.38
7/21/2017 7:16	2.14	14.34
7/21/2017 7:46	2.20	14.34
7/21/2017 8:16	2.25	14.36
7/21/2017 8:46	2.33	14.38
7/21/2017 9:16	2.37	14.40
7/21/2017 9:46	2.45	14.46
7/21/2017 10:16	2.48	14.50
7/21/2017 10:46	2.52	14.50
7/21/2017 11:16	7.74	13.84
7/21/2017 11:46	7.37	17.08
7/21/2017 12:16	7.36	17.22
7/21/2017 12:46	7.32	17.26
7/21/2017 13:16	7.32	17.24
7/21/2017 13:46	7.30	17.16
7/21/2017 14:16	5.36	17.20
7/21/2017 14:46	4.16	17.46

Date	DO (mg/L)	Temp (°C)
7/21/2017 15:16	3.98	17.78
7/21/2017 15:46	4.05	17.92
7/21/2017 16:16	4.12	17.98
7/21/2017 16:46	4.15	18.00
7/21/2017 17:16	4.25	18.04
7/21/2017 17:46	4.29	18.04
7/21/2017 18:16	4.24	18.00
7/21/2017 18:46	4.23	17.98
7/21/2017 19:16	4.18	17.94
7/21/2017 19:46	4.09	17.88
7/21/2017 20:16	4.00	17.84
7/21/2017 20:46	3.94	17.80
7/21/2017 21:16	3.71	17.62
7/21/2017 21:46	3.25	17.06
7/21/2017 22:16	2.90	16.44
7/21/2017 22:46	2.69	15.98
7/21/2017 23:16	2.59	15.66
7/21/2017 23:46	2.50	15.44
7/22/2017 0:16	2.47	15.30
7/22/2017 0:46	2.42	15.18
7/22/2017 1:16	2.36	15.08
7/22/2017 1:46	2.26	14.98
7/22/2017 2:16	2.17	14.84
7/22/2017 2:46	2.05	14.70
7/22/2017 3:16	1.96	14.52
7/22/2017 3:46	1.89	14.34
7/22/2017 4:16	1.87	14.18
7/22/2017 4:46	1.86	14.08
7/22/2017 5:16	1.88	14.08
7/22/2017 5:46	1.89	14.12
7/22/2017 6:16	1.90	14.18
7/22/2017 6:46	1.94	14.22
7/22/2017 7:16	1.95	14.24
7/22/2017 7:46	1.98	14.24
7/22/2017 8:16	2.01	14.18
7/22/2017 8:46	2.05	14.10
7/22/2017 9:16	2.10	14.10
7/22/2017 9:46	2.16	14.18
7/22/2017 10:16	7.94	14.14
7/22/2017 10:46	7.32	17.26
7/22/2017 11:16	7.26	17.32
7/22/2017 11:46	7.20	17.28
7/22/2017 12:16	7.27	17.30

Date	DO (mg/L)	Temp (°C)
7/22/2017 12:46	7.28	17.46
7/22/2017 13:16	7.26	17.42
7/22/2017 13:46	7.26	17.40
7/22/2017 14:16	7.23	17.38
7/22/2017 14:46	7.20	17.18
7/22/2017 15:16	7.14	17.08
7/22/2017 15:46	7.13	16.90
7/22/2017 16:16	4.90	16.82
7/22/2017 16:46	3.86	17.12
7/22/2017 17:16	3.68	17.46
7/22/2017 17:46	3.81	17.66
7/22/2017 18:16	3.85	17.74
7/22/2017 18:46	3.77	17.74
7/22/2017 19:16	3.72	17.70
7/22/2017 19:46	3.73	17.68
7/22/2017 20:16	3.73	17.66
7/22/2017 20:46	3.73	17.62
7/22/2017 21:16	3.60	17.60
7/22/2017 21:46	3.52	17.58
7/22/2017 22:16	3.47	17.56
7/22/2017 22:46	3.45	17.54
7/22/2017 23:16	3.41	17.50
7/22/2017 23:46	3.07	17.14
7/23/2017 0:16	2.68	16.62
7/23/2017 0:46	2.41	16.22
7/23/2017 1:16	2.23	15.92
7/23/2017 1:46	2.11	15.72
7/23/2017 2:16	2.02	15.56
7/23/2017 2:46	1.93	15.46
7/23/2017 3:16	1.84	15.36
7/23/2017 3:46	1.76	15.28
7/23/2017 4:16	1.64	15.18
7/23/2017 4:46	1.54	15.10
7/23/2017 5:16	1.44	14.94
7/23/2017 5:46	1.41	14.82
7/23/2017 6:16	1.40	14.70
7/23/2017 6:46	1.38	14.60
7/23/2017 7:16	1.37	14.52
7/23/2017 7:46	1.34	14.46
7/23/2017 8:16	1.29	14.38
7/23/2017 8:46	1.28	14.30
7/23/2017 9:16	1.26	14.26
7/23/2017 9:46	1.24	14.22

Date	DO (mg/L)	Temp (°C)
7/23/2017 10:16	1.24	14.20
7/23/2017 10:46	1.27	14.18
7/23/2017 11:16	1.26	14.18
7/23/2017 11:46	1.27	14.16
7/23/2017 12:16	1.27	14.18
7/23/2017 12:46	1.27	14.16
7/23/2017 13:16	1.32	14.14
7/23/2017 13:46	1.35	14.16
7/23/2017 14:16	1.29	14.14
7/23/2017 14:46	1.28	14.16
7/23/2017 15:16	1.37	14.24
7/23/2017 15:46	1.41	14.28
7/23/2017 16:16	1.47	14.32
7/23/2017 16:46	1.47	14.36
7/23/2017 17:16	1.44	14.38
7/23/2017 17:46	1.42	14.38
7/23/2017 18:16	1.42	14.38
7/23/2017 18:46	1.41	14.38
7/23/2017 19:16	1.38	14.38
7/23/2017 19:46	1.32	14.34
7/23/2017 20:16	1.28	14.30
7/23/2017 20:46	1.25	14.26
7/23/2017 21:16	1.18	14.22
7/23/2017 21:46	1.17	14.20
7/23/2017 22:16	1.11	14.14
7/23/2017 22:46	1.15	14.10
7/23/2017 23:16	1.17	14.10
7/23/2017 23:46	1.18	14.12
7/24/2017 0:16	1.16	14.14
7/24/2017 0:46	1.14	14.18
7/24/2017 1:16	1.15	14.18
7/24/2017 1:46	1.17	14.18
7/24/2017 2:16	1.18	14.18
7/24/2017 2:46	1.23	14.18
7/24/2017 3:16	1.26	14.16
7/24/2017 3:46	1.29	14.18
7/24/2017 4:16	1.28	14.20
7/24/2017 4:46	1.31	14.26
7/24/2017 5:16	1.29	14.28
7/24/2017 5:46	1.27	14.30
7/24/2017 6:16	1.32	14.24
7/24/2017 6:46	1.36	14.18
7/24/2017 7:16	1.41	14.18

Date	DO (mg/L)	Temp (°C)
7/24/2017 7:46	1.40	14.22
7/24/2017 8:16	1.37	14.24
7/24/2017 8:46	1.33	14.24
7/24/2017 9:16	1.35	14.24
7/24/2017 9:46	1.40	14.24
7/24/2017 10:16	1.43	14.28
7/24/2017 10:46	1.43	14.36
7/24/2017 11:16	1.47	14.44
7/24/2017 11:46	1.54	14.56
7/24/2017 12:16	5.93	13.64
7/24/2017 12:46	6.57	15.46
7/24/2017 13:16	6.54	15.66
7/24/2017 13:46	6.52	15.70
7/24/2017 14:16	5.08	15.72
7/24/2017 14:46	3.34	16.10
7/24/2017 15:16	3.02	16.48
7/24/2017 15:46	3.33	16.76
7/24/2017 16:16	3.00	16.70
7/24/2017 16:46	3.03	16.72
7/24/2017 17:16	2.98	16.68
7/24/2017 17:46	2.98	16.64
7/24/2017 18:16	2.87	16.58
7/24/2017 18:46	2.78	16.52
7/24/2017 19:16	2.72	16.48
7/24/2017 19:46	2.66	16.46
7/24/2017 20:16	2.63	16.44
7/24/2017 20:46	2.59	16.42
7/24/2017 21:16	2.52	16.36
7/24/2017 21:46	2.43	16.28
7/24/2017 22:16	2.17	15.98
7/24/2017 22:46	1.95	15.60
7/24/2017 23:16	1.81	15.28
7/24/2017 23:46	1.68	15.00
7/25/2017 0:16	1.56	14.72
7/25/2017 0:46	1.45	14.52
7/25/2017 1:16	1.37	14.36
7/25/2017 1:46	1.29	14.24
7/25/2017 2:16	1.26	14.16
7/25/2017 2:46	1.25	14.16
7/25/2017 3:16	1.24	14.16
7/25/2017 3:46	1.26	14.14
7/25/2017 4:16	1.27	14.14
7/25/2017 4:46	1.27	14.12

Date	DO (mg/L)	Temp (°C)
7/25/2017 5:16	1.23	14.06
7/25/2017 5:46	1.23	14.00
7/25/2017 6:16	1.25	13.96
7/25/2017 6:46	1.25	13.96
7/25/2017 7:16	1.27	13.98
7/25/2017 7:46	1.29	14.04
7/25/2017 8:16	1.36	14.12
7/25/2017 8:46	1.47	14.24
7/25/2017 9:16	1.55	14.32
7/25/2017 9:46	1.59	14.34
7/25/2017 10:16	1.60	14.38
7/25/2017 10:46	1.62	14.40
7/25/2017 11:16	1.61	14.42
7/25/2017 11:46	1.67	14.42
7/25/2017 12:16	1.72	14.46
7/25/2017 12:46	1.75	14.48
7/25/2017 13:16	1.73	14.50
7/25/2017 13:46	1.77	14.52
7/25/2017 14:16	6.09	13.26
7/25/2017 14:46	6.58	15.38
7/25/2017 15:16	6.51	15.20
7/25/2017 15:46	6.63	15.34
7/25/2017 16:16	6.79	15.64
7/25/2017 16:46	6.67	15.82
7/25/2017 17:16	6.65	15.66
7/25/2017 17:46	6.61	15.58
7/25/2017 18:16	4.24	15.64
7/25/2017 18:46	4.33	16.22
7/25/2017 19:16	2.68	15.78
7/25/2017 19:46	3.10	15.82
7/25/2017 20:16	2.72	16.10
7/25/2017 20:46	2.55	16.24
7/25/2017 21:16	2.46	16.28
7/25/2017 21:46	2.42	16.32
7/25/2017 22:16	2.46	16.36
7/25/2017 22:46	2.46	16.38
7/25/2017 23:16	2.46	16.38
7/25/2017 23:46	2.45	16.36
7/26/2017 0:16	2.46	16.38
7/26/2017 0:46	2.46	16.38
7/26/2017 1:16	2.46	16.36
7/26/2017 1:46	2.40	16.30
7/26/2017 2:16	2.21	16.10

Date	DO (mg/L)	Temp (°C)
7/26/2017 2:46	1.97	15.76
7/26/2017 3:16	1.77	15.42
7/26/2017 3:46	1.56	15.12
7/26/2017 4:16	1.45	14.84
7/26/2017 4:46	1.35	14.62
7/26/2017 5:16	1.27	14.44
7/26/2017 5:46	1.23	14.34
7/26/2017 6:16	1.25	14.28
7/26/2017 6:46	1.26	14.26
7/26/2017 7:16	1.25	14.24
7/26/2017 7:46	1.27	14.22
7/26/2017 8:16	1.29	14.22
7/26/2017 8:46	1.33	14.24
7/26/2017 9:16	1.33	14.26
7/26/2017 9:46	1.34	14.30
7/26/2017 10:16	1.35	14.34
7/26/2017 10:46	1.36	14.38
7/26/2017 11:16	1.43	14.42
7/26/2017 11:46	1.53	14.48
7/26/2017 12:16	1.58	14.62
7/26/2017 12:46	1.55	14.64
7/26/2017 13:16	1.82	14.98
7/26/2017 13:46	1.91	15.18
7/26/2017 14:16	5.97	13.92
7/26/2017 14:46	6.94	16.16
7/26/2017 15:16	6.77	16.34
7/26/2017 15:46	7.03	16.58
7/26/2017 16:16	7.11	17.14
7/26/2017 16:46	6.83	16.42
7/26/2017 17:16	6.92	16.46
7/26/2017 17:46	6.96	16.46
7/26/2017 18:16	4.93	17.18
7/26/2017 18:46	3.73	17.38
7/26/2017 19:16	3.45	17.70
7/26/2017 19:46	3.45	17.82
7/26/2017 20:16	3.28	17.76
7/26/2017 20:46	3.24	17.66
7/26/2017 21:16	3.20	17.62
7/26/2017 21:46	3.19	17.58
7/26/2017 22:16	3.13	17.50
7/26/2017 22:46	3.08	17.42
7/26/2017 23:16	3.04	17.36
7/26/2017 23:46	3.03	17.30

Date	DO (mg/L)	Temp (°C)
7/27/2017 0:16	2.99	17.24
7/27/2017 0:46	2.89	17.14
7/27/2017 1:16	2.84	17.04
7/27/2017 1:46	2.55	16.74
7/27/2017 2:16	2.23	16.30
7/27/2017 2:46	2.04	15.88
7/27/2017 3:16	1.91	15.60
7/27/2017 3:46	1.79	15.32
7/27/2017 4:16	1.69	15.10
7/27/2017 4:46	1.64	14.90
7/27/2017 5:16	1.54	14.76
7/27/2017 5:46	1.49	14.64
7/27/2017 6:16	1.43	14.62
7/27/2017 6:46	1.42	14.66
7/27/2017 7:16	1.41	14.70
7/27/2017 7:46	1.45	14.68
7/27/2017 8:16	1.53	14.68
7/27/2017 8:46	1.63	14.74
7/27/2017 9:16	1.73	14.80
7/27/2017 9:46	1.87	14.82
7/27/2017 10:16	1.94	14.84
7/27/2017 10:46	2.04	14.86
7/27/2017 11:16	2.10	14.92
7/27/2017 11:46	2.05	14.90
7/27/2017 12:16	6.14	13.66
7/27/2017 12:46	7.12	17.34
7/27/2017 13:16	6.94	16.56
7/27/2017 13:46	7.00	16.54
7/27/2017 14:16	6.88	16.80
7/27/2017 14:46	7.15	17.00
7/27/2017 15:16	6.72	16.60
7/27/2017 15:46	6.48	15.78
7/27/2017 16:16	6.77	15.82
7/27/2017 16:46	6.91	16.96
7/27/2017 17:16	6.46	15.74
7/27/2017 17:46	6.54	15.66
7/27/2017 18:16	4.08	15.72
7/27/2017 18:46	2.41	16.02
7/27/2017 19:16	2.33	16.56
7/27/2017 19:46	2.56	16.92
7/27/2017 20:16	2.65	17.08
7/27/2017 20:46	2.68	17.16
7/27/2017 21:16	2.69	17.22

Date	DO (mg/L)	Temp (°C)
7/27/2017 21:46	2.66	17.22
7/27/2017 22:16	2.59	17.16
7/27/2017 22:46	2.49	17.06
7/27/2017 23:16	2.42	16.96
7/27/2017 23:46	2.37	16.88
7/28/2017 0:16	2.29	16.78
7/28/2017 0:46	2.14	16.58
7/28/2017 1:16	1.75	16.14
7/28/2017 1:46	1.42	15.60
7/28/2017 2:16	1.16	15.10
7/28/2017 2:46	1.00	14.74
7/28/2017 3:16	0.93	14.54
7/28/2017 3:46	0.89	14.42
7/28/2017 4:16	0.91	14.34
7/28/2017 4:46	0.89	14.30
7/28/2017 5:16	0.88	14.24
7/28/2017 5:46	0.91	14.18
7/28/2017 6:16	0.90	14.12
7/28/2017 6:46	0.85	14.06
7/28/2017 7:16	0.85	14.14
7/28/2017 7:46	1.05	14.24
7/28/2017 8:16	1.16	14.32
7/28/2017 8:46	1.24	14.38
7/28/2017 9:16	1.36	14.40
7/28/2017 9:46	1.73	14.44
7/28/2017 10:16	1.49	14.44
7/28/2017 10:46	1.42	14.40
7/28/2017 11:16	5.96	13.54
7/28/2017 11:46	6.86	17.24
7/28/2017 12:16	6.88	17.46
7/28/2017 12:46	6.89	17.46
7/28/2017 13:16	6.86	17.46
7/28/2017 13:46	6.91	17.46
7/28/2017 14:16	6.94	17.52
7/28/2017 14:46	6.95	17.00
7/28/2017 15:16	6.69	16.74
7/28/2017 15:46	6.65	16.90
7/28/2017 16:16	6.83	16.60
7/28/2017 16:46	6.66	16.98
7/28/2017 17:16	6.77	17.02
7/28/2017 17:46	6.58	16.70
7/28/2017 18:16	6.43	16.60
7/28/2017 18:46	6.69	16.88

Date	DO (mg/L)	Temp (°C)
7/28/2017 19:16	6.71	17.12
7/28/2017 19:46	6.60	17.06
7/28/2017 20:16	6.71	17.36
7/28/2017 20:46	7.05	17.44
7/28/2017 21:16	5.90	18.10
7/28/2017 21:46	3.82	18.06
7/28/2017 22:16	3.36	18.26
7/28/2017 22:46	3.24	18.38
7/28/2017 23:16	3.08	18.36
7/28/2017 23:46	3.03	18.30
7/29/2017 0:16	3.01	18.26
7/29/2017 0:46	2.99	18.20
7/29/2017 1:16	2.96	18.16
7/29/2017 1:46	2.91	18.14
7/29/2017 2:16	3.04	18.12
7/29/2017 2:46	3.06	18.10
7/29/2017 3:16	2.51	17.62
7/29/2017 3:46	1.81	16.86
7/29/2017 4:16	1.33	16.14
7/29/2017 4:46	0.91	15.58
7/29/2017 5:16	0.73	15.14
7/29/2017 5:46	0.72	14.90
7/29/2017 6:16	0.74	14.84
7/29/2017 6:46	0.84	14.80
7/29/2017 7:16	1.10	14.82
7/29/2017 7:46	1.19	14.88
7/29/2017 8:16	1.10	14.86
7/29/2017 8:46	1.31	14.78
7/29/2017 9:16	1.41	14.70
7/29/2017 9:46	3.31	14.26
7/29/2017 10:16	5.70	18.08
7/29/2017 10:46	5.54	18.48
7/29/2017 11:16	5.52	18.62
7/29/2017 11:46	5.45	18.66
7/29/2017 12:16	5.48	18.76
7/29/2017 12:46	5.51	18.88
7/29/2017 13:16	5.46	18.92
7/29/2017 13:46	5.34	18.88
7/29/2017 14:16	5.03	18.66
7/29/2017 14:46	4.79	18.48
7/29/2017 15:16	4.58	18.38
7/29/2017 15:46	4.38	18.22
7/29/2017 16:16	4.17	18.12

Date	DO (mg/L)	Temp (°C)
7/29/2017 16:46	3.83	17.94
7/29/2017 17:16	3.57	17.80
7/29/2017 17:46	3.39	17.72
7/29/2017 18:16	3.22	17.52
7/29/2017 18:46	3.11	17.42
7/29/2017 19:16	2.98	17.34
7/29/2017 19:46	2.93	17.34
7/29/2017 20:16	3.03	17.50
7/29/2017 20:46	3.01	17.58
7/29/2017 21:16	3.08	17.62
7/29/2017 21:46	3.21	17.80
7/29/2017 22:16	3.21	17.86
7/29/2017 22:46	3.24	17.94
7/29/2017 23:16	3.30	18.04
7/29/2017 23:46	3.28	18.00
7/30/2017 0:16	3.33	18.00
7/30/2017 0:46	3.26	17.92
7/30/2017 1:16	3.18	17.76
7/30/2017 1:46	3.17	17.68
7/30/2017 2:16	3.12	17.54
7/30/2017 2:46	3.11	17.44
7/30/2017 3:16	3.17	17.34
7/30/2017 3:46	3.19	17.24
7/30/2017 4:16	3.25	17.18
7/30/2017 4:46	3.31	17.14
7/30/2017 5:16	3.45	17.10
7/30/2017 5:46	3.54	17.10
7/30/2017 6:16	3.65	17.10
7/30/2017 6:46	3.78	17.12
7/30/2017 7:16	3.87	17.14
7/30/2017 7:46	3.95	17.14
7/30/2017 8:16	4.11	17.18
7/30/2017 8:46	4.22	17.24
7/30/2017 9:16	4.39	17.30
7/30/2017 9:46	4.52	17.32
7/30/2017 10:16	4.62	17.34
7/30/2017 10:46	4.78	17.42
7/30/2017 11:16	4.92	17.56
7/30/2017 11:46	5.00	17.60
7/30/2017 12:16	5.05	17.62
7/30/2017 12:46	5.18	17.64
7/30/2017 13:16	5.22	17.58
7/30/2017 13:46	5.22	17.52

Date	DO (mg/L)	Temp (°C)
7/30/2017 14:16	5.26	17.50
7/30/2017 14:46	5.35	17.48
7/30/2017 15:16	5.40	17.52
7/30/2017 15:46	5.51	17.64
7/30/2017 16:16	5.56	17.68
7/30/2017 16:46	5.62	17.74
7/30/2017 17:16	5.60	17.70
7/30/2017 17:46	5.63	17.68
7/30/2017 18:16	5.64	17.66
7/30/2017 18:46	5.67	17.72
7/30/2017 19:16	5.72	17.68
7/30/2017 19:46	5.84	17.78
7/30/2017 20:16	5.99	17.92
7/30/2017 20:46	6.04	17.94
7/30/2017 21:16	6.14	18.00
7/30/2017 21:46	6.23	18.08
7/30/2017 22:16	6.34	18.12
7/30/2017 22:46	6.40	18.20
7/30/2017 23:16	6.42	18.22
7/30/2017 23:46	6.49	18.24
7/31/2017 0:16	6.50	18.22
7/31/2017 0:46	6.52	18.16
7/31/2017 1:16	6.51	18.06
7/31/2017 1:46	6.52	18.00
7/31/2017 2:16	6.52	17.94
7/31/2017 2:46	6.52	17.88
7/31/2017 3:16	6.52	17.84
7/31/2017 3:46	6.53	17.80
7/31/2017 4:16	6.56	17.78
7/31/2017 4:46	6.57	17.78
7/31/2017 5:16	6.58	17.76
7/31/2017 5:46	6.54	17.74
7/31/2017 6:16	6.54	17.72
7/31/2017 6:46	6.53	17.70
7/31/2017 7:16	6.56	17.72
7/31/2017 7:46	6.50	17.70
7/31/2017 8:16	6.54	17.72
7/31/2017 8:46	6.56	17.74
7/31/2017 9:16	6.54	17.76
7/31/2017 9:46	6.56	17.76
7/31/2017 10:16	6.54	17.76
7/31/2017 10:46	6.56	17.76
7/31/2017 11:16	5.29	17.80

Date	DO (mg/L)	Temp (°C)
7/31/2017 11:46	3.27	17.94
7/31/2017 12:16	4.61	18.12
7/31/2017 12:46	4.58	18.28
7/31/2017 13:16	4.26	18.74
7/31/2017 13:46	3.17	19.16
7/31/2017 14:16	5.28	16.68
7/31/2017 14:46	6.60	17.56
7/31/2017 15:16	6.58	17.70
7/31/2017 15:46	6.59	17.64
7/31/2017 16:16	6.57	17.60
7/31/2017 16:46	6.58	17.58
7/31/2017 17:16	6.58	17.60
7/31/2017 17:46	6.61	17.68
7/31/2017 18:16	6.61	17.66
7/31/2017 18:46	6.61	17.72
7/31/2017 19:16	6.61	17.78
7/31/2017 19:46	6.72	17.88
7/31/2017 20:16	6.77	18.04
7/31/2017 20:46	6.85	18.20
7/31/2017 21:16	6.86	18.26
7/31/2017 21:46	6.92	18.34
7/31/2017 22:16	6.97	18.46
7/31/2017 22:46	7.07	18.60
7/31/2017 23:16	7.11	18.68
7/31/2017 23:46	7.09	18.70
8/1/2017 0:16	7.06	18.64
8/1/2017 0:46	7.02	18.50
8/1/2017 1:16	6.93	18.30
8/1/2017 1:46	6.91	18.14
8/1/2017 2:16	6.86	18.00
8/1/2017 2:46	6.84	17.90
8/1/2017 3:16	6.84	17.88
8/1/2017 3:46	6.81	17.84
8/1/2017 4:16	6.79	17.82
8/1/2017 4:46	6.78	17.78
8/1/2017 5:16	6.77	17.74
8/1/2017 5:46	6.75	17.72
8/1/2017 6:16	6.74	17.76
8/1/2017 6:46	6.75	17.78
8/1/2017 7:16	6.75	17.82
8/1/2017 7:46	6.52	17.26
8/1/2017 8:16	6.50	17.04
8/1/2017 8:46	6.09	16.94

Date	DO (mg/L)	Temp (°C)
8/1/2017 9:16	6.17	16.76
8/1/2017 9:46	6.59	17.10
8/1/2017 10:16	6.53	17.42
8/1/2017 10:46	6.45	17.42
8/1/2017 11:16	6.41	17.42
8/1/2017 11:46	6.32	17.26
8/1/2017 12:16	6.31	17.48
8/1/2017 12:46	6.58	17.08
8/1/2017 13:16	6.46	17.60
8/1/2017 13:46	6.22	16.80
8/1/2017 14:16	5.99	16.86
8/1/2017 14:46	6.01	16.40
8/1/2017 15:16	5.91	16.82
8/1/2017 15:46	5.96	16.52
8/1/2017 16:16	6.01	16.44
8/1/2017 16:46	5.98	16.44
8/1/2017 17:16	5.99	16.42
8/1/2017 17:46	5.99	16.38
8/1/2017 18:16	6.22	16.52
8/1/2017 18:46	6.13	16.66
8/1/2017 19:16	6.08	16.50
8/1/2017 19:46	6.22	16.52
8/1/2017 20:16	6.16	16.54
8/1/2017 20:46	6.36	16.98
8/1/2017 21:16	6.49	17.24
8/1/2017 21:46	6.28	17.52
8/1/2017 22:16	6.24	17.04
8/1/2017 22:46	6.22	17.26
8/1/2017 23:16	6.72	17.34
8/1/2017 23:46	6.70	17.90
8/2/2017 0:16	4.29	17.16
8/2/2017 0:46	2.29	17.18
8/2/2017 1:16	1.86	17.48
8/2/2017 1:46	1.90	17.72
8/2/2017 2:16	2.03	17.86
8/2/2017 2:46	2.12	17.98
8/2/2017 3:16	2.15	18.02
8/2/2017 3:46	2.11	18.00
8/2/2017 4:16	2.05	17.94
8/2/2017 4:46	2.08	17.94
8/2/2017 5:16	2.26	18.06
8/2/2017 5:46	2.45	18.20
8/2/2017 6:16	2.59	18.32

Date	DO (mg/L)	Temp (°C)
8/2/2017 6:46	2.60	18.38
8/2/2017 7:16	5.55	15.62
8/2/2017 7:46	6.21	16.90
8/2/2017 8:16	6.27	17.18
8/2/2017 8:46	6.52	17.66
8/2/2017 9:16	6.28	17.48
8/2/2017 9:46	6.41	17.30
8/2/2017 10:16	6.61	17.56
8/2/2017 10:46	6.59	17.66
8/2/2017 11:16	6.59	17.52
8/2/2017 11:46	6.71	17.90
8/2/2017 12:16	6.22	17.42
8/2/2017 12:46	6.44	16.98
8/2/2017 13:16	6.41	17.44
8/2/2017 13:46	6.28	16.98
8/2/2017 14:16	6.42	17.24
8/2/2017 14:46	6.10	16.64
8/2/2017 15:16	6.45	16.80
8/2/2017 15:46	6.30	16.96
8/2/2017 16:16	6.42	16.96
8/2/2017 16:46	6.51	16.98
8/2/2017 17:16	6.24	16.90
8/2/2017 17:46	6.41	16.72
8/2/2017 18:16	6.21	17.00
8/2/2017 18:46	6.23	16.74
8/2/2017 19:16	6.10	16.68
8/2/2017 19:46	6.09	16.62
8/2/2017 20:16	6.05	16.72
8/2/2017 20:46	6.52	17.00
8/2/2017 21:16	6.69	17.70
8/2/2017 21:46	6.60	17.56
8/2/2017 22:16	6.08	16.58
8/2/2017 22:46	6.07	16.46
8/2/2017 23:16	3.34	16.50
8/2/2017 23:46	1.68	16.64
8/3/2017 0:16	1.42	16.96
8/3/2017 0:46	1.49	17.18
8/3/2017 1:16	1.53	17.24
8/3/2017 1:46	1.46	17.18
8/3/2017 2:16	1.47	17.18
8/3/2017 2:46	1.53	17.18
8/3/2017 3:16	1.56	17.18
8/3/2017 3:46	1.54	17.18

Date	DO (mg/L)	Temp (°C)
8/3/2017 4:16	1.47	17.14
8/3/2017 4:46	1.36	17.04
8/3/2017 5:16	1.09	16.68
8/3/2017 5:46	0.75	16.06
8/3/2017 6:16	0.61	15.50
8/3/2017 6:46	0.56	15.20
8/3/2017 7:16	5.79	14.36
8/3/2017 7:46	6.45	17.20
8/3/2017 8:16	6.32	16.68
8/3/2017 8:46	6.46	17.08
8/3/2017 9:16	6.33	16.94
8/3/2017 9:46	6.44	17.22
8/3/2017 10:16	6.53	17.02
8/3/2017 10:46	6.69	17.62
8/3/2017 11:16	6.25	16.62
8/3/2017 11:46	6.81	17.58
8/3/2017 12:16	6.43	17.50
8/3/2017 12:46	6.43	17.02
8/3/2017 13:16	6.66	17.90
8/3/2017 13:46	6.21	16.84
8/3/2017 14:16	6.65	17.18
8/3/2017 14:46	6.69	17.94
8/3/2017 15:16	6.17	16.92
8/3/2017 15:46	6.53	16.72
8/3/2017 16:16	6.57	17.58
8/3/2017 16:46	6.54	17.74
8/3/2017 17:16	6.00	16.68
8/3/2017 17:46	6.50	16.60
8/3/2017 18:16	6.58	17.34
8/3/2017 18:46	6.37	17.22
8/3/2017 19:16	6.58	17.20
8/3/2017 19:46	6.23	17.18
8/3/2017 20:16	6.51	17.06
8/3/2017 20:46	6.66	17.70
8/3/2017 21:16	6.36	17.08
8/3/2017 21:46	6.21	17.22
8/3/2017 22:16	6.46	17.04
8/3/2017 22:46	6.15	16.74
8/3/2017 23:16	3.53	16.70
8/3/2017 23:46	1.71	16.78
8/4/2017 0:16	1.54	17.06
8/4/2017 0:46	1.66	17.24
8/4/2017 1:16	1.79	17.42

Date	DO (mg/L)	Temp (°C)
8/4/2017 1:46	1.97	17.56
8/4/2017 2:16	1.94	17.60
8/4/2017 2:46	1.79	17.50
8/4/2017 3:16	1.55	17.28
8/4/2017 3:46	1.29	16.94
8/4/2017 4:16	0.89	16.22
8/4/2017 4:46	0.71	15.52
8/4/2017 5:16	0.65	15.18
8/4/2017 5:46	0.65	15.06
8/4/2017 6:16	0.66	15.04
8/4/2017 6:46	0.65	15.02
8/4/2017 7:16	0.53	14.96
8/4/2017 7:46	0.42	15.06
8/4/2017 8:16	0.50	15.20
8/4/2017 8:46	0.58	15.34
8/4/2017 9:16	0.64	15.46
8/4/2017 9:46	0.67	15.50
8/4/2017 10:16	0.68	15.46
8/4/2017 10:46	0.74	15.48
8/4/2017 11:16	6.46	14.44
8/4/2017 11:46	6.94	18.32
8/4/2017 12:16	6.88	18.52
8/4/2017 12:46	6.92	18.52
8/4/2017 13:16	6.94	18.54
8/4/2017 13:46	6.89	18.54
8/4/2017 14:16	6.83	18.52
8/4/2017 14:46	6.26	17.10
8/4/2017 15:16	6.49	17.18
8/4/2017 15:46	6.48	17.28
8/4/2017 16:16	6.69	17.56
8/4/2017 16:46	6.28	17.32
8/4/2017 17:16	6.56	16.90
8/4/2017 17:46	5.98	16.66
8/4/2017 18:16	6.05	16.40
8/4/2017 18:46	6.07	16.64
8/4/2017 19:16	5.89	16.66
8/4/2017 19:46	5.97	16.50
8/4/2017 20:16	6.22	16.72
8/4/2017 20:46	6.06	16.18
8/4/2017 21:16	5.64	16.44
8/4/2017 21:46	1.47	16.50
8/4/2017 22:16	0.98	16.88
8/4/2017 22:46	1.07	17.18

Date	DO (mg/L)	Temp (°C)
8/4/2017 23:16	1.23	17.30
8/4/2017 23:46	1.19	17.30
8/5/2017 0:16	1.08	17.22
8/5/2017 0:46	0.92	17.12
8/5/2017 1:16	0.89	17.06
8/5/2017 1:46	0.83	17.04
8/5/2017 2:16	0.82	17.04
8/5/2017 2:46	0.89	17.06
8/5/2017 3:16	0.96	17.12
8/5/2017 3:46	1.07	17.24
8/5/2017 4:16	1.19	17.32
8/5/2017 4:46	1.15	17.30
8/5/2017 5:16	0.89	16.96
8/5/2017 5:46	0.77	16.64
8/5/2017 6:16	0.68	16.36
8/5/2017 6:46	0.59	16.16
8/5/2017 7:16	0.56	15.96
8/5/2017 7:46	0.53	15.76
8/5/2017 8:16	0.50	15.56
8/5/2017 8:46	0.55	15.44
8/5/2017 9:16	0.57	15.34
8/5/2017 9:46	0.61	15.20
8/5/2017 10:16	0.66	15.10
8/5/2017 10:46	0.74	15.08
8/5/2017 11:16	5.49	14.12
8/5/2017 11:46	5.69	15.90
8/5/2017 12:16	5.62	16.00
8/5/2017 12:46	5.63	15.94
8/5/2017 13:16	5.64	15.94
8/5/2017 13:46	5.65	15.94
8/5/2017 14:16	3.50	16.02
8/5/2017 14:46	1.38	16.28
8/5/2017 15:16	1.12	16.76
8/5/2017 15:46	1.37	17.16
8/5/2017 16:16	1.31	17.22
8/5/2017 16:46	1.05	17.06
8/5/2017 17:16	1.07	17.00
8/5/2017 17:46	1.03	16.96
8/5/2017 18:16	0.96	16.92
8/5/2017 18:46	0.94	16.88
8/5/2017 19:16	0.89	16.84
8/5/2017 19:46	0.84	16.82
8/5/2017 20:16	0.81	16.78

Date	DO (mg/L)	Temp (°C)
8/5/2017 20:46	0.74	16.76
8/5/2017 21:16	0.75	16.74
8/5/2017 21:46	0.70	16.70
8/5/2017 22:16	0.57	16.46
8/5/2017 22:46	0.48	16.12
8/5/2017 23:16	0.44	15.80
8/5/2017 23:46	0.38	15.52
8/6/2017 0:16	0.37	15.28
8/6/2017 0:46	0.38	15.04
8/6/2017 1:16	0.37	14.82
8/6/2017 1:46	0.40	14.70
8/6/2017 2:16	0.38	14.64
8/6/2017 2:46	0.37	14.64
8/6/2017 3:16	0.38	14.68
8/6/2017 3:46	0.39	14.70
8/6/2017 4:16	0.37	14.76
8/6/2017 4:46	0.37	14.78
8/6/2017 5:16	0.37	14.78
8/6/2017 5:46	0.36	14.76
8/6/2017 6:16	0.37	14.76
8/6/2017 6:46	0.37	14.76
8/6/2017 7:16	0.40	14.78
8/6/2017 7:46	0.45	14.80
8/6/2017 8:16	0.51	14.84
8/6/2017 8:46	0.55	14.86
8/6/2017 9:16	0.58	14.90
8/6/2017 9:46	0.66	14.96
8/6/2017 10:16	0.66	14.98
8/6/2017 10:46	0.66	15.00
8/6/2017 11:16	0.72	15.06
8/6/2017 11:46	0.72	15.08
8/6/2017 12:16	0.73	15.14
8/6/2017 12:46	0.74	15.20
8/6/2017 13:16	0.77	15.32
8/6/2017 13:46	0.83	15.54
8/6/2017 14:16	0.75	15.34
8/6/2017 14:46	0.74	15.22
8/6/2017 15:16	0.73	15.14
8/6/2017 15:46	0.74	15.18
8/6/2017 16:16	0.65	15.06
8/6/2017 16:46	0.59	14.94
8/6/2017 17:16	0.58	14.86
8/6/2017 17:46	0.57	14.82

Date	DO (mg/L)	Temp (°C)
8/6/2017 18:16	0.55	14.82
8/6/2017 18:46	0.53	14.84
8/6/2017 19:16	0.49	14.82
8/6/2017 19:46	0.47	14.84
8/6/2017 20:16	0.45	14.86
8/6/2017 20:46	0.44	14.88
8/6/2017 21:16	0.41	14.90
8/6/2017 21:46	0.40	14.88
8/6/2017 22:16	0.39	14.86
8/6/2017 22:46	0.39	14.84
8/6/2017 23:16	0.38	14.84
8/6/2017 23:46	0.38	14.82
8/7/2017 0:16	0.38	14.82
8/7/2017 0:46	0.38	14.80
8/7/2017 1:16	0.37	14.78
8/7/2017 1:46	0.36	14.76
8/7/2017 2:16	0.36	14.72
8/7/2017 2:46	0.36	14.70
8/7/2017 3:16	0.33	14.68
8/7/2017 3:46	0.37	14.66
8/7/2017 4:16	0.39	14.66
8/7/2017 4:46	0.36	14.68
8/7/2017 5:16	0.33	14.72
8/7/2017 5:46	0.32	14.76
8/7/2017 6:16	0.33	14.78
8/7/2017 6:46	0.31	14.80
8/7/2017 7:16	0.35	14.82
8/7/2017 7:46	0.51	14.80
8/7/2017 8:16	0.57	14.80
8/7/2017 8:46	0.65	14.80
8/7/2017 9:16	0.66	14.86
8/7/2017 9:46	0.56	14.96
8/7/2017 10:16	0.55	15.08
8/7/2017 10:46	0.56	15.14
8/7/2017 11:16	5.75	14.14
8/7/2017 11:46	7.29	18.86
8/7/2017 12:16	7.29	19.10
8/7/2017 12:46	7.31	19.14
8/7/2017 13:16	7.30	19.14
8/7/2017 13:46	7.27	19.12
8/7/2017 14:16	7.28	19.12
8/7/2017 14:46	7.13	18.66
8/7/2017 15:16	6.85	18.30

Date	DO (mg/L)	Temp (°C)
8/7/2017 15:46	7.22	18.70
8/7/2017 16:16	6.62	18.12
8/7/2017 16:46	6.77	17.72
8/7/2017 17:16	7.03	18.70
8/7/2017 17:46	7.00	18.06
8/7/2017 18:16	6.93	18.56
8/7/2017 18:46	6.53	17.98
8/7/2017 19:16	6.74	18.10
8/7/2017 19:46	6.72	18.24
8/7/2017 20:16	6.69	18.16
8/7/2017 20:46	6.69	18.18
8/7/2017 21:16	6.67	18.12
8/7/2017 21:46	6.67	18.06
8/7/2017 22:16	6.70	18.10
8/7/2017 22:46	6.69	18.10
8/7/2017 23:16	6.67	18.06
8/7/2017 23:46	4.75	18.04
8/8/2017 0:16	2.96	18.14
8/8/2017 0:46	2.56	18.44
8/8/2017 1:16	2.52	18.66
8/8/2017 1:46	2.54	18.78
8/8/2017 2:16	2.56	18.82
8/8/2017 2:46	2.54	18.82
8/8/2017 3:16	2.51	18.80
8/8/2017 3:46	2.51	18.78
8/8/2017 4:16	2.49	18.76
8/8/2017 4:46	2.48	18.74
8/8/2017 5:16	2.48	18.72
8/8/2017 5:46	2.48	18.70
8/8/2017 6:16	2.45	18.66
8/8/2017 6:46	1.93	18.20
8/8/2017 7:16	5.56	15.50
8/8/2017 7:46	6.66	17.88
8/8/2017 8:16	6.60	17.96
8/8/2017 8:46	6.61	17.96
8/8/2017 9:16	6.69	17.92
8/8/2017 9:46	6.63	17.98
8/8/2017 10:16	6.45	17.64
8/8/2017 10:46	6.59	17.20
8/8/2017 11:16	6.37	17.22
8/8/2017 11:46	6.33	17.12
8/8/2017 12:16	6.27	17.08
8/8/2017 12:46	6.34	17.04

Date	DO (mg/L)	Temp (°C)
8/8/2017 13:16	6.71	17.40
8/8/2017 13:46	6.36	17.22
8/8/2017 14:16	6.50	17.28
8/8/2017 14:46	6.26	17.22
8/8/2017 15:16	6.27	17.18
8/8/2017 15:46	6.30	17.10
8/8/2017 16:16	6.52	17.34
8/8/2017 16:46	6.76	17.38
8/8/2017 17:16	6.63	17.96
8/8/2017 17:46	5.75	17.28
8/8/2017 18:16	6.28	16.98
8/8/2017 18:46	6.36	17.48
8/8/2017 19:16	5.96	16.98
8/8/2017 19:46	5.96	16.82
8/8/2017 20:16	6.43	17.28
8/8/2017 20:46	6.56	17.86
8/8/2017 21:16	6.59	17.96
8/8/2017 21:46	6.36	17.82
8/8/2017 22:16	6.24	17.26
8/8/2017 22:46	6.41	17.82
8/8/2017 23:16	3.79	17.16
8/8/2017 23:46	1.53	17.16
8/9/2017 0:16	1.19	17.46
8/9/2017 0:46	1.24	17.64
8/9/2017 1:16	1.37	17.80
8/9/2017 1:46	1.41	17.86
8/9/2017 2:16	1.35	17.84
8/9/2017 2:46	1.33	17.78
8/9/2017 3:16	1.32	17.76
8/9/2017 3:46	1.35	17.76
8/9/2017 4:16	1.40	17.76
8/9/2017 4:46	1.36	17.74
8/9/2017 5:16	1.34	17.72
8/9/2017 5:46	1.37	17.72
8/9/2017 6:16	1.36	17.68
8/9/2017 6:46	1.05	17.32
8/9/2017 7:16	5.61	15.16
8/9/2017 7:46	6.35	16.72
8/9/2017 8:16	6.10	16.94
8/9/2017 8:46	6.30	17.12
8/9/2017 9:16	6.45	17.22
8/9/2017 9:46	6.53	17.72
8/9/2017 10:16	6.11	17.72

Date	DO (mg/L)	Temp (°C)
8/9/2017 10:46	6.48	17.64
8/9/2017 11:16	6.40	18.18
8/9/2017 11:46	6.35	17.76
8/9/2017 12:16	6.08	17.40
8/9/2017 12:46	6.37	17.44
8/9/2017 13:16	6.14	17.74
8/9/2017 13:46	6.14	17.74
8/9/2017 14:16	6.24	17.76
8/9/2017 14:46	6.36	18.38
8/9/2017 15:16	6.02	17.42
8/9/2017 15:46	6.56	17.80
8/9/2017 16:16	6.11	17.56
8/9/2017 16:46	6.46	17.86
8/9/2017 17:16	6.58	18.16
8/9/2017 17:46	6.07	17.48
8/9/2017 18:16	5.98	17.20
8/9/2017 18:46	6.32	17.68
8/9/2017 19:16	6.13	17.50
8/9/2017 19:46	6.27	17.42
8/9/2017 20:16	6.16	17.62
8/9/2017 20:46	6.58	18.20
8/9/2017 21:16	6.58	18.34
8/9/2017 21:46	6.25	17.74
8/9/2017 22:16	6.13	17.90
8/9/2017 22:46	6.15	17.72
8/9/2017 23:16	4.57	17.90
8/9/2017 23:46	1.94	17.78
8/10/2017 0:16	1.54	18.04
8/10/2017 0:46	1.58	18.22
8/10/2017 1:16	1.61	18.32
8/10/2017 1:46	1.62	18.34
8/10/2017 2:16	1.54	18.28
8/10/2017 2:46	1.51	18.22
8/10/2017 3:16	1.49	18.18
8/10/2017 3:46	1.53	18.16
8/10/2017 4:16	1.60	18.16
8/10/2017 4:46	1.62	18.16
8/10/2017 5:16	1.62	18.14
8/10/2017 5:46	1.62	18.12
8/10/2017 6:16	1.41	17.88
8/10/2017 6:46	1.07	17.36
8/10/2017 7:16	5.73	15.32
8/10/2017 7:46	6.33	17.70

Date	DO (mg/L)	Temp (°C)
8/10/2017 8:16	6.85	17.96
8/10/2017 8:46	6.81	18.34
8/10/2017 9:16	6.97	18.44
8/10/2017 9:46	6.87	18.84
8/10/2017 10:16	6.69	17.94
8/10/2017 10:46	6.98	18.70
8/10/2017 11:16	6.50	18.20
8/10/2017 11:46	6.26	17.96
8/10/2017 12:16	6.37	17.70
8/10/2017 12:46	6.72	18.60
8/10/2017 13:16	6.78	18.32
8/10/2017 13:46	7.12	18.86
8/10/2017 14:16	6.74	18.66
8/10/2017 14:46	7.06	18.88
8/10/2017 15:16	6.31	18.44
8/10/2017 15:46	7.07	18.12
8/10/2017 16:16	6.57	18.34
8/10/2017 16:46	6.84	18.24
8/10/2017 17:16	6.71	18.44
8/10/2017 17:46	6.51	18.06
8/10/2017 18:16	6.94	18.58
8/10/2017 18:46	6.46	17.92
8/10/2017 19:16	6.43	18.12
8/10/2017 19:46	6.51	17.90
8/10/2017 20:16	6.52	17.84
8/10/2017 20:46	6.97	18.54
8/10/2017 21:16	6.71	18.54
8/10/2017 21:46	6.22	18.08
8/10/2017 22:16	6.31	17.62
8/10/2017 22:46	6.67	18.00
8/10/2017 23:16	4.17	17.66
8/10/2017 23:46	2.15	17.86
8/11/2017 0:16	1.77	18.24
8/11/2017 0:46	1.81	18.44
8/11/2017 1:16	1.85	18.56
8/11/2017 1:46	1.89	18.60
8/11/2017 2:16	1.86	18.56
8/11/2017 2:46	1.84	18.52
8/11/2017 3:16	1.90	18.52
8/11/2017 3:46	1.99	18.60
8/11/2017 4:16	2.16	18.70
8/11/2017 4:46	2.23	18.74
8/11/2017 5:16	2.28	18.78

Date	DO (mg/L)	Temp (°C)
8/11/2017 5:46	2.22	18.74
8/11/2017 6:16	1.78	18.30
8/11/2017 6:46	1.32	17.70
8/11/2017 7:16	1.03	17.24
8/11/2017 7:46	0.90	16.88
8/11/2017 8:16	0.84	16.60
8/11/2017 8:46	0.71	16.40
8/11/2017 9:16	0.73	16.24
8/11/2017 9:46	0.76	16.16
8/11/2017 10:16	0.80	16.08
8/11/2017 10:46	0.85	16.04
8/11/2017 11:16	6.15	14.78
8/11/2017 11:46	7.23	19.14
8/11/2017 12:16	7.15	19.24
8/11/2017 12:46	7.20	19.24
8/11/2017 13:16	7.13	19.20
8/11/2017 13:46	7.13	19.16
8/11/2017 14:16	7.05	19.20
8/11/2017 14:46	6.66	17.92
8/11/2017 15:16	6.51	17.94
8/11/2017 15:46	6.13	17.72
8/11/2017 16:16	6.21	17.48
8/11/2017 16:46	6.83	18.14
8/11/2017 17:16	6.25	17.72
8/11/2017 17:46	6.31	17.50
8/11/2017 18:16	6.75	18.04
8/11/2017 18:46	6.79	18.16
8/11/2017 19:16	6.28	17.92
8/11/2017 19:46	6.39	17.52
8/11/2017 20:16	6.56	17.50
8/11/2017 20:46	6.34	18.02
8/11/2017 21:16	6.30	17.66
8/11/2017 21:46	6.39	17.92
8/11/2017 22:16	6.11	17.22
8/11/2017 22:46	6.53	17.34
8/11/2017 23:16	4.91	17.50
8/11/2017 23:46	1.81	17.42
8/12/2017 0:16	1.31	17.70
8/12/2017 0:46	1.32	17.88
8/12/2017 1:16	1.42	18.02
8/12/2017 1:46	1.47	18.08
8/12/2017 2:16	1.45	18.06
8/12/2017 2:46	1.35	18.00

Date	DO (mg/L)	Temp (°C)
8/12/2017 3:16	1.31	17.98
8/12/2017 3:46	1.33	17.98
8/12/2017 4:16	1.46	18.04
8/12/2017 4:46	1.53	18.08
8/12/2017 5:16	1.56	18.12
8/12/2017 5:46	1.54	18.12
8/12/2017 6:16	1.46	18.04
8/12/2017 6:46	1.17	17.68
8/12/2017 7:16	0.92	17.28
8/12/2017 7:46	0.85	16.98
8/12/2017 8:16	0.79	16.76
8/12/2017 8:46	0.75	16.58
8/12/2017 9:16	0.74	16.40
8/12/2017 9:46	0.68	16.26
8/12/2017 10:16	0.71	16.18
8/12/2017 10:46	0.67	16.10
8/12/2017 11:16	5.65	14.74
8/12/2017 11:46	6.85	18.52
8/12/2017 12:16	6.87	18.76
8/12/2017 12:46	6.91	18.82
8/12/2017 13:16	6.89	18.88
8/12/2017 13:46	6.80	18.78
8/12/2017 14:16	5.39	18.78
8/12/2017 14:46	3.52	19.30
8/12/2017 15:16	3.06	19.62
8/12/2017 15:46	3.18	19.80
8/12/2017 16:16	3.25	19.74
8/12/2017 16:46	3.16	19.64
8/12/2017 17:16	3.06	19.58
8/12/2017 17:46	2.99	19.52
8/12/2017 18:16	2.96	19.46
8/12/2017 18:46	2.93	19.42
8/12/2017 19:16	2.86	19.40
8/12/2017 19:46	2.76	19.32
8/12/2017 20:16	2.37	19.10
8/12/2017 20:46	1.66	18.56
8/12/2017 21:16	1.05	17.82
8/12/2017 21:46	0.63	17.04
8/12/2017 22:16	0.50	16.48
8/12/2017 22:46	0.54	16.02
8/12/2017 23:16	0.45	15.64
8/12/2017 23:46	0.45	15.34
8/13/2017 0:16	0.50	15.10

Date	DO (mg/L)	Temp (°C)
8/13/2017 0:46	0.55	14.96
8/13/2017 1:16	0.57	14.94
8/13/2017 1:46	0.61	14.96
8/13/2017 2:16	0.62	15.10
8/13/2017 2:46	0.65	15.22
8/13/2017 3:16	0.67	15.28
8/13/2017 3:46	0.71	15.28
8/13/2017 4:16	0.67	15.30
8/13/2017 4:46	0.71	15.30
8/13/2017 5:16	0.77	15.34
8/13/2017 5:46	0.71	15.38
8/13/2017 6:16	0.70	15.36
8/13/2017 6:46	0.74	15.30
8/13/2017 7:16	0.71	15.20
8/13/2017 7:46	0.75	15.12
8/13/2017 8:16	0.71	15.04
8/13/2017 8:46	0.77	15.02
8/13/2017 9:16	0.82	14.94
8/13/2017 9:46	0.76	14.88
8/13/2017 10:16	0.82	14.88
8/13/2017 10:46	0.67	14.90
8/13/2017 11:16	0.72	14.94
8/13/2017 11:46	0.72	15.00
8/13/2017 12:16	0.73	15.02
8/13/2017 12:46	0.62	15.02
8/13/2017 13:16	0.64	15.20
8/13/2017 13:46	0.63	15.36
8/13/2017 14:16	0.53	15.34
8/13/2017 14:46	0.49	15.46
8/13/2017 15:16	0.45	15.28
8/13/2017 15:46	0.41	15.24
8/13/2017 16:16	0.48	15.22
8/13/2017 16:46	0.41	15.18
8/13/2017 17:16	0.38	15.14
8/13/2017 17:46	0.36	15.10
8/13/2017 18:16	0.36	15.12
8/13/2017 18:46	0.33	15.14
8/13/2017 19:16	0.30	15.12
8/13/2017 19:46	0.29	15.10
8/13/2017 20:16	0.28	15.12
8/13/2017 20:46	0.37	15.12
8/13/2017 21:16	0.45	15.12
8/13/2017 21:46	0.46	15.18

Date	DO (mg/L)	Temp (°C)
8/13/2017 22:16	0.45	15.24
8/13/2017 22:46	0.46	15.26
8/13/2017 23:16	0.46	15.24
8/13/2017 23:46	0.50	15.18
8/14/2017 0:16	0.57	15.22
8/14/2017 0:46	0.64	15.28
8/14/2017 1:16	0.61	15.28
8/14/2017 1:46	0.67	15.24
8/14/2017 2:16	0.64	15.30
8/14/2017 2:46	0.62	15.34
8/14/2017 3:16	0.66	15.34
8/14/2017 3:46	0.62	15.30
8/14/2017 4:16	0.62	15.22
8/14/2017 4:46	0.64	15.12
8/14/2017 5:16	0.56	15.02
8/14/2017 5:46	0.59	14.94
8/14/2017 6:16	0.62	14.86
8/14/2017 6:46	0.39	14.84
8/14/2017 7:16	0.21	15.02
8/14/2017 7:46	0.30	15.14
8/14/2017 8:16	0.39	15.24
8/14/2017 8:46	0.50	15.34
8/14/2017 9:16	0.51	15.38
8/14/2017 9:46	0.49	15.38
8/14/2017 10:16	0.49	15.38
8/14/2017 10:46	0.55	15.40
8/14/2017 11:16	6.65	14.86
8/14/2017 11:46	6.87	18.84
8/14/2017 12:16	6.87	19.04
8/14/2017 12:46	6.89	19.10
8/14/2017 13:16	6.89	19.12
8/14/2017 13:46	6.88	19.18
8/14/2017 14:16	6.84	19.26
8/14/2017 14:46	6.50	18.06
8/14/2017 15:16	6.24	18.12
8/14/2017 15:46	6.28	18.02
8/14/2017 16:16	6.59	18.28
8/14/2017 16:46	6.04	18.20
8/14/2017 17:16	6.24	18.10
8/14/2017 17:46	6.52	17.94
8/14/2017 18:16	4.11	18.04
8/14/2017 18:46	2.45	18.52
8/14/2017 19:16	2.45	19.08

Date	DO (mg/L)	Temp (°C)
8/14/2017 19:46	2.68	19.42
8/14/2017 20:16	2.60	19.46
8/14/2017 20:46	2.68	19.50
8/14/2017 21:16	2.80	19.58
8/14/2017 21:46	2.85	19.64
8/14/2017 22:16	2.91	19.68
8/14/2017 22:46	2.93	19.70
8/14/2017 23:16	2.99	19.70
8/14/2017 23:46	2.95	19.70
8/15/2017 0:16	2.98	19.70
8/15/2017 0:46	2.66	19.44
8/15/2017 1:16	1.88	18.72
8/15/2017 1:46	1.37	18.02
8/15/2017 2:16	1.07	17.46
8/15/2017 2:46	0.88	17.06
8/15/2017 3:16	0.83	16.82
8/15/2017 3:46	0.80	16.64
8/15/2017 4:16	0.73	16.50
8/15/2017 4:46	0.67	16.36
8/15/2017 5:16	0.63	16.26
8/15/2017 5:46	0.61	16.20
8/15/2017 6:16	0.63	16.14
8/15/2017 6:46	0.58	16.10
8/15/2017 7:16	0.49	16.02
8/15/2017 7:46	0.47	15.92
8/15/2017 8:16	0.46	15.84
8/15/2017 8:46	0.49	15.76
8/15/2017 9:16	0.55	15.74
8/15/2017 9:46	0.57	15.72
8/15/2017 10:16	0.51	15.66
8/15/2017 10:46	0.58	15.70
8/15/2017 11:16	0.66	15.78
8/15/2017 11:46	0.65	15.78
8/15/2017 12:16	0.74	15.80
8/15/2017 12:46	0.71	15.76
8/15/2017 13:16	0.80	15.76
8/15/2017 13:46	0.80	15.76
8/15/2017 14:16	5.70	14.70
8/15/2017 14:46	6.75	18.80
8/15/2017 15:16	6.10	17.74
8/15/2017 15:46	6.18	17.80
8/15/2017 16:16	6.77	18.64
8/15/2017 16:46	6.24	18.24

Date	DO (mg/L)	Temp (°C)
8/15/2017 17:16	6.00	17.60
8/15/2017 17:46	6.72	18.28
8/15/2017 18:16	4.94	18.52
8/15/2017 18:46	2.66	18.80
8/15/2017 19:16	2.40	19.14
8/15/2017 19:46	2.42	19.30
8/15/2017 20:16	2.34	19.30
8/15/2017 20:46	2.36	19.28
8/15/2017 21:16	2.37	19.32
8/15/2017 21:46	2.40	19.32
8/15/2017 22:16	2.38	19.32
8/15/2017 22:46	2.34	19.32
8/15/2017 23:16	2.40	19.30
8/15/2017 23:46	2.38	19.28
8/16/2017 0:16	2.36	19.24
8/16/2017 0:46	2.25	19.16
8/16/2017 1:16	1.70	18.58
8/16/2017 1:46	1.20	17.88
8/16/2017 2:16	0.93	17.34
8/16/2017 2:46	0.76	16.94
8/16/2017 3:16	0.67	16.62
8/16/2017 3:46	0.61	16.40
8/16/2017 4:16	0.57	16.22
8/16/2017 4:46	0.55	16.12
8/16/2017 5:16	0.50	16.02
8/16/2017 5:46	0.50	15.94
8/16/2017 6:16	0.45	15.88
8/16/2017 6:46	0.45	15.82
8/16/2017 7:16	0.41	15.76
8/16/2017 7:46	0.41	15.68
8/16/2017 8:16	0.40	15.60
8/16/2017 8:46	0.41	15.52
8/16/2017 9:16	0.47	15.46
8/16/2017 9:46	0.46	15.42
8/16/2017 10:16	0.46	15.36
8/16/2017 10:46	0.39	15.34
8/16/2017 11:16	0.45	15.34
8/16/2017 11:46	0.56	15.48
8/16/2017 12:16	0.55	15.46
8/16/2017 12:46	0.54	15.42
8/16/2017 13:16	0.57	15.68
8/16/2017 13:46	0.61	15.80
8/16/2017 14:16	5.70	14.50

Date	DO (mg/L)	Temp (°C)
8/16/2017 14:46	5.91	17.26
8/16/2017 15:16	5.87	17.30
8/16/2017 15:46	6.18	17.40
8/16/2017 16:16	6.17	18.08
8/16/2017 16:46	5.90	17.38
8/16/2017 17:16	5.87	17.40
8/16/2017 17:46	5.92	17.38
8/16/2017 18:16	3.53	17.32
8/16/2017 18:46	1.17	17.54
8/16/2017 19:16	0.99	17.92
8/16/2017 19:46	1.17	18.12
8/16/2017 20:16	1.33	18.28
8/16/2017 20:46	1.40	18.40
8/16/2017 21:16	1.38	18.42
8/16/2017 21:46	1.31	18.30
8/16/2017 22:16	1.17	18.18
8/16/2017 22:46	1.11	18.10
8/16/2017 23:16	1.15	18.08
8/16/2017 23:46	1.15	18.06
8/17/2017 0:16	1.14	18.04
8/17/2017 0:46	1.12	18.04
8/17/2017 1:16	1.07	18.00
8/17/2017 1:46	0.88	17.66
8/17/2017 2:16	0.68	17.26
8/17/2017 2:46	0.61	16.92
8/17/2017 3:16	0.55	16.68
8/17/2017 3:46	0.50	16.48
8/17/2017 4:16	0.45	16.32
8/17/2017 4:46	0.39	16.18
8/17/2017 5:16	0.38	16.04
8/17/2017 5:46	0.36	15.92
8/17/2017 6:16	0.33	15.82
8/17/2017 6:46	0.33	15.70
8/17/2017 7:16	0.32	15.60
8/17/2017 7:46	0.32	15.58
8/17/2017 8:16	0.36	15.58
8/17/2017 8:46	0.36	15.58
8/17/2017 9:16	0.39	15.54
8/17/2017 9:46	0.42	15.52
8/17/2017 10:16	0.45	15.50
8/17/2017 10:46	0.50	15.56
8/17/2017 11:16	0.51	15.60
8/17/2017 11:46	0.57	15.74

Date	DO (mg/L)	Temp (°C)
8/17/2017 12:16	0.59	15.78
8/17/2017 12:46	0.58	15.80
8/17/2017 13:16	0.63	16.02
8/17/2017 13:46	0.66	16.20
8/17/2017 14:16	5.55	14.90
8/17/2017 14:46	6.63	18.20
8/17/2017 15:16	5.86	18.50
8/17/2017 15:46	6.14	17.62
8/17/2017 16:16	6.24	17.82
8/17/2017 16:46	6.42	18.50
8/17/2017 17:16	6.52	18.62
8/17/2017 17:46	6.32	17.68
8/17/2017 18:16	6.36	17.66
8/17/2017 18:46	6.33	18.00
8/17/2017 19:16	6.23	17.90
8/17/2017 19:46	6.28	17.92
8/17/2017 20:16	6.24	17.92
8/17/2017 20:46	6.18	17.90
8/17/2017 21:16	6.15	17.90
8/17/2017 21:46	6.14	17.90
8/17/2017 22:16	6.13	17.92
8/17/2017 22:46	6.10	17.98
8/17/2017 23:16	6.17	18.06
8/17/2017 23:46	6.11	18.16
8/18/2017 0:16	6.05	18.28
8/18/2017 0:46	6.09	18.36
8/18/2017 1:16	6.11	18.38
8/18/2017 1:46	6.10	18.40
8/18/2017 2:16	6.09	18.42
8/18/2017 2:46	6.16	18.46
8/18/2017 3:16	6.19	18.50
8/18/2017 3:46	6.24	18.58
8/18/2017 4:16	6.24	18.64
8/18/2017 4:46	6.27	18.68
8/18/2017 5:16	6.25	18.66
8/18/2017 5:46	6.28	18.60
8/18/2017 6:16	6.30	18.60
8/18/2017 6:46	2.50	18.62
8/18/2017 7:16	1.86	19.00
8/18/2017 7:46	1.89	19.26
8/18/2017 8:16	1.97	19.40
8/18/2017 8:46	1.96	19.44
8/18/2017 9:16	2.03	19.46

Date	DO (mg/L)	Temp (°C)
8/18/2017 9:46	2.10	19.46
8/18/2017 10:16	2.14	19.48
8/18/2017 10:46	2.17	19.50
8/18/2017 11:16	5.34	16.62
8/18/2017 11:46	6.61	19.04
8/18/2017 12:16	6.54	19.08
8/18/2017 12:46	6.49	19.02
8/18/2017 13:16	6.51	19.12
8/18/2017 13:46	6.61	19.24
8/18/2017 14:16	6.57	19.26
8/18/2017 14:46	6.56	18.46
8/18/2017 15:16	6.42	18.72
8/18/2017 15:46	6.51	18.30
8/18/2017 16:16	6.41	18.52
8/18/2017 16:46	6.24	18.42
8/18/2017 17:16	6.05	17.60
8/18/2017 17:46	6.52	18.12
8/18/2017 18:16	3.91	18.32
8/18/2017 18:46	1.86	18.30
8/18/2017 19:16	1.41	18.56
8/18/2017 19:46	1.56	18.72
8/18/2017 20:16	1.49	18.74
8/18/2017 20:46	1.42	18.70
8/18/2017 21:16	1.36	18.64
8/18/2017 21:46	1.35	18.58
8/18/2017 22:16	1.23	18.48
8/18/2017 22:46	1.12	18.34
8/18/2017 23:16	1.02	18.08
8/18/2017 23:46	0.80	17.58
8/19/2017 0:16	0.59	16.74
8/19/2017 0:46	0.40	16.00
8/19/2017 1:16	0.35	15.54
8/19/2017 1:46	0.32	15.36
8/19/2017 2:16	0.36	15.28
8/19/2017 2:46	0.39	15.28
8/19/2017 3:16	0.39	15.26
8/19/2017 3:46	0.40	15.30
8/19/2017 4:16	0.39	15.30
8/19/2017 4:46	0.38	15.32
8/19/2017 5:16	0.45	15.28
8/19/2017 5:46	0.39	15.26
8/19/2017 6:16	0.46	15.24
8/19/2017 6:46	0.48	15.20

Date	DO (mg/L)	Temp (°C)
8/19/2017 7:16	0.50	15.18
8/19/2017 7:46	0.49	15.12
8/19/2017 8:16	0.53	15.12
8/19/2017 8:46	0.51	15.18
8/19/2017 9:16	0.53	15.22
8/19/2017 9:46	0.55	15.26
8/19/2017 10:16	0.51	15.30
8/19/2017 10:46	0.55	15.36
8/19/2017 11:16	5.57	15.06
8/19/2017 11:46	6.41	18.74
8/19/2017 12:16	6.36	18.98
8/19/2017 12:46	6.39	19.04
8/19/2017 13:16	6.37	19.04
8/19/2017 13:46	6.42	19.02
8/19/2017 14:16	4.42	19.14
8/19/2017 14:46	2.69	19.68
8/19/2017 15:16	2.71	20.22
8/19/2017 15:46	2.78	20.38
8/19/2017 16:16	2.65	20.10
8/19/2017 16:46	2.61	19.98
8/19/2017 17:16	2.59	19.90
8/19/2017 17:46	2.54	19.84
8/19/2017 18:16	2.49	19.78
8/19/2017 18:46	2.46	19.74
8/19/2017 19:16	2.42	19.66
8/19/2017 19:46	2.60	19.60
8/19/2017 20:16	2.39	19.56
8/19/2017 20:46	2.07	19.40
8/19/2017 21:16	1.45	18.72
8/19/2017 21:46	1.02	18.00
8/19/2017 22:16	0.80	17.42
8/19/2017 22:46	0.68	17.00
8/19/2017 23:16	0.62	16.68
8/19/2017 23:46	0.58	16.46
8/20/2017 0:16	0.58	16.36
8/20/2017 0:46	0.54	16.30
8/20/2017 1:16	0.53	16.28
8/20/2017 1:46	0.48	16.24
8/20/2017 2:16	0.45	16.20
8/20/2017 2:46	0.40	16.14
8/20/2017 3:16	0.37	16.06
8/20/2017 3:46	0.28	15.96
8/20/2017 4:16	0.24	15.82

Date	DO (mg/L)	Temp (°C)
8/20/2017 4:46	0.22	15.62
8/20/2017 5:16	0.22	15.44
8/20/2017 5:46	0.21	15.30
8/20/2017 6:16	0.21	15.24
8/20/2017 6:46	0.22	15.20
8/20/2017 7:16	0.23	15.20
8/20/2017 7:46	0.26	15.28
8/20/2017 8:16	0.30	15.40
8/20/2017 8:46	0.35	15.50
8/20/2017 9:16	0.35	15.50
8/20/2017 9:46	0.36	15.44
8/20/2017 10:16	0.35	15.44
8/20/2017 10:46	0.37	15.52
8/20/2017 11:16	0.39	15.66
8/20/2017 11:46	0.42	15.80
8/20/2017 12:16	0.46	15.92
8/20/2017 12:46	5.56	14.96
8/20/2017 13:16	6.67	19.04
8/20/2017 13:46	6.67	19.28
8/20/2017 14:16	6.67	19.30
8/20/2017 14:46	4.69	19.48
8/20/2017 15:16	3.22	20.08
8/20/2017 15:46	3.10	20.32
8/20/2017 16:16	3.10	20.30
8/20/2017 16:46	3.06	20.22
8/20/2017 17:16	2.99	20.12
8/20/2017 17:46	2.94	20.08
8/20/2017 18:16	2.93	20.04
8/20/2017 18:46	2.89	20.00
8/20/2017 19:16	2.84	19.96
8/20/2017 19:46	2.80	19.90
8/20/2017 20:16	2.74	19.86
8/20/2017 20:46	2.69	19.82
8/20/2017 21:16	2.42	19.62
8/20/2017 21:46	1.71	18.90
8/20/2017 22:16	1.21	18.12
8/20/2017 22:46	1.01	17.56
8/20/2017 23:16	0.84	17.18
8/20/2017 23:46	0.68	16.86
8/21/2017 0:16	0.65	16.60
8/21/2017 0:46	0.59	16.46
8/21/2017 1:16	0.57	16.38
8/21/2017 1:46	0.53	16.26

Date	DO (mg/L)	Temp (°C)
8/21/2017 2:16	0.47	16.14
8/21/2017 2:46	0.37	15.96
8/21/2017 3:16	0.32	15.86
8/21/2017 3:46	0.23	15.74
8/21/2017 4:16	0.19	15.66
8/21/2017 4:46	0.14	15.60
8/21/2017 5:16	0.12	15.56
8/21/2017 5:46	0.09	15.52
8/21/2017 6:16	0.09	15.48
8/21/2017 6:46	0.06	15.40
8/21/2017 7:16	0.05	15.32
8/21/2017 7:46	0.12	15.40
8/21/2017 8:16	0.24	15.48
8/21/2017 8:46	0.35	15.56
8/21/2017 9:16	0.40	15.66
8/21/2017 9:46	0.42	15.72
8/21/2017 10:16	0.51	15.78
8/21/2017 10:46	0.49	15.80
8/21/2017 11:16	5.65	14.84
8/21/2017 11:46	6.27	18.36
8/21/2017 12:16	6.27	18.60
8/21/2017 12:46	6.25	18.64
8/21/2017 13:16	6.52	19.32
8/21/2017 13:46	6.61	19.44
8/21/2017 14:16	5.12	19.52
8/21/2017 14:46	3.00	19.74
8/21/2017 15:16	2.93	20.14
8/21/2017 15:46	3.21	20.48
8/21/2017 16:16	3.12	20.46
8/21/2017 16:46	3.02	20.36
8/21/2017 17:16	3.03	20.32
8/21/2017 17:46	2.96	20.26
8/21/2017 18:16	2.91	20.22
8/21/2017 18:46	2.83	20.18
8/21/2017 19:16	2.72	20.12
8/21/2017 19:46	2.67	20.08
8/21/2017 20:16	2.66	20.04
8/21/2017 20:46	2.24	19.76
8/21/2017 21:16	1.55	18.96
8/21/2017 21:46	1.10	18.24
8/21/2017 22:16	0.82	17.64
8/21/2017 22:46	0.66	17.18
8/21/2017 23:16	0.59	16.84

Date	DO (mg/L)	Temp (°C)
8/21/2017 23:46	0.59	16.62
8/22/2017 0:16	0.57	16.48
8/22/2017 0:46	0.50	16.30
8/22/2017 1:16	0.44	16.12
8/22/2017 1:46	0.45	16.00
8/22/2017 2:16	0.45	15.98
8/22/2017 2:46	0.42	15.98
8/22/2017 3:16	0.37	15.96
8/22/2017 3:46	0.37	15.94
8/22/2017 4:16	0.31	15.90
8/22/2017 4:46	0.28	15.86
8/22/2017 5:16	0.23	15.80
8/22/2017 5:46	0.20	15.72
8/22/2017 6:16	0.18	15.60
8/22/2017 6:46	0.18	15.50
8/22/2017 7:16	0.16	15.44
8/22/2017 7:46	0.19	15.44
8/22/2017 8:16	0.22	15.46
8/22/2017 8:46	0.24	15.50
8/22/2017 9:16	0.27	15.56
8/22/2017 9:46	0.28	15.58
8/22/2017 10:16	0.28	15.58
8/22/2017 10:46	0.28	15.60
8/22/2017 11:16	0.32	15.68
8/22/2017 11:46	0.41	15.74
8/22/2017 12:16	0.40	15.78
8/22/2017 12:46	5.53	14.82
8/22/2017 13:16	6.35	18.90
8/22/2017 13:46	6.30	19.14
8/22/2017 14:16	6.26	19.20
8/22/2017 14:46	4.27	19.28
8/22/2017 15:16	2.50	19.84
8/22/2017 15:46	2.57	20.34
8/22/2017 16:16	2.49	20.22
8/22/2017 16:46	2.47	20.10
8/22/2017 17:16	2.48	20.06
8/22/2017 17:46	2.39	19.98
8/22/2017 18:16	2.22	19.90
8/22/2017 18:46	2.30	19.86
8/22/2017 19:16	2.24	19.84
8/22/2017 19:46	2.21	19.82
8/22/2017 20:16	2.14	19.76
8/22/2017 20:46	2.13	19.74

Date	DO (mg/L)	Temp (°C)
8/22/2017 21:16	2.06	19.56
8/22/2017 21:46	1.43	18.84
8/22/2017 22:16	0.92	18.02
8/22/2017 22:46	0.74	17.36
8/22/2017 23:16	0.58	16.96
8/22/2017 23:46	0.64	16.70
8/23/2017 0:16	0.58	16.52
8/23/2017 0:46	0.53	16.40
8/23/2017 1:16	0.44	16.30
8/23/2017 1:46	0.39	16.22
8/23/2017 2:16	0.36	16.16
8/23/2017 2:46	0.31	16.10
8/23/2017 3:16	0.27	16.04
8/23/2017 3:46	0.22	15.94
8/23/2017 4:16	0.19	15.84
8/23/2017 4:46	0.15	15.76
8/23/2017 5:16	0.11	15.68
8/23/2017 5:46	0.07	15.62
8/23/2017 6:16	0.05	15.58
8/23/2017 6:46	0.05	15.58
8/23/2017 7:16	0.05	15.62
8/23/2017 7:46	0.06	15.70
8/23/2017 8:16	0.15	15.90
8/23/2017 8:46	0.12	15.92
8/23/2017 9:16	0.12	15.90
8/23/2017 9:46	0.12	15.92
8/23/2017 10:16	0.14	16.02
8/23/2017 10:46	0.06	16.00
8/23/2017 11:16	0.00	15.90
8/23/2017 11:46	0.00	15.84
8/23/2017 12:16	0.00	15.78
8/23/2017 12:46	-0.02	15.82
8/23/2017 13:16	-0.02	15.90
8/23/2017 13:46	-0.04	15.94
8/23/2017 14:16	-0.03	16.00
8/23/2017 14:46	-0.03	16.04
8/23/2017 15:16	-0.03	16.04
8/23/2017 15:46	-0.03	16.00
8/23/2017 16:16	-0.04	15.88
8/23/2017 16:46	-0.05	15.76
8/23/2017 17:16	-0.05	15.70
8/23/2017 17:46	-0.05	15.68
8/23/2017 18:16	-0.05	15.70

Date	DO (mg/L)	Temp (°C)
8/23/2017 18:46	-0.05	15.72
8/23/2017 19:16	-0.05	15.72
8/23/2017 19:46	-0.05	15.70
8/23/2017 20:16	-0.05	15.70
8/23/2017 20:46	-0.04	15.70
8/23/2017 21:16	-0.04	15.68
8/23/2017 21:46	-0.04	15.64
8/23/2017 22:16	-0.04	15.54
8/23/2017 22:46	-0.04	15.46
8/23/2017 23:16	-0.04	15.38
8/23/2017 23:46	-0.04	15.32
8/24/2017 0:16	-0.04	15.28
8/24/2017 0:46	-0.04	15.28
8/24/2017 1:16	-0.05	15.28
8/24/2017 1:46	-0.05	15.20
8/24/2017 2:16	-0.05	15.14
8/24/2017 2:46	-0.05	15.06
8/24/2017 3:16	-0.05	15.04
8/24/2017 3:46	-0.05	15.04
8/24/2017 4:16	-0.05	15.10
8/24/2017 4:46	-0.05	15.14
8/24/2017 5:16	-0.05	15.18
8/24/2017 5:46	-0.05	15.20
8/24/2017 6:16	-0.05	15.20
8/24/2017 6:46	-0.05	15.18
8/24/2017 7:16	-0.05	15.18
8/24/2017 7:46	-0.05	15.18
8/24/2017 8:16	-0.05	15.16
8/24/2017 8:46	-0.05	15.14
8/24/2017 9:16	-0.05	15.14
8/24/2017 9:46	-0.05	15.14
8/24/2017 10:16	-0.05	15.18
8/24/2017 10:46	-0.05	15.24
8/24/2017 11:16	-0.05	15.28
8/24/2017 11:46	-0.05	15.36
8/24/2017 12:16	-0.05	15.42
8/24/2017 12:46	-0.05	15.48
8/24/2017 13:16	-0.05	15.68
8/24/2017 13:46	-0.05	15.56
8/24/2017 14:16	-0.05	15.42
8/24/2017 14:46	-0.05	15.44
8/24/2017 15:16	-0.05	15.30
8/24/2017 15:46	-0.05	15.18

Date	DO (mg/L)	Temp (°C)
8/24/2017 16:16	-0.05	15.14
8/24/2017 16:46	-0.05	15.16
8/24/2017 17:16	-0.05	15.22
8/24/2017 17:46	-0.05	15.28
8/24/2017 18:16	-0.05	15.30
8/24/2017 18:46	-0.05	15.30
8/24/2017 19:16	-0.05	15.34
8/24/2017 19:46	-0.05	15.36
8/24/2017 20:16	-0.05	15.38
8/24/2017 20:46	-0.05	15.40
8/24/2017 21:16	-0.05	15.40
8/24/2017 21:46	-0.05	15.40
8/24/2017 22:16	-0.05	15.40
8/24/2017 22:46	-0.05	15.42
8/24/2017 23:16	-0.05	15.44
8/24/2017 23:46	-0.05	15.46
8/25/2017 0:16	-0.05	15.46
8/25/2017 0:46	-0.05	15.46
8/25/2017 1:16	-0.05	15.46
8/25/2017 1:46	-0.05	15.46
8/25/2017 2:16	-0.05	15.44
8/25/2017 2:46	-0.05	15.42
8/25/2017 3:16	-0.05	15.42
8/25/2017 3:46	-0.05	15.48
8/25/2017 4:16	-0.05	15.56
8/25/2017 4:46	-0.05	15.60
8/25/2017 5:16	-0.05	15.56
8/25/2017 5:46	-0.05	15.52
8/25/2017 6:16	-0.05	15.50
8/25/2017 6:46	-0.05	15.54
8/25/2017 7:16	-0.05	15.56
8/25/2017 7:46	-0.05	15.54
8/25/2017 8:16	-0.05	15.44
8/25/2017 8:46	-0.05	15.38
8/25/2017 9:16	-0.05	15.34
8/25/2017 9:46	-0.05	15.38
8/25/2017 10:16	-0.05	15.44
8/25/2017 10:46	-0.05	15.52
8/25/2017 11:16	5.52	15.06
8/25/2017 11:46	6.62	19.18
8/25/2017 12:16	6.54	19.36
8/25/2017 12:46	6.56	19.30
8/25/2017 13:16	6.57	19.28

Date	DO (mg/L)	Temp (°C)
8/25/2017 13:46	6.59	19.26
8/25/2017 14:16	5.01	19.40
8/25/2017 14:46	2.72	19.74
8/25/2017 15:16	2.43	20.34
8/25/2017 15:46	2.46	20.44
8/25/2017 16:16	2.45	20.20
8/25/2017 16:46	2.41	20.12
8/25/2017 17:16	2.39	20.06
8/25/2017 17:46	2.33	20.04
8/25/2017 18:16	2.28	19.94
8/25/2017 18:46	2.17	19.86
8/25/2017 19:16	2.10	19.82
8/25/2017 19:46	2.06	19.78
8/25/2017 20:16	1.98	19.72
8/25/2017 20:46	1.77	19.48
8/25/2017 21:16	1.11	18.70
8/25/2017 21:46	0.63	18.00
8/25/2017 22:16	0.38	17.44
8/25/2017 22:46	0.27	17.04
8/25/2017 23:16	0.22	16.76
8/25/2017 23:46	0.21	16.58
8/26/2017 0:16	0.19	16.48
8/26/2017 0:46	0.14	16.34
8/26/2017 1:16	0.12	16.18
8/26/2017 1:46	0.10	16.00
8/26/2017 2:16	0.06	15.86
8/26/2017 2:46	0.06	15.80
8/26/2017 3:16	0.05	15.76
8/26/2017 3:46	0.04	15.72
8/26/2017 4:16	0.03	15.64
8/26/2017 4:46	0.01	15.52
8/26/2017 5:16	0.01	15.40
8/26/2017 5:46	-0.02	15.32
8/26/2017 6:16	-0.02	15.28
8/26/2017 6:46	-0.02	15.28
8/26/2017 7:16	-0.03	15.30
8/26/2017 7:46	-0.03	15.32
8/26/2017 8:16	-0.02	15.30
8/26/2017 8:46	-0.02	15.28
8/26/2017 9:16	0.00	15.24
8/26/2017 9:46	0.01	15.24
8/26/2017 10:16	0.02	15.28
8/26/2017 10:46	0.03	15.30

Date	DO (mg/L)	Temp (°C)
8/26/2017 11:16	5.57	14.66
8/26/2017 11:46	6.66	19.08
8/26/2017 12:16	6.58	19.28
8/26/2017 12:46	6.56	19.30
8/26/2017 13:16	6.60	19.32
8/26/2017 13:46	6.58	19.36
8/26/2017 14:16	4.99	19.38
8/26/2017 14:46	2.83	19.70
8/26/2017 15:16	2.56	20.34
8/26/2017 15:46	2.54	20.30
8/26/2017 16:16	2.59	20.34
8/26/2017 16:46	2.56	20.28
8/26/2017 17:16	2.54	20.24
8/26/2017 17:46	2.48	20.18
8/26/2017 18:16	2.39	20.12
8/26/2017 18:46	2.36	20.08
8/26/2017 19:16	2.28	20.04
8/26/2017 19:46	2.22	19.98
8/26/2017 20:16	2.13	19.92
8/26/2017 20:46	1.98	19.76
8/26/2017 21:16	1.37	19.10
8/26/2017 21:46	0.79	18.36
8/26/2017 22:16	0.45	17.82
8/26/2017 22:46	0.33	17.44
8/26/2017 23:16	0.28	17.18
8/26/2017 23:46	0.24	17.02
8/27/2017 0:16	0.21	16.88
8/27/2017 0:46	0.18	16.74
8/27/2017 1:16	0.14	16.64
8/27/2017 1:46	0.11	16.54
8/27/2017 2:16	0.11	16.46
8/27/2017 2:46	0.10	16.38
8/27/2017 3:16	0.06	16.30
8/27/2017 3:46	0.05	16.18
8/27/2017 4:16	0.02	16.08
8/27/2017 4:46	0.02	15.98
8/27/2017 5:16	0.01	15.94
8/27/2017 5:46	0.01	15.92
8/27/2017 6:16	0.01	15.88
8/27/2017 6:46	0.00	15.84
8/27/2017 7:16	0.00	15.82
8/27/2017 7:46	0.01	15.82
8/27/2017 8:16	0.02	15.84

Date	DO (mg/L)	Temp (°C)
8/27/2017 8:46	0.03	15.88
8/27/2017 9:16	0.05	15.90
8/27/2017 9:46	0.06	15.94
8/27/2017 10:16	0.07	15.98
8/27/2017 10:46	0.09	16.00
8/27/2017 11:16	0.10	16.00
8/27/2017 11:46	0.12	16.02
8/27/2017 12:16	0.13	16.08
8/27/2017 12:46	0.14	16.10
8/27/2017 13:16	0.15	16.12
8/27/2017 13:46	0.16	16.24
8/27/2017 14:16	0.18	16.20
8/27/2017 14:46	0.13	16.24
8/27/2017 15:16	0.13	16.28
8/27/2017 15:46	0.13	16.28
8/27/2017 16:16	0.11	16.04
8/27/2017 16:46	0.09	15.92
8/27/2017 17:16	0.05	15.82
8/27/2017 17:46	0.03	15.76
8/27/2017 18:16	0.02	15.70
8/27/2017 18:46	0.01	15.64
8/27/2017 19:16	0.01	15.58
8/27/2017 19:46	0.00	15.56
8/27/2017 20:16	-0.02	15.56
8/27/2017 20:46	-0.03	15.56
8/27/2017 21:16	-0.03	15.58
8/27/2017 21:46	-0.03	15.56
8/27/2017 22:16	-0.03	15.56
8/27/2017 22:46	-0.03	15.54
8/27/2017 23:16	-0.03	15.54
8/27/2017 23:46	-0.03	15.56
8/28/2017 0:16	-0.03	15.54
8/28/2017 0:46	-0.03	15.50
8/28/2017 1:16	-0.03	15.48
8/28/2017 1:46	-0.03	15.48
8/28/2017 2:16	-0.03	15.50
8/28/2017 2:46	-0.04	15.54
8/28/2017 3:16	-0.03	15.60
8/28/2017 3:46	-0.03	15.60
8/28/2017 4:16	-0.03	15.62
8/28/2017 4:46	-0.03	15.64
8/28/2017 5:16	-0.03	15.66
8/28/2017 5:46	-0.03	15.68

Date	DO (mg/L)	Temp (°C)
8/28/2017 6:16	-0.03	15.66
8/28/2017 6:46	-0.04	15.64
8/28/2017 7:16	-0.04	15.64
8/28/2017 7:46	-0.04	15.66
8/28/2017 8:16	-0.05	15.68
8/28/2017 8:46	-0.05	15.66
8/28/2017 9:16	-0.05	15.66
8/28/2017 9:46	-0.05	15.66
8/28/2017 10:16	-0.05	15.70
8/28/2017 10:46	-0.05	15.74
8/28/2017 11:16	5.47	15.14
8/28/2017 11:46	7.64	20.22
8/28/2017 12:16	7.66	20.46
8/28/2017 12:46	7.73	20.58
8/28/2017 13:16	7.70	20.58
8/28/2017 13:46	7.70	20.58
8/28/2017 14:16	6.37	20.76
8/28/2017 14:46	5.19	21.08
8/28/2017 15:16	4.93	21.38
8/28/2017 15:46	4.88	21.60
8/28/2017 16:16	4.71	21.44
8/28/2017 16:46	4.65	21.38
8/28/2017 17:16	4.64	21.32
8/28/2017 17:46	4.61	21.26
8/28/2017 18:16	4.53	21.20
8/28/2017 18:46	4.47	21.14
8/28/2017 19:16	4.38	21.06
8/28/2017 19:46	4.26	21.02
8/28/2017 20:16	4.05	20.86
8/28/2017 20:46	3.08	20.00
8/28/2017 21:16	2.04	19.04
8/28/2017 21:46	1.35	18.28
8/28/2017 22:16	0.99	17.78
8/28/2017 22:46	0.81	17.48
8/28/2017 23:16	0.68	17.28
8/28/2017 23:46	0.61	17.12
8/29/2017 0:16	0.51	16.96
8/29/2017 0:46	0.44	16.82
8/29/2017 1:16	0.40	16.72
8/29/2017 1:46	0.33	16.66
8/29/2017 2:16	0.32	16.60
8/29/2017 2:46	0.30	16.56
8/29/2017 3:16	0.26	16.48

Date	DO (mg/L)	Temp (°C)
8/29/2017 3:46	0.20	16.40
8/29/2017 4:16	0.16	16.28
8/29/2017 4:46	0.12	16.20
8/29/2017 5:16	0.11	16.12
8/29/2017 5:46	0.09	16.08
8/29/2017 6:16	0.06	16.04
8/29/2017 6:46	0.04	16.02
8/29/2017 7:16	0.03	16.02
8/29/2017 7:46	0.01	15.98
8/29/2017 8:16	0.02	15.96
8/29/2017 8:46	0.01	15.94
8/29/2017 9:16	0.02	15.90
8/29/2017 9:46	0.04	15.90
8/29/2017 10:16	0.05	15.92
8/29/2017 10:46	0.09	15.94
8/29/2017 11:16	0.10	15.96
8/29/2017 11:46	0.11	15.96
8/29/2017 12:16	0.12	15.98
8/29/2017 12:46	0.10	15.98
8/29/2017 13:16	0.09	15.96
8/29/2017 13:46	0.09	16.00
8/29/2017 14:16	0.07	15.98
8/29/2017 14:46	0.07	15.98
8/29/2017 15:16	0.06	15.98
8/29/2017 15:46	0.06	16.02
8/29/2017 16:16	0.05	16.04
8/29/2017 16:46	0.07	16.12
8/29/2017 17:16	0.05	16.10
8/29/2017 17:46	0.03	16.08
8/29/2017 18:16	0.02	16.08
8/29/2017 18:46	0.01	16.04
8/29/2017 19:16	0.00	15.98
8/29/2017 19:46	-0.02	15.94
8/29/2017 20:16	-0.03	15.90
8/29/2017 20:46	-0.03	15.86
8/29/2017 21:16	-0.04	15.82
8/29/2017 21:46	-0.04	15.76
8/29/2017 22:16	-0.04	15.72
8/29/2017 22:46	-0.05	15.68
8/29/2017 23:16	-0.05	15.66
8/29/2017 23:46	-0.05	15.64
8/30/2017 0:16	-0.05	15.60
8/30/2017 0:46	-0.05	15.58

Date	DO (mg/L)	Temp (°C)
8/30/2017 1:16	-0.05	15.58
8/30/2017 1:46	-0.05	15.56
8/30/2017 2:16	-0.05	15.54
8/30/2017 2:46	-0.05	15.54
8/30/2017 3:16	-0.05	15.52
8/30/2017 3:46	-0.05	15.50
8/30/2017 4:16	-0.05	15.50
8/30/2017 4:46	-0.05	15.52
8/30/2017 5:16	-0.05	15.54
8/30/2017 5:46	-0.05	15.56
8/30/2017 6:16	-0.05	15.54
8/30/2017 6:46	-0.05	15.54
8/30/2017 7:16	-0.05	15.54
8/30/2017 7:46	-0.05	15.54
8/30/2017 8:16	-0.05	15.54
8/30/2017 8:46	-0.05	15.54
8/30/2017 9:16	-0.05	15.54
8/30/2017 9:46	-0.05	15.54
8/30/2017 10:16	-0.05	15.64
8/30/2017 10:46	-0.05	15.66
8/30/2017 11:16	-0.05	15.70
8/30/2017 11:46	-0.05	15.70
8/30/2017 12:16	-0.05	15.68
8/30/2017 12:46	-0.05	15.72
8/30/2017 13:16	-0.05	15.88
8/30/2017 13:46	-0.05	16.10
8/30/2017 14:16	-0.05	16.04
8/30/2017 14:46	-0.05	15.98
8/30/2017 15:16	-0.05	15.90
8/30/2017 15:46	-0.05	15.80
8/30/2017 16:16	-0.05	15.76
8/30/2017 16:46	-0.05	15.78
8/30/2017 17:16	-0.05	15.74
8/30/2017 17:46	-0.05	15.68
8/30/2017 18:16	-0.05	15.66
8/30/2017 18:46	-0.05	15.60
8/30/2017 19:16	-0.05	15.60
8/30/2017 19:46	-0.05	15.56
8/30/2017 20:16	-0.05	15.54
8/30/2017 20:46	-0.05	15.52
8/30/2017 21:16	-0.05	15.50
8/30/2017 21:46	-0.05	15.46
8/30/2017 22:16	-0.05	15.42

Date	DO (mg/L)	Temp (°C)
8/30/2017 22:46	-0.05	15.38
8/30/2017 23:16	-0.05	15.34
8/30/2017 23:46	-0.05	15.30
8/31/2017 0:16	-0.05	15.30
8/31/2017 0:46	-0.05	15.30
8/31/2017 1:16	-0.05	15.28
8/31/2017 1:46	-0.05	15.28
8/31/2017 2:16	-0.05	15.30
8/31/2017 2:46	-0.05	15.34
8/31/2017 3:16	-0.05	15.38
8/31/2017 3:46	-0.05	15.36
8/31/2017 4:16	-0.05	15.34
8/31/2017 4:46	-0.05	15.32
8/31/2017 5:16	-0.05	15.34
8/31/2017 5:46	-0.05	15.32
8/31/2017 6:16	-0.05	15.32
8/31/2017 6:46	-0.05	15.30
8/31/2017 7:16	-0.05	15.30
8/31/2017 7:46	-0.05	15.28
8/31/2017 8:16	-0.05	15.30
8/31/2017 8:46	-0.05	15.32
8/31/2017 9:16	-0.05	15.34
8/31/2017 9:46	-0.05	15.36
8/31/2017 10:16	-0.05	15.40
8/31/2017 10:46	-0.05	15.44
8/31/2017 11:16	-0.05	15.48
8/31/2017 11:46	0.00	15.54
8/31/2017 12:16	0.11	15.62
8/31/2017 12:46	0.20	15.68
8/31/2017 13:16	0.30	15.90
8/31/2017 13:46	0.44	16.04
8/31/2017 14:16	0.53	16.28
8/31/2017 14:46	0.50	16.14
8/31/2017 15:16	0.55	16.46
8/31/2017 15:46	0.59	16.42
8/31/2017 16:16	0.85	16.14
8/31/2017 16:46	1.29	15.94
8/31/2017 17:16	1.79	15.82
8/31/2017 17:46	2.41	15.72
8/31/2017 18:16	2.60	15.66
8/31/2017 18:46	2.39	15.60
8/31/2017 19:16	1.78	15.56
8/31/2017 19:46	1.03	15.54

Date	DO (mg/L)	Temp (°C)
8/31/2017 20:16	0.37	15.52
8/31/2017 20:46	0.03	15.50
8/31/2017 21:16	-0.04	15.50
8/31/2017 21:46	-0.05	15.52
8/31/2017 22:16	-0.05	15.54
8/31/2017 22:46	-0.05	15.56
8/31/2017 23:16	-0.05	15.56
8/31/2017 23:46	-0.05	15.54
9/1/2017 0:16	-0.05	15.52
9/1/2017 0:46	-0.05	15.50
9/1/2017 1:16	-0.05	15.52
9/1/2017 1:46	-0.05	15.54
9/1/2017 2:16	-0.05	15.56
9/1/2017 2:46	-0.05	15.54
9/1/2017 3:16	-0.05	15.52
9/1/2017 3:46	-0.05	15.50
9/1/2017 4:16	-0.05	15.46
9/1/2017 4:46	-0.05	15.42
9/1/2017 5:16	-0.05	15.40
9/1/2017 5:46	-0.05	15.38
9/1/2017 6:16	-0.05	15.38
9/1/2017 6:46	-0.05	15.36
9/1/2017 7:16	-0.05	15.34
9/1/2017 7:46	-0.05	15.32
9/1/2017 8:16	-0.05	15.32
9/1/2017 8:46	-0.05	15.34
9/1/2017 9:16	-0.05	15.36
9/1/2017 9:46	-0.05	15.40
9/1/2017 10:16	5.47	15.00
9/1/2017 10:46	7.59	19.46
9/1/2017 11:16	7.59	19.68
9/1/2017 11:46	7.61	19.72
9/1/2017 12:16	7.65	19.78
9/1/2017 12:46	7.66	19.74
9/1/2017 13:16	6.13	19.70
9/1/2017 13:46	4.74	19.90
9/1/2017 14:16	4.35	20.20
9/1/2017 14:46	4.24	20.30
9/1/2017 15:16	4.21	20.30
9/1/2017 15:46	4.18	20.32
9/1/2017 16:16	4.21	20.30
9/1/2017 16:46	4.31	20.34
9/1/2017 17:16	4.29	20.26

Date	DO (mg/L)	Temp (°C)
9/1/2017 17:46	4.20	20.20
9/1/2017 18:16	4.14	20.14
9/1/2017 18:46	4.07	20.10
9/1/2017 19:16	3.99	20.06
9/1/2017 19:46	3.72	19.78
9/1/2017 20:16	2.68	19.04
9/1/2017 20:46	1.79	18.32
9/1/2017 21:16	1.23	17.80
9/1/2017 21:46	0.85	17.44
9/1/2017 22:16	0.66	17.16
9/1/2017 22:46	0.50	16.96
9/1/2017 23:16	0.46	16.84
9/1/2017 23:46	0.39	16.76
9/2/2017 0:16	0.33	16.68
9/2/2017 0:46	0.27	16.58
9/2/2017 1:16	0.23	16.50
9/2/2017 1:46	0.20	16.40
9/2/2017 2:16	0.18	16.30
9/2/2017 2:46	0.14	16.20
9/2/2017 3:16	0.11	16.12
9/2/2017 3:46	0.07	16.02
9/2/2017 4:16	0.05	15.92
9/2/2017 4:46	0.03	15.86
9/2/2017 5:16	0.01	15.80
9/2/2017 5:46	0.01	15.74
9/2/2017 6:16	0.00	15.72
9/2/2017 6:46	-0.02	15.70
9/2/2017 7:16	0.01	15.70
9/2/2017 7:46	0.00	15.72
9/2/2017 8:16	0.00	15.76
9/2/2017 8:46	0.00	15.78
9/2/2017 9:16	0.03	15.80
9/2/2017 9:46	0.04	15.80
9/2/2017 10:16	6.02	15.48
9/2/2017 10:46	8.21	19.46
9/2/2017 11:16	8.16	19.58
9/2/2017 11:46	8.15	19.60
9/2/2017 12:16	8.14	19.58
9/2/2017 12:46	8.14	19.58
9/2/2017 13:16	7.18	19.58
9/2/2017 13:46	5.86	19.76
9/2/2017 14:16	5.38	20.06
9/2/2017 14:46	5.31	20.18

Date	DO (mg/L)	Temp (°C)
9/2/2017 15:16	5.13	20.20
9/2/2017 15:46	5.08	20.18
9/2/2017 16:16	5.06	20.16
9/2/2017 16:46	4.99	20.12
9/2/2017 17:16	4.93	20.08
9/2/2017 17:46	4.94	20.06
9/2/2017 18:16	4.93	20.04
9/2/2017 18:46	4.93	20.02
9/2/2017 19:16	4.95	20.00
9/2/2017 19:46	4.68	19.74
9/2/2017 20:16	3.66	19.06
9/2/2017 20:46	2.71	18.42
9/2/2017 21:16	2.12	18.00
9/2/2017 21:46	1.79	17.74
9/2/2017 22:16	1.58	17.56
9/2/2017 22:46	1.37	17.38
9/2/2017 23:16	1.25	17.26
9/2/2017 23:46	1.14	17.12
9/3/2017 0:16	1.06	17.02
9/3/2017 0:46	0.94	16.92
9/3/2017 1:16	0.90	16.84
9/3/2017 1:46	0.82	16.76
9/3/2017 2:16	0.75	16.70
9/3/2017 2:46	0.64	16.62
9/3/2017 3:16	0.56	16.52
9/3/2017 3:46	0.48	16.42
9/3/2017 4:16	0.42	16.34
9/3/2017 4:46	0.38	16.26
9/3/2017 5:16	0.33	16.18
9/3/2017 5:46	0.31	16.12
9/3/2017 6:16	0.31	16.08
9/3/2017 6:46	0.28	16.06
9/3/2017 7:16	0.27	16.02
9/3/2017 7:46	0.23	15.98
9/3/2017 8:16	0.20	15.94
9/3/2017 8:46	0.18	15.90
9/3/2017 9:16	0.19	15.88
9/3/2017 9:46	0.15	15.82
9/3/2017 10:16	0.14	15.82
9/3/2017 10:46	0.14	15.84
9/3/2017 11:16	0.14	15.84
9/3/2017 11:46	0.13	15.86
9/3/2017 12:16	0.12	15.84

Date	DO (mg/L)	Temp (°C)
9/3/2017 12:46	0.11	15.88
9/3/2017 13:16	0.10	15.86
9/3/2017 13:46	0.07	15.98
9/3/2017 14:16	0.06	15.98
9/3/2017 14:46	0.06	16.00
9/3/2017 15:16	0.06	16.04
9/3/2017 15:46	0.06	16.08
9/3/2017 16:16	0.03	15.94
9/3/2017 16:46	0.02	15.88
9/3/2017 17:16	0.01	15.84
9/3/2017 17:46	0.00	15.76
9/3/2017 18:16	-0.03	15.72
9/3/2017 18:46	-0.04	15.68
9/3/2017 19:16	-0.05	15.64
9/3/2017 19:46	-0.05	15.60
9/3/2017 20:16	-0.05	15.56
9/3/2017 20:46	-0.05	15.52
9/3/2017 21:16	-0.05	15.50
9/3/2017 21:46	-0.05	15.52
9/3/2017 22:16	-0.05	15.52
9/3/2017 22:46	-0.05	15.52
9/3/2017 23:16	-0.05	15.54
9/3/2017 23:46	-0.05	15.56
9/4/2017 0:16	-0.05	15.58
9/4/2017 0:46	-0.05	15.60
9/4/2017 1:16	-0.05	15.62
9/4/2017 1:46	-0.05	15.62
9/4/2017 2:16	-0.05	15.62
9/4/2017 2:46	-0.05	15.62
9/4/2017 3:16	-0.05	15.62
9/4/2017 3:46	-0.05	15.62
9/4/2017 4:16	-0.05	15.62
9/4/2017 4:46	-0.05	15.66
9/4/2017 5:16	-0.05	15.64
9/4/2017 5:46	-0.05	15.62
9/4/2017 6:16	-0.05	15.60
9/4/2017 6:46	-0.05	15.62
9/4/2017 7:16	-0.05	15.64
9/4/2017 7:46	-0.05	15.68
9/4/2017 8:16	-0.05	15.70
9/4/2017 8:46	-0.05	15.70
9/4/2017 9:16	-0.05	15.68
9/4/2017 9:46	-0.05	15.74

Date	DO (mg/L)	Temp (°C)
9/4/2017 10:16	5.40	15.14
9/4/2017 10:46	7.62	18.42
9/4/2017 11:16	7.54	18.50
9/4/2017 11:46	7.50	18.52
9/4/2017 12:16	7.47	18.54
9/4/2017 12:46	7.46	18.52
9/4/2017 13:16	6.28	18.62
9/4/2017 13:46	4.44	19.18
9/4/2017 14:16	4.04	19.56
9/4/2017 14:46	4.05	19.94
9/4/2017 15:16	3.90	20.04
9/4/2017 15:46	3.89	19.90
9/4/2017 16:16	3.81	19.64
9/4/2017 16:46	3.79	19.50
9/4/2017 17:16	3.73	19.40
9/4/2017 17:46	3.68	19.32
9/4/2017 18:16	3.65	19.28
9/4/2017 18:46	3.60	19.24
9/4/2017 19:16	3.53	19.20
9/4/2017 19:46	3.44	19.14
9/4/2017 20:16	3.11	18.84
9/4/2017 20:46	1.00	15.30
9/4/2017 21:16	-0.04	15.48
9/4/2017 21:46	-0.05	15.76
9/4/2017 22:16	0.03	16.12
9/4/2017 22:46	0.62	16.90
9/4/2017 23:16	1.43	17.58
9/4/2017 23:46	2.30	18.18
9/5/2017 0:16	2.93	18.58
9/5/2017 0:46	3.30	18.84
9/5/2017 1:16	3.47	18.98
9/5/2017 1:46	3.62	19.04
9/5/2017 2:16	3.70	19.06
9/5/2017 2:46	3.66	19.08
9/5/2017 3:16	3.60	19.02
9/5/2017 3:46	2.96	18.62
9/5/2017 4:16	1.99	18.04
9/5/2017 4:46	1.29	17.60
9/5/2017 5:16	0.88	17.26
9/5/2017 5:46	0.55	17.02
9/5/2017 6:16	0.39	16.84
9/5/2017 6:46	0.30	16.72
9/5/2017 7:16	0.24	16.62

Date	DO (mg/L)	Temp (°C)
9/5/2017 7:46	0.16	16.52
9/5/2017 8:16	0.14	16.44
9/5/2017 8:46	0.11	16.38
9/5/2017 9:16	0.07	16.34
9/5/2017 9:46	0.04	16.28
9/5/2017 10:16	0.01	16.22
9/5/2017 10:46	0.00	16.18
9/5/2017 11:16	-0.03	16.20
9/5/2017 11:46	0.01	16.36
9/5/2017 12:16	0.02	16.36
9/5/2017 12:46	0.01	16.32
9/5/2017 13:16	0.02	16.26
9/5/2017 13:46	0.02	16.16
9/5/2017 14:16	0.01	16.12
9/5/2017 14:46	-0.02	16.06
9/5/2017 15:16	-0.03	16.00
9/5/2017 15:46	-0.02	16.00
9/5/2017 16:16	-0.02	16.04
9/5/2017 16:46	-0.02	15.98
9/5/2017 17:16	-0.02	15.98
9/5/2017 17:46	-0.02	15.94
9/5/2017 18:16	-0.04	15.86
9/5/2017 18:46	-0.04	15.86
9/5/2017 19:16	-0.05	15.88
9/5/2017 19:46	-0.04	15.88
9/5/2017 20:16	-0.05	15.82
9/5/2017 20:46	-0.05	15.74
9/5/2017 21:16	-0.05	15.66
9/5/2017 21:46	-0.05	15.64
9/5/2017 22:16	-0.05	15.64
9/5/2017 22:46	-0.05	15.68
9/5/2017 23:16	-0.05	15.74
9/5/2017 23:46	-0.04	15.82
9/6/2017 0:16	-0.05	15.92
9/6/2017 0:46	-0.05	15.98
9/6/2017 1:16	-0.05	16.02
9/6/2017 1:46	-0.05	16.02
9/6/2017 2:16	-0.05	15.98
9/6/2017 2:46	-0.05	15.96
9/6/2017 3:16	-0.05	15.94
9/6/2017 3:46	-0.05	15.92
9/6/2017 4:16	-0.05	15.94
9/6/2017 4:46	-0.05	15.96

Date	DO (mg/L)	Temp (°C)
9/6/2017 5:16	-0.05	15.98
9/6/2017 5:46	-0.05	15.98
9/6/2017 6:16	-0.05	15.96
9/6/2017 6:46	-0.05	15.96
9/6/2017 7:16	-0.05	15.96
9/6/2017 7:46	-0.05	15.94
9/6/2017 8:16	-0.05	15.96
9/6/2017 8:46	-0.05	15.94
9/6/2017 9:16	-0.05	15.96
9/6/2017 9:46	-0.05	15.98
9/6/2017 10:16	-0.05	16.02
9/6/2017 10:46	-0.05	16.06
9/6/2017 11:16	-0.05	16.12
9/6/2017 11:46	-0.05	16.18
9/6/2017 12:16	-0.05	16.24
9/6/2017 12:46	-0.05	16.28
9/6/2017 13:16	-0.05	16.32
9/6/2017 13:46	-0.05	16.32
9/6/2017 14:16	5.23	15.52
9/6/2017 14:46	7.37	18.22
9/6/2017 15:16	7.03	18.14
9/6/2017 15:46	7.15	17.96
9/6/2017 16:16	7.33	18.12
9/6/2017 16:46	7.51	18.32
9/6/2017 17:16	7.38	18.36
9/6/2017 17:46	7.10	18.06
9/6/2017 18:16	7.24	18.14
9/6/2017 18:46	7.21	18.16
9/6/2017 19:16	6.71	18.20
9/6/2017 19:46	4.05	18.26
9/6/2017 20:16	3.35	18.54
9/6/2017 20:46	3.15	18.70
9/6/2017 21:16	3.11	18.78
9/6/2017 21:46	3.13	18.80
9/6/2017 22:16	3.16	18.82
9/6/2017 22:46	3.16	18.82
9/6/2017 23:16	3.18	18.82
9/6/2017 23:46	2.98	18.82
9/7/2017 0:16	3.18	18.80
9/7/2017 0:46	3.00	18.78
9/7/2017 1:16	3.21	18.76
9/7/2017 1:46	2.90	18.76
9/7/2017 2:16	3.06	18.68

Date	DO (mg/L)	Temp (°C)
9/7/2017 2:46	2.32	18.28
9/7/2017 3:16	1.29	17.80
9/7/2017 3:46	1.02	17.40
9/7/2017 4:16	0.62	17.12
9/7/2017 4:46	0.46	16.90
9/7/2017 5:16	0.30	16.68
9/7/2017 5:46	0.23	16.54
9/7/2017 6:16	0.15	16.38
9/7/2017 6:46	0.09	16.28
9/7/2017 7:16	0.04	16.16
9/7/2017 7:46	0.00	16.10
9/7/2017 8:16	-0.04	16.06
9/7/2017 8:46	-0.04	16.02
9/7/2017 9:16	-0.05	15.96
9/7/2017 9:46	-0.05	15.94
9/7/2017 10:16	-0.05	15.94
9/7/2017 10:46	-0.05	15.94
9/7/2017 11:16	-0.05	15.96
9/7/2017 11:46	-0.04	16.02
9/7/2017 12:16	5.38	15.42
9/7/2017 12:46	7.51	17.90
9/7/2017 13:16	7.30	17.94
9/7/2017 13:46	7.33	17.82
9/7/2017 14:16	7.41	18.04
9/7/2017 14:46	7.14	17.94
9/7/2017 15:16	6.88	17.66
9/7/2017 15:46	7.05	17.80
9/7/2017 16:16	7.11	17.78
9/7/2017 16:46	7.33	17.84
9/7/2017 17:16	7.22	17.92
9/7/2017 17:46	7.16	17.78
9/7/2017 18:16	7.15	17.76
9/7/2017 18:46	6.96	17.60
9/7/2017 19:16	7.10	17.70
9/7/2017 19:46	7.01	17.60
9/7/2017 20:16	7.37	17.98
9/7/2017 20:46	7.27	17.88
9/7/2017 21:16	6.10	17.80
9/7/2017 21:46	3.71	17.88
9/7/2017 22:16	3.12	18.18
9/7/2017 22:46	3.03	18.36
9/7/2017 23:16	3.02	18.42
9/7/2017 23:46	2.99	18.44

Date	DO (mg/L)	Temp (°C)
9/8/2017 0:16	2.96	18.42
9/8/2017 0:46	2.92	18.38
9/8/2017 1:16	2.86	18.36
9/8/2017 1:46	2.81	18.32
9/8/2017 2:16	2.75	18.30
9/8/2017 2:46	2.77	18.28
9/8/2017 3:16	2.84	18.28
9/8/2017 3:46	2.89	18.28
9/8/2017 4:16	2.78	18.24
9/8/2017 4:46	2.24	17.92
9/8/2017 5:16	1.52	17.54
9/8/2017 5:46	1.00	17.24
9/8/2017 6:16	0.62	17.00
9/8/2017 6:46	0.35	16.82
9/8/2017 7:16	0.18	16.64
9/8/2017 7:46	0.05	16.48
9/8/2017 8:16	-0.03	16.34
9/8/2017 8:46	-0.05	16.26
9/8/2017 9:16	-0.05	16.22
9/8/2017 9:46	-0.05	16.20
9/8/2017 10:16	5.39	15.68
9/8/2017 10:46	7.81	17.94
9/8/2017 11:16	7.70	18.00
9/8/2017 11:46	7.67	18.00
9/8/2017 12:16	7.68	17.98
9/8/2017 12:46	7.72	18.00
9/8/2017 13:16	7.65	18.02
9/8/2017 13:46	7.29	17.70
9/8/2017 14:16	7.23	17.64
9/8/2017 14:46	7.35	17.62
9/8/2017 15:16	7.50	17.82
9/8/2017 15:46	7.46	17.70
9/8/2017 16:16	7.66	17.76
9/8/2017 16:46	7.71	17.94
9/8/2017 17:16	7.28	17.66
9/8/2017 17:46	7.47	17.62
9/8/2017 18:16	7.47	17.76
9/8/2017 18:46	7.24	17.50
9/8/2017 19:16	7.39	17.62
9/8/2017 19:46	7.39	17.62
9/8/2017 20:16	7.47	17.80
9/8/2017 20:46	7.38	17.68
9/8/2017 21:16	6.46	17.70

Date	DO (mg/L)	Temp (°C)
9/8/2017 21:46	4.17	17.86
9/8/2017 22:16	3.68	18.24
9/8/2017 22:46	3.64	18.44
9/8/2017 23:16	3.59	18.50
9/8/2017 23:46	3.60	18.52
9/9/2017 0:16	3.61	18.54
9/9/2017 0:46	3.62	18.54
9/9/2017 1:16	3.62	18.52
9/9/2017 1:46	3.63	18.50
9/9/2017 2:16	3.63	18.50
9/9/2017 2:46	3.64	18.48
9/9/2017 3:16	3.69	18.50
9/9/2017 3:46	3.70	18.48
9/9/2017 4:16	3.64	18.42
9/9/2017 4:46	2.91	18.10
9/9/2017 5:16	2.05	17.74
9/9/2017 5:46	1.33	17.38
9/9/2017 6:16	0.86	17.12
9/9/2017 6:46	0.53	16.90
9/9/2017 7:16	0.31	16.74
9/9/2017 7:46	0.19	16.60
9/9/2017 8:16	0.09	16.50
9/9/2017 8:46	0.03	16.42
9/9/2017 9:16	0.00	16.36
9/9/2017 9:46	-0.03	16.32
9/9/2017 10:16	5.58	15.74
9/9/2017 10:46	8.05	18.00
9/9/2017 11:16	7.99	18.04
9/9/2017 11:46	8.02	18.06
9/9/2017 12:16	8.03	18.08
9/9/2017 12:46	8.05	18.08
9/9/2017 13:16	7.07	18.16
9/9/2017 13:46	5.56	18.66
9/9/2017 14:16	5.14	19.16
9/9/2017 14:46	5.08	19.54
9/9/2017 15:16	5.00	19.56
9/9/2017 15:46	4.97	19.46
9/9/2017 16:16	4.83	19.06
9/9/2017 16:46	4.75	18.92
9/9/2017 17:16	4.71	18.84
9/9/2017 17:46	4.67	18.78
9/9/2017 18:16	4.64	18.74
9/9/2017 18:46	4.64	18.70

Date	DO (mg/L)	Temp (°C)
9/9/2017 19:16	4.56	18.66
9/9/2017 19:46	4.52	18.62
9/9/2017 20:16	4.01	18.36
9/9/2017 20:46	3.04	17.94
9/9/2017 21:16	2.19	17.50
9/9/2017 21:46	1.47	17.14
9/9/2017 22:16	0.91	16.86
9/9/2017 22:46	0.45	16.60
9/9/2017 23:16	0.22	16.38
9/9/2017 23:46	0.11	16.18
9/10/2017 0:16	0.06	16.04
9/10/2017 0:46	0.04	15.96
9/10/2017 1:16	0.04	15.94
9/10/2017 1:46	0.03	16.00
9/10/2017 2:16	0.07	16.06
9/10/2017 2:46	0.18	16.16
9/10/2017 3:16	0.23	16.32
9/10/2017 3:46	0.38	16.44
9/10/2017 4:16	0.51	16.56
9/10/2017 4:46	0.64	16.70
9/10/2017 5:16	0.74	16.78
9/10/2017 5:46	0.82	16.86
9/10/2017 6:16	0.90	16.90
9/10/2017 6:46	0.80	16.92
9/10/2017 7:16	0.84	16.90
9/10/2017 7:46	0.80	16.82
9/10/2017 8:16	0.80	16.74
9/10/2017 8:46	0.76	16.72
9/10/2017 9:16	0.74	16.64
9/10/2017 9:46	0.91	16.62
9/10/2017 10:16	0.96	16.60
9/10/2017 10:46	1.10	16.60
9/10/2017 11:16	1.31	16.64
9/10/2017 11:46	1.40	16.70
9/10/2017 12:16	1.46	16.72
9/10/2017 12:46	1.56	16.74
9/10/2017 13:16	1.64	16.90
9/10/2017 13:46	1.72	17.02
9/10/2017 14:16	1.75	17.14
9/10/2017 14:46	1.80	17.24
9/10/2017 15:16	1.84	17.26
9/10/2017 15:46	1.80	17.18
9/10/2017 16:16	1.69	17.02

Date	DO (mg/L)	Temp (°C)
9/10/2017 16:46	1.55	16.98
9/10/2017 17:16	1.43	16.96
9/10/2017 17:46	1.28	16.92
9/10/2017 18:16	1.14	16.88
9/10/2017 18:46	0.99	16.80
9/10/2017 19:16	0.86	16.74
9/10/2017 19:46	0.72	16.64
9/10/2017 20:16	8.44	18.06
9/10/2017 20:46	8.34	18.34
9/10/2017 21:16	7.64	18.32
9/10/2017 21:46	5.87	18.42
9/10/2017 22:16	5.29	18.72
9/10/2017 22:46	5.14	18.84
9/10/2017 23:16	5.03	18.84
9/10/2017 23:46	4.99	18.84
9/11/2017 0:16	5.06	18.84
9/11/2017 0:46	5.10	18.82
9/11/2017 1:16	5.14	18.80
9/11/2017 1:46	5.16	18.80
9/11/2017 2:16	5.14	18.76
9/11/2017 2:46	5.14	18.74
9/11/2017 3:16	5.13	18.70
9/11/2017 3:46	4.96	18.60
9/11/2017 4:16	4.00	18.18
9/11/2017 4:46	2.81	17.60
9/11/2017 5:16	2.04	17.18
9/11/2017 5:46	1.55	16.90
9/11/2017 6:16	1.25	16.72
9/11/2017 6:46	0.89	16.58
9/11/2017 7:16	0.55	16.44
9/11/2017 7:46	0.37	16.34
9/11/2017 8:16	0.27	16.26
9/11/2017 8:46	0.23	16.20
9/11/2017 9:16	0.20	16.20
9/11/2017 9:46	0.19	16.24
9/11/2017 10:16	6.09	15.90
9/11/2017 10:46	8.49	18.10
9/11/2017 11:16	8.42	18.20
9/11/2017 11:46	8.44	18.26
9/11/2017 12:16	8.44	18.30
9/11/2017 12:46	8.46	18.36
9/11/2017 13:16	7.41	18.44
9/11/2017 13:46	6.32	18.78

Date	DO (mg/L)	Temp (°C)
9/11/2017 14:16	6.06	19.20
9/11/2017 14:46	5.95	19.44
9/11/2017 15:16	5.80	19.46
9/11/2017 15:46	5.76	19.32
9/11/2017 16:16	5.80	19.26
9/11/2017 16:46	5.78	19.22
9/11/2017 17:16	5.69	19.16
9/11/2017 17:46	5.65	19.10
9/11/2017 18:16	5.62	19.04
9/11/2017 18:46	5.51	18.98
9/11/2017 19:16	5.43	18.94
9/11/2017 19:46	5.35	18.90
9/11/2017 20:16	5.03	18.76
9/11/2017 20:46	4.12	18.42
9/11/2017 21:16	3.16	18.02
9/11/2017 21:46	2.50	17.74
9/11/2017 22:16	2.03	17.54
9/11/2017 22:46	1.63	17.38
9/11/2017 23:16	1.26	17.24
9/11/2017 23:46	0.97	17.10
9/12/2017 0:16	0.71	17.00
9/12/2017 0:46	0.64	16.92
9/12/2017 1:16	0.68	16.90
9/12/2017 1:46	0.63	16.84
9/12/2017 2:16	0.63	16.78
9/12/2017 2:46	0.64	16.76
9/12/2017 3:16	0.62	16.74
9/12/2017 3:46	0.59	16.72
9/12/2017 4:16	0.57	16.68
9/12/2017 4:46	0.54	16.68
9/12/2017 5:16	0.53	16.68
9/12/2017 5:46	0.47	16.66
9/12/2017 6:16	0.45	16.66
9/12/2017 6:46	0.41	16.64
9/12/2017 7:16	0.35	16.64
9/12/2017 7:46	0.31	16.64
9/12/2017 8:16	0.36	16.66
9/12/2017 8:46	0.36	16.70
9/12/2017 9:16	0.37	16.72
9/12/2017 9:46	0.38	16.76
9/12/2017 10:16	6.63	16.28
9/12/2017 10:46	8.72	18.18
9/12/2017 11:16	8.66	18.26

Date	DO (mg/L)	Temp (°C)
9/12/2017 11:46	8.67	18.30
9/12/2017 12:16	8.67	18.34
9/12/2017 12:46	8.67	18.34
9/12/2017 13:16	8.02	18.38
9/12/2017 13:46	6.89	18.70
9/12/2017 14:16	6.62	19.20
9/12/2017 14:46	6.34	19.26
9/12/2017 15:16	6.31	19.40
9/12/2017 15:46	6.40	19.36
9/12/2017 16:16	6.40	19.18
9/12/2017 16:46	6.41	19.10
9/12/2017 17:16	6.40	19.04
9/12/2017 17:46	6.36	18.98
9/12/2017 18:16	6.34	18.96
9/12/2017 18:46	6.34	18.92
9/12/2017 19:16	6.24	18.86
9/12/2017 19:46	6.15	18.82
9/12/2017 20:16	5.73	18.66
9/12/2017 20:46	4.88	18.32
9/12/2017 21:16	3.94	17.94
9/12/2017 21:46	3.15	17.66
9/12/2017 22:16	2.63	17.48
9/12/2017 22:46	2.17	17.30
9/12/2017 23:16	1.84	17.16
9/12/2017 23:46	1.60	17.06
9/13/2017 0:16	1.50	17.00
9/13/2017 0:46	1.44	16.98
9/13/2017 1:16	1.33	16.96
9/13/2017 1:46	1.23	16.90
9/13/2017 2:16	1.20	16.84
9/13/2017 2:46	1.26	16.82
9/13/2017 3:16	1.29	16.84
9/13/2017 3:46	1.25	16.82
9/13/2017 4:16	1.17	16.78
9/13/2017 4:46	1.05	16.72
9/13/2017 5:16	1.03	16.68
9/13/2017 5:46	1.06	16.66
9/13/2017 6:16	1.09	16.66
9/13/2017 6:46	1.07	16.66
9/13/2017 7:16	1.08	16.64
9/13/2017 7:46	1.06	16.64
9/13/2017 8:16	1.00	16.62
9/13/2017 8:46	0.96	16.60

Date	DO (mg/L)	Temp (°C)
9/13/2017 9:16	0.94	16.62
9/13/2017 9:46	0.89	16.64
9/13/2017 10:16	5.91	16.08
9/13/2017 10:46	8.54	18.10
9/13/2017 11:16	8.47	18.14
9/13/2017 11:46	8.45	18.14
9/13/2017 12:16	8.45	18.18
9/13/2017 12:46	8.43	18.18
9/13/2017 13:16	7.68	18.30
9/13/2017 13:46	6.40	18.74
9/13/2017 14:16	6.00	19.40
9/13/2017 14:46	5.82	19.74
9/13/2017 15:16	5.86	19.84
9/13/2017 15:46	5.75	19.40
9/13/2017 16:16	5.82	19.18
9/13/2017 16:46	5.95	19.08
9/13/2017 17:16	5.98	19.02
9/13/2017 17:46	5.91	18.92
9/13/2017 18:16	5.86	18.84
9/13/2017 18:46	5.80	18.80
9/13/2017 19:16	5.74	18.76
9/13/2017 19:46	5.69	18.72
9/13/2017 20:16	5.26	18.52
9/13/2017 20:46	4.38	18.14
9/13/2017 21:16	3.52	17.76
9/13/2017 21:46	2.72	17.48
9/13/2017 22:16	2.22	17.32
9/13/2017 22:46	1.86	17.20
9/13/2017 23:16	1.53	17.12
9/13/2017 23:46	1.25	17.04
9/14/2017 0:16	1.03	16.98
9/14/2017 0:46	0.93	16.94
9/14/2017 1:16	0.85	16.92
9/14/2017 1:46	0.72	16.88
9/14/2017 2:16	0.56	16.78
9/14/2017 2:46	0.48	16.66
9/14/2017 3:16	0.45	16.58
9/14/2017 3:46	0.47	16.58
9/14/2017 4:16	0.49	16.60
9/14/2017 4:46	0.45	16.58
9/14/2017 5:16	0.40	16.54
9/14/2017 5:46	0.38	16.54
9/14/2017 6:16	0.32	16.54

Date	DO (mg/L)	Temp (°C)
9/14/2017 6:46	0.31	16.54
9/14/2017 7:16	0.29	16.56
9/14/2017 7:46	0.28	16.62
9/14/2017 8:16	0.28	16.68
9/14/2017 8:46	0.23	16.70
9/14/2017 9:16	0.23	16.72
9/14/2017 9:46	0.29	16.74
9/14/2017 10:16	5.98	16.18
9/14/2017 10:46	8.31	18.06
9/14/2017 11:16	8.27	18.10
9/14/2017 11:46	8.27	18.10
9/14/2017 12:16	8.26	18.12
9/14/2017 12:46	8.24	18.12
9/14/2017 13:16	7.10	18.14
9/14/2017 13:46	5.95	18.44
9/14/2017 14:16	5.69	18.82
9/14/2017 14:46	5.52	18.96
9/14/2017 15:16	5.55	19.06
9/14/2017 15:46	5.48	19.02
9/14/2017 16:16	5.48	19.00
9/14/2017 16:46	5.46	18.98
9/14/2017 17:16	5.44	18.92
9/14/2017 17:46	5.34	18.88
9/14/2017 18:16	5.30	18.84
9/14/2017 18:46	5.25	18.80
9/14/2017 19:16	5.16	18.76
9/14/2017 19:46	5.09	18.74
9/14/2017 20:16	4.90	18.64
9/14/2017 20:46	4.01	18.32
9/14/2017 21:16	3.09	17.96
9/14/2017 21:46	2.47	17.72
9/14/2017 22:16	2.03	17.52
9/14/2017 22:46	1.60	17.38
9/14/2017 23:16	1.27	17.24
9/14/2017 23:46	1.00	17.16
9/15/2017 0:16	0.84	17.10
9/15/2017 0:46	0.81	17.06
9/15/2017 1:16	0.77	17.04
9/15/2017 1:46	0.74	17.04
9/15/2017 2:16	0.72	17.04
9/15/2017 2:46	0.77	17.04
9/15/2017 3:16	0.77	17.04
9/15/2017 3:46	0.79	17.04

Date	DO (mg/L)	Temp (°C)
9/15/2017 4:16	0.82	17.04
9/15/2017 4:46	0.80	17.04
9/15/2017 5:16	0.80	17.02
9/15/2017 5:46	0.74	16.98
9/15/2017 6:16	0.72	16.94
9/15/2017 6:46	0.66	16.90
9/15/2017 7:16	0.65	16.88
9/15/2017 7:46	0.64	16.88
9/15/2017 8:16	0.63	16.86
9/15/2017 8:46	0.59	16.84
9/15/2017 9:16	0.59	16.84
9/15/2017 9:46	0.63	16.86
9/15/2017 10:16	6.05	16.28
9/15/2017 10:46	8.46	18.00
9/15/2017 11:16	8.38	18.04
9/15/2017 11:46	8.38	18.04
9/15/2017 12:16	8.40	18.06
9/15/2017 12:46	8.41	18.06
9/15/2017 13:16	7.62	18.10
9/15/2017 13:46	6.28	18.42
9/15/2017 14:16	5.82	18.78
9/15/2017 14:46	5.84	19.04
9/15/2017 15:16	5.86	19.14
9/15/2017 15:46	5.63	19.06
9/15/2017 16:16	5.76	19.06
9/15/2017 16:46	5.64	18.98
9/15/2017 17:16	5.62	18.94
9/15/2017 17:46	5.61	18.90
9/15/2017 18:16	5.55	18.88
9/15/2017 18:46	5.47	18.84
9/15/2017 19:16	5.40	18.78
9/15/2017 19:46	5.30	18.74
9/15/2017 20:16	5.12	18.66
9/15/2017 20:46	4.31	18.40
9/15/2017 21:16	3.31	18.02
9/15/2017 21:46	2.59	17.74
9/15/2017 22:16	2.10	17.52
9/15/2017 22:46	1.70	17.36
9/15/2017 23:16	1.40	17.24
9/15/2017 23:46	1.12	17.14
9/16/2017 0:16	0.93	17.06
9/16/2017 0:46	0.75	17.02
9/16/2017 1:16	0.64	16.98

Date	DO (mg/L)	Temp (°C)
9/16/2017 1:46	0.58	16.92
9/16/2017 2:16	0.59	16.90
9/16/2017 2:46	0.70	16.90
9/16/2017 3:16	0.74	16.94
9/16/2017 3:46	0.70	16.98
9/16/2017 4:16	0.64	16.96
9/16/2017 4:46	0.58	16.90
9/16/2017 5:16	0.55	16.84
9/16/2017 5:46	0.53	16.82
9/16/2017 6:16	0.56	16.82
9/16/2017 6:46	0.49	16.80
9/16/2017 7:16	0.44	16.80
9/16/2017 7:46	0.38	16.80
9/16/2017 8:16	0.37	16.80
9/16/2017 8:46	0.41	16.82
9/16/2017 9:16	0.47	16.86
9/16/2017 9:46	0.54	16.92
9/16/2017 10:16	0.58	16.98
9/16/2017 10:46	0.56	17.02
9/16/2017 11:16	0.57	17.08
9/16/2017 11:46	0.66	17.18
9/16/2017 12:16	0.76	17.18
9/16/2017 12:46	0.86	17.20
9/16/2017 13:16	0.80	17.14
9/16/2017 13:46	0.75	17.14
9/16/2017 14:16	0.75	17.16
9/16/2017 14:46	0.82	17.58
9/16/2017 15:16	0.83	17.50
9/16/2017 15:46	0.80	17.28
9/16/2017 16:16	0.75	17.16
9/16/2017 16:46	0.65	17.12
9/16/2017 17:16	0.61	17.12
9/16/2017 17:46	0.62	17.10
9/16/2017 18:16	0.58	17.06
9/16/2017 18:46	0.53	17.04
9/16/2017 19:16	0.49	17.02
9/16/2017 19:46	0.42	16.98
9/16/2017 20:16	0.39	16.96
9/16/2017 20:46	0.35	16.92
9/16/2017 21:16	0.33	16.90
9/16/2017 21:46	0.31	16.88
9/16/2017 22:16	0.30	16.86
9/16/2017 22:46	0.29	16.86

Date	DO (mg/L)	Temp (°C)
9/16/2017 23:16	0.27	16.80
9/16/2017 23:46	0.26	16.78
9/17/2017 0:16	0.24	16.76
9/17/2017 0:46	0.24	16.78
9/17/2017 1:16	0.23	16.78
9/17/2017 1:46	0.22	16.74
9/17/2017 2:16	0.20	16.72
9/17/2017 2:46	0.16	16.70
9/17/2017 3:16	0.14	16.68
9/17/2017 3:46	0.13	16.72
9/17/2017 4:16	0.13	16.76
9/17/2017 4:46	0.11	16.78
9/17/2017 5:16	0.10	16.76
9/17/2017 5:46	0.09	16.80
9/17/2017 6:16	0.13	16.88
9/17/2017 6:46	0.15	16.92
9/17/2017 7:16	0.15	16.94
9/17/2017 7:46	0.15	16.94
9/17/2017 8:16	0.16	16.92
9/17/2017 8:46	0.18	16.94
9/17/2017 9:16	0.22	16.96
9/17/2017 9:46	0.26	17.00
9/17/2017 10:16	0.27	17.04
9/17/2017 10:46	0.31	17.10
9/17/2017 11:16	0.35	17.12
9/17/2017 11:46	0.37	17.14
9/17/2017 12:16	0.38	17.12
9/17/2017 12:46	0.36	17.24
9/17/2017 13:16	0.39	17.58
9/17/2017 13:46	0.39	17.60
9/17/2017 14:16	0.39	17.28
9/17/2017 14:46	0.37	17.48
9/17/2017 15:16	0.37	17.32
9/17/2017 15:46	0.38	17.12
9/17/2017 16:16	0.36	17.06
9/17/2017 16:46	0.35	17.04
9/17/2017 17:16	0.35	16.98
9/17/2017 17:46	0.32	16.96
9/17/2017 18:16	0.31	16.94
9/17/2017 18:46	0.29	16.90
9/17/2017 19:16	0.27	16.90
9/17/2017 19:46	0.26	16.88
9/17/2017 20:16	0.24	16.88

Date	DO (mg/L)	Temp (°C)
9/17/2017 20:46	0.21	16.88
9/17/2017 21:16	0.19	16.90
9/17/2017 21:46	0.16	16.90
9/17/2017 22:16	0.15	16.88
9/17/2017 22:46	0.15	16.88
9/17/2017 23:16	0.15	16.90
9/17/2017 23:46	0.15	16.90
9/18/2017 0:16	0.14	16.92
9/18/2017 0:46	0.14	16.88
9/18/2017 1:16	0.12	16.78
9/18/2017 1:46	0.10	16.74
9/18/2017 2:16	0.10	16.76
9/18/2017 2:46	0.11	16.78
9/18/2017 3:16	0.10	16.74
9/18/2017 3:46	0.06	16.68
9/18/2017 4:16	0.05	16.66
9/18/2017 4:46	0.05	16.68
9/18/2017 5:16	0.06	16.74
9/18/2017 5:46	0.07	16.84
9/18/2017 6:16	0.10	16.92
9/18/2017 6:46	0.11	16.98
9/18/2017 7:16	0.14	17.00
9/18/2017 7:46	0.15	17.02
9/18/2017 8:16	0.16	17.06
9/18/2017 8:46	0.19	17.12
9/18/2017 9:16	0.22	17.18
9/18/2017 9:46	0.26	17.20
9/18/2017 10:16	6.07	16.34
9/18/2017 10:46	8.21	18.22
9/18/2017 11:16	8.11	18.24
9/18/2017 11:46	8.12	18.24
9/18/2017 12:16	8.09	18.22
9/18/2017 12:46	8.10	18.22
9/18/2017 13:16	6.84	18.36
9/18/2017 13:46	5.43	18.98
9/18/2017 14:16	5.00	19.32
9/18/2017 14:46	5.01	19.54
9/18/2017 15:16	5.00	19.54
9/18/2017 15:46	4.88	19.28
9/18/2017 16:16	4.87	19.12
9/18/2017 16:46	4.91	19.06
9/18/2017 17:16	4.92	19.04
9/18/2017 17:46	4.92	19.02

Date	DO (mg/L)	Temp (°C)
9/18/2017 18:16	4.85	18.96
9/18/2017 18:46	4.78	18.92
9/18/2017 19:16	4.71	18.88
9/18/2017 19:46	4.67	18.84
9/18/2017 20:16	4.59	18.76
9/18/2017 20:46	3.90	18.50
9/18/2017 21:16	3.00	18.16
9/18/2017 21:46	2.36	17.88
9/18/2017 22:16	1.90	17.66
9/18/2017 22:46	1.50	17.48
9/18/2017 23:16	1.12	17.30
9/18/2017 23:46	0.84	17.14
9/19/2017 0:16	0.73	17.02
9/19/2017 0:46	0.70	17.00
9/19/2017 1:16	0.70	17.04
9/19/2017 1:46	0.63	17.04
9/19/2017 2:16	0.55	17.04
9/19/2017 2:46	0.49	17.00
9/19/2017 3:16	0.45	16.98
9/19/2017 3:46	0.41	16.98
9/19/2017 4:16	0.40	16.96
9/19/2017 4:46	0.38	16.94
9/19/2017 5:16	0.37	16.92
9/19/2017 5:46	0.41	16.92
9/19/2017 6:16	0.41	16.92
9/19/2017 6:46	0.40	16.92
9/19/2017 7:16	0.42	16.90
9/19/2017 7:46	0.46	16.90
9/19/2017 8:16	0.53	16.94
9/19/2017 8:46	0.66	17.02
9/19/2017 9:16	0.79	17.12
9/19/2017 9:46	0.84	17.16
9/19/2017 10:16	0.86	17.16
9/19/2017 10:46	0.83	17.14
9/19/2017 11:16	0.82	17.10
9/19/2017 11:46	0.81	17.12
9/19/2017 12:16	0.82	17.14
9/19/2017 12:46	0.85	17.26
9/19/2017 13:16	0.82	17.34
9/19/2017 13:46	0.85	17.72
9/19/2017 14:16	0.91	17.98
9/19/2017 14:46	0.90	18.12
9/19/2017 15:16	0.91	17.82

Date	DO (mg/L)	Temp (°C)
9/19/2017 15:46	0.91	17.58
9/19/2017 16:16	0.91	17.44
9/19/2017 16:46	0.85	17.36
9/19/2017 17:16	0.77	17.28
9/19/2017 17:46	0.70	17.14
9/19/2017 18:16	0.59	17.00
9/19/2017 18:46	0.51	16.90
9/19/2017 19:16	0.47	16.86
9/19/2017 19:46	0.44	16.84
9/19/2017 20:16	0.42	16.84
9/19/2017 20:46	0.40	16.84
9/19/2017 21:16	0.38	16.82
9/19/2017 21:46	0.38	16.80
9/19/2017 22:16	0.38	16.78
9/19/2017 22:46	0.38	16.78
9/19/2017 23:16	0.39	16.76
9/19/2017 23:46	0.37	16.76
9/20/2017 0:16	0.36	16.78
9/20/2017 0:46	0.36	16.80
9/20/2017 1:16	0.35	16.80
9/20/2017 1:46	0.33	16.80
9/20/2017 2:16	0.30	16.80
9/20/2017 2:46	0.29	16.80
9/20/2017 3:16	0.35	16.90
9/20/2017 3:46	0.37	17.00
9/20/2017 4:16	0.40	17.08
9/20/2017 4:46	0.39	17.12
9/20/2017 5:16	0.38	17.10
9/20/2017 5:46	0.37	17.14
9/20/2017 6:16	0.40	17.18
9/20/2017 6:46	0.46	17.22
9/20/2017 7:16	0.50	17.26
9/20/2017 7:46	0.54	17.28
9/20/2017 8:16	0.56	17.26
9/20/2017 8:46	0.56	17.20
9/20/2017 9:16	0.55	17.18
9/20/2017 9:46	0.53	17.18
9/20/2017 10:16	0.55	17.22
9/20/2017 10:46	0.56	17.26
9/20/2017 11:16	0.55	17.30
9/20/2017 11:46	0.51	17.30
9/20/2017 12:16	0.47	17.26
9/20/2017 12:46	0.40	17.22

Date	DO (mg/L)	Temp (°C)
9/20/2017 13:16	0.39	17.18
9/20/2017 13:46	0.36	17.22
9/20/2017 14:16	0.36	17.20
9/20/2017 14:46	0.36	17.14
9/20/2017 15:16	0.38	17.04
9/20/2017 15:46	0.37	17.00
9/20/2017 16:16	0.36	16.96
9/20/2017 16:46	0.36	16.88
9/20/2017 17:16	0.33	16.78
9/20/2017 17:46	0.28	16.74
9/20/2017 18:16	0.22	16.72
9/20/2017 18:46	0.23	16.72
9/20/2017 19:16	0.20	16.70
9/20/2017 19:46	0.16	16.72
9/20/2017 20:16	0.14	16.76
9/20/2017 20:46	0.14	16.80
9/20/2017 21:16	0.12	16.80
9/20/2017 21:46	0.10	16.78
9/20/2017 22:16	0.06	16.74
9/20/2017 22:46	0.05	16.72
9/20/2017 23:16	0.05	16.72
9/20/2017 23:46	0.03	16.72
9/21/2017 0:16	0.03	16.72
9/21/2017 0:46	0.02	16.70
9/21/2017 1:16	0.02	16.70
9/21/2017 1:46	0.01	16.74
9/21/2017 2:16	0.02	16.76
9/21/2017 2:46	0.02	16.78
9/21/2017 3:16	0.01	16.72
9/21/2017 3:46	0.00	16.62
9/21/2017 4:16	0.00	16.56
9/21/2017 4:46	0.00	16.56
9/21/2017 5:16	0.00	16.62
9/21/2017 5:46	0.00	16.70
9/21/2017 6:16	0.01	16.76
9/21/2017 6:46	0.01	16.76
9/21/2017 7:16	0.00	16.74
9/21/2017 7:46	0.00	16.72
9/21/2017 8:16	-0.02	16.74
9/21/2017 8:46	-0.02	16.78
9/21/2017 9:16	0.00	16.86
9/21/2017 9:46	0.01	16.94
9/21/2017 10:16	0.03	17.02

Date	DO (mg/L)	Temp (°C)
9/21/2017 10:46	0.05	17.02
9/21/2017 11:16	0.06	17.06
9/21/2017 11:46	0.06	17.14
9/21/2017 12:16	0.05	17.16
9/21/2017 12:46	0.04	17.22
9/21/2017 13:16	0.18	17.58
9/21/2017 13:46	0.63	17.82
9/21/2017 14:16	5.70	16.60
9/21/2017 14:46	7.63	17.86
9/21/2017 15:16	7.62	17.84
9/21/2017 15:46	7.32	17.60
9/21/2017 16:16	7.66	17.72
9/21/2017 16:46	7.65	17.86
9/21/2017 17:16	7.54	17.90
9/21/2017 17:46	7.21	17.60
9/21/2017 18:16	6.27	17.58
9/21/2017 18:46	3.73	17.76
9/21/2017 19:16	3.19	18.08
9/21/2017 19:46	3.10	18.24
9/21/2017 20:16	3.18	18.34
9/21/2017 20:46	3.19	18.36
9/21/2017 21:16	3.19	18.36
9/21/2017 21:46	3.17	18.34
9/21/2017 22:16	3.15	18.30
9/21/2017 22:46	3.13	18.28
9/21/2017 23:16	3.11	18.26
9/21/2017 23:46	3.11	18.24
9/22/2017 0:16	3.09	18.24
9/22/2017 0:46	3.15	18.22
9/22/2017 1:16	3.18	18.22
9/22/2017 1:46	3.08	18.14
9/22/2017 2:16	2.60	17.94
9/22/2017 2:46	2.01	17.70
9/22/2017 3:16	1.56	17.50
9/22/2017 3:46	1.24	17.36
9/22/2017 4:16	0.96	17.26
9/22/2017 4:46	0.79	17.22
9/22/2017 5:16	0.74	17.24
9/22/2017 5:46	0.74	17.26
9/22/2017 6:16	0.75	17.30
9/22/2017 6:46	0.75	17.32
9/22/2017 7:16	0.77	17.32
9/22/2017 7:46	0.80	17.32

Date	DO (mg/L)	Temp (°C)
9/22/2017 8:16	0.82	17.32
9/22/2017 8:46	0.76	17.30
9/22/2017 9:16	0.63	17.22
9/22/2017 9:46	0.61	17.14
9/22/2017 10:16	5.79	16.38
9/22/2017 10:46	7.77	18.14
9/22/2017 11:16	7.75	18.14
9/22/2017 11:46	7.77	18.12
9/22/2017 12:16	7.74	18.08
9/22/2017 12:46	7.75	18.08
9/22/2017 13:16	7.77	18.14
9/22/2017 13:46	7.55	18.02
9/22/2017 14:16	7.54	18.00
9/22/2017 14:46	7.24	17.64
9/22/2017 15:16	7.24	17.56
9/22/2017 15:46	7.51	17.64
9/22/2017 16:16	7.48	17.70
9/22/2017 16:46	7.32	17.62
9/22/2017 17:16	7.42	17.72
9/22/2017 17:46	7.32	17.66
9/22/2017 18:16	7.03	17.64
9/22/2017 18:46	4.03	17.70
9/22/2017 19:16	3.25	18.06
9/22/2017 19:46	3.13	18.24
9/22/2017 20:16	3.17	18.34
9/22/2017 20:46	3.19	18.38
9/22/2017 21:16	3.20	18.38
9/22/2017 21:46	3.19	18.36
9/22/2017 22:16	3.19	18.34
9/22/2017 22:46	3.16	18.32
9/22/2017 23:16	3.09	18.28
9/22/2017 23:46	3.15	18.28
9/23/2017 0:16	3.25	18.30
9/23/2017 0:46	3.37	18.32
9/23/2017 1:16	3.44	18.32
9/23/2017 1:46	3.30	18.26
9/23/2017 2:16	2.74	17.98
9/23/2017 2:46	2.17	17.74
9/23/2017 3:16	1.80	17.56
9/23/2017 3:46	1.55	17.44
9/23/2017 4:16	1.35	17.38
9/23/2017 4:46	1.17	17.36
9/23/2017 5:16	1.15	17.36

Date	DO (mg/L)	Temp (°C)
9/23/2017 5:46	1.23	17.42
9/23/2017 6:16	1.31	17.48
9/23/2017 6:46	1.37	17.52
9/23/2017 7:16	1.40	17.56
9/23/2017 7:46	1.45	17.56
9/23/2017 8:16	1.33	17.48
9/23/2017 8:46	1.17	17.32
9/23/2017 9:16	1.03	17.20
9/23/2017 9:46	0.88	17.06
9/23/2017 10:16	0.67	16.92
9/23/2017 10:46	0.57	16.82
9/23/2017 11:16	0.53	16.76
9/23/2017 11:46	0.49	16.78
9/23/2017 12:16	0.47	16.80
9/23/2017 12:46	0.47	16.88
9/23/2017 13:16	0.49	17.28
9/23/2017 13:46	0.50	17.60
9/23/2017 14:16	0.53	17.78
9/23/2017 14:46	0.54	17.88
9/23/2017 15:16	0.50	17.88
9/23/2017 15:46	0.50	17.42
9/23/2017 16:16	0.44	17.26
9/23/2017 16:46	0.41	17.22
9/23/2017 17:16	0.39	17.20
9/23/2017 17:46	0.39	17.20
9/23/2017 18:16	0.40	17.16
9/23/2017 18:46	0.37	17.14
9/23/2017 19:16	0.35	17.10
9/23/2017 19:46	0.30	17.08
9/23/2017 20:16	0.28	17.04
9/23/2017 20:46	0.28	17.04
9/23/2017 21:16	0.27	17.02
9/23/2017 21:46	0.28	17.00
9/23/2017 22:16	0.24	16.92
9/23/2017 22:46	0.22	16.88
9/23/2017 23:16	0.21	16.86
9/23/2017 23:46	0.20	16.82
9/24/2017 0:16	0.15	16.72
9/24/2017 0:46	0.11	16.64
9/24/2017 1:16	0.09	16.62
9/24/2017 1:46	0.10	16.66
9/24/2017 2:16	0.12	16.76
9/24/2017 2:46	0.14	16.86

Date	DO (mg/L)	Temp (°C)
9/24/2017 3:16	0.18	16.98
9/24/2017 3:46	0.24	17.10
9/24/2017 4:16	0.32	17.20
9/24/2017 4:46	0.42	17.28
9/24/2017 5:16	0.57	17.38
9/24/2017 5:46	0.62	17.40
9/24/2017 6:16	0.67	17.44
9/24/2017 6:46	0.68	17.40
9/24/2017 7:16	0.63	17.28
9/24/2017 7:46	0.49	17.14
9/24/2017 8:16	0.41	17.00
9/24/2017 8:46	0.39	16.90
9/24/2017 9:16	0.38	16.80
9/24/2017 9:46	0.36	16.76
9/24/2017 10:16	0.35	16.76
9/24/2017 10:46	0.35	16.80
9/24/2017 11:16	0.35	16.86
9/24/2017 11:46	0.36	16.92
9/24/2017 12:16	0.32	16.96
9/24/2017 12:46	0.31	17.02
9/24/2017 13:16	0.26	17.40
9/24/2017 13:46	0.27	17.72
9/24/2017 14:16	0.30	17.88
9/24/2017 14:46	0.33	17.98
9/24/2017 15:16	0.36	18.00
9/24/2017 15:46	0.37	17.56
9/24/2017 16:16	0.32	17.42
9/24/2017 16:46	0.29	17.34
9/24/2017 17:16	0.27	17.28
9/24/2017 17:46	0.26	17.26
9/24/2017 18:16	0.26	17.22
9/24/2017 18:46	0.23	17.18
9/24/2017 19:16	0.22	17.14
9/24/2017 19:46	0.21	17.10
9/24/2017 20:16	0.18	17.08
9/24/2017 20:46	0.14	17.08
9/24/2017 21:16	0.14	17.10
9/24/2017 21:46	0.13	17.10
9/24/2017 22:16	0.13	17.06
9/24/2017 22:46	0.13	16.98
9/24/2017 23:16	0.10	16.90
9/24/2017 23:46	0.09	16.88
9/25/2017 0:16	0.09	16.88

Date	DO (mg/L)	Temp (°C)
9/25/2017 0:46	0.10	16.90
9/25/2017 1:16	0.10	16.90
9/25/2017 1:46	0.10	16.92
9/25/2017 2:16	0.10	16.94
9/25/2017 2:46	0.10	16.94
9/25/2017 3:16	0.10	16.98
9/25/2017 3:46	0.09	17.00
9/25/2017 4:16	0.09	17.00
9/25/2017 4:46	0.09	16.98
9/25/2017 5:16	0.07	16.98
9/25/2017 5:46	0.07	17.00
9/25/2017 6:16	0.07	17.04
9/25/2017 6:46	0.09	17.10
9/25/2017 7:16	0.12	17.10
9/25/2017 7:46	0.14	17.08
9/25/2017 8:16	0.15	17.06
9/25/2017 8:46	0.19	17.04
9/25/2017 9:16	0.19	17.06
9/25/2017 9:46	0.19	17.10
9/25/2017 10:16	6.15	16.48
9/25/2017 10:46	7.62	18.38
9/25/2017 11:16	7.64	18.42
9/25/2017 11:46	7.67	18.46
9/25/2017 12:16	7.65	18.44
9/25/2017 12:46	7.67	18.48
9/25/2017 13:16	7.65	18.48
9/25/2017 13:46	7.31	17.98
9/25/2017 14:16	7.44	18.24
9/25/2017 14:46	7.19	17.86
9/25/2017 15:16	7.57	18.06
9/25/2017 15:46	7.59	18.30
9/25/2017 16:16	7.16	18.00
9/25/2017 16:46	7.20	17.76
9/25/2017 17:16	7.23	17.78
9/25/2017 17:46	7.24	17.82
9/25/2017 18:16	6.51	17.96
9/25/2017 18:46	3.97	18.14
9/25/2017 19:16	3.43	18.46
9/25/2017 19:46	3.35	18.62
9/25/2017 20:16	3.33	18.70
9/25/2017 20:46	3.34	18.72
9/25/2017 21:16	3.34	18.72
9/25/2017 21:46	3.28	18.70

Date	DO (mg/L)	Temp (°C)
9/25/2017 22:16	3.25	18.68
9/25/2017 22:46	3.27	18.66
9/25/2017 23:16	3.31	18.64
9/25/2017 23:46	3.27	18.62
9/26/2017 0:16	3.27	18.60
9/26/2017 0:46	3.31	18.58
9/26/2017 1:16	3.29	18.56
9/26/2017 1:46	3.00	18.40
9/26/2017 2:16	2.39	18.10
9/26/2017 2:46	1.82	17.84
9/26/2017 3:16	1.41	17.62
9/26/2017 3:46	0.99	17.42
9/26/2017 4:16	0.63	17.22
9/26/2017 4:46	0.46	17.00
9/26/2017 5:16	0.41	16.92
9/26/2017 5:46	0.40	16.88
9/26/2017 6:16	0.40	16.90
9/26/2017 6:46	0.39	16.94
9/26/2017 7:16	0.37	16.92
9/26/2017 7:46	0.31	16.92
9/26/2017 8:16	0.33	16.94
9/26/2017 8:46	0.33	17.00
9/26/2017 9:16	0.36	17.06
9/26/2017 9:46	0.39	17.12
9/26/2017 10:16	0.41	17.16
9/26/2017 10:46	0.46	17.18
9/26/2017 11:16	0.44	17.22
9/26/2017 11:46	0.47	17.28
9/26/2017 12:16	0.51	17.32
9/26/2017 12:46	0.55	17.44
9/26/2017 13:16	5.52	16.44
9/26/2017 13:46	7.28	17.76
9/26/2017 14:16	7.42	18.08
9/26/2017 14:46	7.21	17.86
9/26/2017 15:16	7.40	18.00
9/26/2017 15:46	7.64	18.26
9/26/2017 16:16	7.58	18.42
9/26/2017 16:46	7.29	18.08
9/26/2017 17:16	7.31	17.88
9/26/2017 17:46	7.44	18.10
9/26/2017 18:16	6.56	18.16
9/26/2017 18:46	4.25	18.36
9/26/2017 19:16	3.70	18.70

Date	DO (mg/L)	Temp (°C)
9/26/2017 19:46	3.57	18.86
9/26/2017 20:16	3.48	18.88
9/26/2017 20:46	3.48	18.90
9/26/2017 21:16	3.48	18.88
9/26/2017 21:46	3.44	18.86
9/26/2017 22:16	3.44	18.82
9/26/2017 22:46	3.38	18.80
9/26/2017 23:16	3.37	18.78
9/26/2017 23:46	3.39	18.72
9/27/2017 0:16	3.31	18.68
9/27/2017 0:46	3.29	18.64
9/27/2017 1:16	3.21	18.60
9/27/2017 1:46	2.93	18.42
9/27/2017 2:16	2.34	18.14
9/27/2017 2:46	1.79	17.88
9/27/2017 3:16	1.40	17.68
9/27/2017 3:46	1.00	17.48
9/27/2017 4:16	0.66	17.30
9/27/2017 4:46	0.42	17.14
9/27/2017 5:16	0.33	17.00
9/27/2017 5:46	0.28	16.90
9/27/2017 6:16	0.24	16.86
9/27/2017 6:46	0.23	16.80
9/27/2017 7:16	0.21	16.76
9/27/2017 7:46	0.20	16.76
9/27/2017 8:16	0.19	16.76
9/27/2017 8:46	0.22	16.82
9/27/2017 9:16	0.24	16.88
9/27/2017 9:46	0.26	16.94
9/27/2017 10:16	0.28	17.02
9/27/2017 10:46	0.29	17.10
9/27/2017 11:16	0.33	17.18
9/27/2017 11:46	0.38	17.28
9/27/2017 12:16	0.47	17.38
9/27/2017 12:46	0.56	17.54
9/27/2017 13:16	5.64	16.64
9/27/2017 13:46	7.42	18.12
9/27/2017 14:16	7.41	18.10
9/27/2017 14:46	7.11	17.84
9/27/2017 15:16	7.32	17.98
9/27/2017 15:46	7.07	17.78
9/27/2017 16:16	7.32	18.00
9/27/2017 16:46	7.18	18.02

Date	DO (mg/L)	Temp (°C)
9/27/2017 17:16	6.95	17.66
9/27/2017 17:46	7.11	17.74
9/27/2017 18:16	6.04	17.80
9/27/2017 18:46	3.50	17.96
9/27/2017 19:16	2.95	18.24
9/27/2017 19:46	2.91	18.38
9/27/2017 20:16	2.89	18.42
9/27/2017 20:46	2.87	18.42
9/27/2017 21:16	2.83	18.38
9/27/2017 21:46	2.75	18.34
9/27/2017 22:16	2.73	18.30
9/27/2017 22:46	2.74	18.26
9/27/2017 23:16	2.74	18.22
9/27/2017 23:46	2.76	18.20
9/28/2017 0:16	2.69	18.14
9/28/2017 0:46	2.05	17.86
9/28/2017 1:16	1.07	17.42
9/28/2017 1:46	0.53	17.18
9/28/2017 2:16	0.38	17.10
9/28/2017 2:46	0.39	17.12
9/28/2017 3:16	0.42	17.14
9/28/2017 3:46	0.41	17.12
9/28/2017 4:16	0.39	17.10
9/28/2017 4:46	0.36	17.04
9/28/2017 5:16	0.29	16.96
9/28/2017 5:46	0.29	16.94
9/28/2017 6:16	0.27	16.88
9/28/2017 6:46	0.22	16.80
9/28/2017 7:16	0.14	16.70
9/28/2017 7:46	0.13	16.78
9/28/2017 8:16	0.18	16.88
9/28/2017 8:46	0.23	16.92
9/28/2017 9:16	0.27	16.96
9/28/2017 9:46	0.32	16.98
9/28/2017 10:16	0.32	16.94
9/28/2017 10:46	0.32	16.96
9/28/2017 11:16	0.32	16.98
9/28/2017 11:46	0.28	17.02
9/28/2017 12:16	0.36	17.06
9/28/2017 12:46	0.39	17.18
9/28/2017 13:16	0.44	17.54
9/28/2017 13:46	0.45	17.82
9/28/2017 14:16	0.48	17.94

Date	DO (mg/L)	Temp (°C)
9/28/2017 14:46	0.48	18.04
9/28/2017 15:16	0.54	17.92
9/28/2017 15:46	0.48	17.38
9/28/2017 16:16	0.39	17.16
9/28/2017 16:46	0.41	17.14
9/28/2017 17:16	0.42	17.12
9/28/2017 17:46	0.40	17.12
9/28/2017 18:16	0.39	17.12
9/28/2017 18:46	0.37	17.10
9/28/2017 19:16	0.33	17.08
9/28/2017 19:46	0.30	17.04
9/28/2017 20:16	0.29	17.00
9/28/2017 20:46	0.24	16.92
9/28/2017 21:16	0.22	16.88
9/28/2017 21:46	0.20	16.86
9/28/2017 22:16	0.21	16.86
9/28/2017 22:46	0.21	16.88
9/28/2017 23:16	0.22	16.90
9/28/2017 23:46	0.26	16.88
9/29/2017 0:16	0.23	16.86
9/29/2017 0:46	0.21	16.84
9/29/2017 1:16	0.21	16.84
9/29/2017 1:46	0.24	16.90
9/29/2017 2:16	0.26	16.94
9/29/2017 2:46	0.27	16.96
9/29/2017 3:16	0.32	16.98
9/29/2017 3:46	0.36	16.96
9/29/2017 4:16	0.33	16.94
9/29/2017 4:46	0.32	16.92
9/29/2017 5:16	0.30	16.94
9/29/2017 5:46	0.33	16.94
9/29/2017 6:16	0.36	16.90
9/29/2017 6:46	0.28	16.82
9/29/2017 7:16	0.23	16.76
9/29/2017 7:46	0.21	16.74
9/29/2017 8:16	0.20	16.74
9/29/2017 8:46	0.19	16.76
9/29/2017 9:16	0.18	16.78
9/29/2017 9:46	0.20	16.80
9/29/2017 10:16	5.62	16.26
9/29/2017 10:46	7.49	18.18
9/29/2017 11:16	7.42	18.18
9/29/2017 11:46	7.42	18.16

Date	DO (mg/L)	Temp (°C)
9/29/2017 12:16	7.44	18.16
9/29/2017 12:46	7.47	18.18
9/29/2017 13:16	6.16	18.30
9/29/2017 13:46	4.33	18.90
9/29/2017 14:16	3.98	19.52
9/29/2017 14:46	4.00	19.86
9/29/2017 15:16	3.94	19.96
9/29/2017 15:46	3.88	19.34
9/29/2017 16:16	3.77	19.16
9/29/2017 16:46	3.81	19.04
9/29/2017 17:16	3.77	18.98
9/29/2017 17:46	3.72	18.92
9/29/2017 18:16	3.76	18.90
9/29/2017 18:46	3.71	18.86
9/29/2017 19:16	3.61	18.80
9/29/2017 19:46	3.53	18.76
9/29/2017 20:16	3.50	18.74
9/29/2017 20:46	3.26	18.58
9/29/2017 21:16	2.66	18.32
9/29/2017 21:46	2.07	18.06
9/29/2017 22:16	1.58	17.84
9/29/2017 22:46	1.18	17.64
9/29/2017 23:16	0.81	17.46
9/29/2017 23:46	0.55	17.30
9/30/2017 0:16	0.44	17.20
9/30/2017 0:46	0.35	17.08
9/30/2017 1:16	0.27	16.94
9/30/2017 1:46	0.22	16.82
9/30/2017 2:16	0.19	16.72
9/30/2017 2:46	0.19	16.70
9/30/2017 3:16	0.21	16.72
9/30/2017 3:46	0.21	16.74
9/30/2017 4:16	0.23	16.76
9/30/2017 4:46	0.23	16.78
9/30/2017 5:16	0.27	16.80
9/30/2017 5:46	0.31	16.86
9/30/2017 6:16	0.37	16.92
9/30/2017 6:46	0.40	16.98
9/30/2017 7:16	0.44	16.98
9/30/2017 7:46	0.39	16.92
9/30/2017 8:16	0.33	16.84
9/30/2017 8:46	0.33	16.82
9/30/2017 9:16	0.38	16.86

Date	DO (mg/L)	Temp (°C)
9/30/2017 9:46	0.40	16.88
9/30/2017 10:16	0.44	16.90
9/30/2017 10:46	0.47	16.94
9/30/2017 11:16	0.51	16.98
9/30/2017 11:46	0.53	17.04
9/30/2017 12:16	0.58	17.08
9/30/2017 12:46	0.61	17.20
9/30/2017 13:16	0.72	17.48
9/30/2017 13:46	0.74	17.66
9/30/2017 14:16	0.81	18.00
9/30/2017 14:46	0.93	18.18
9/30/2017 15:16	0.98	18.08
9/30/2017 15:46	0.94	17.58
9/30/2017 16:16	0.70	17.32
9/30/2017 16:46	0.61	17.18

Date	DO (mg/L)	Temp (°C)
9/30/2017 17:16	0.51	17.06
9/30/2017 17:46	0.44	16.94
9/30/2017 18:16	0.35	16.84
9/30/2017 18:46	0.29	16.74
9/30/2017 19:16	0.26	16.66
9/30/2017 19:46	0.21	16.60
9/30/2017 20:16	0.15	16.54
9/30/2017 20:46	0.13	16.50
9/30/2017 21:16	0.12	16.48
9/30/2017 21:46	0.11	16.50
9/30/2017 22:16	0.09	16.52
9/30/2017 22:46	0.09	16.54
9/30/2017 23:16	0.07	16.58
9/30/2017 23:46	0.05	16.62

APPENDIX E

- Zebra Mussel Monitoring Logs



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Mike Stemple

Year 2017

Month 4

Day 28

Hour 10:00

Water Temperature ° F 52

How many days was the sampler exposed to the water prior to collecting this data? 28

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Mike Stemple

Year 2017

Month 5

Day 26

Hour 10:00

Water Temperature ° F 52

How many days was the sampler exposed to the water prior to collecting this data? 56

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Sean Fredlock

Year 2017

Month 6

Day 20

Hour 14:00

Water Temperature ° F 66

How many days was the sampler exposed to the water prior to collecting this data? 34

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Sean Fredlock

Year 2017

Month 7

Day 21

Hour 8:35

Water Temperature ° F 74

How many days was the sampler exposed to the water prior to collecting this data? 31

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Sean Fredlock

Year 2017

Month 8

Day 22

Hour 10:00

Water Temperature ° F 75

How many days was the sampler exposed to the water prior to collecting this data? 35

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Sean Fredlock

Year 2017

Month 9

Day 12

Hour 9:30

Water Temperature ° F 69

How many days was the sampler exposed to the water prior to collecting this data? 25

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____



Deep Creek Lake, MD Zebra Mussel Monitoring Report

Brookfield Renewable Power
14 River View Terrace
Oakland, MD 21550
Phone: 301-387-6616
Fax: 301-387-5809



Collector's Name Mike Stemple

Year 2017

Month 10

Day 12

Hour 14:00

Water Temperature ° F 65

How many days was the sampler exposed to the water prior to collecting this data? 30

Are zebra mussels present at the site? NO (YES) **If yes comment below and notify the Superintendent and Maryland Department of Natural Resources immediately.**

Other organisms observed on the sampler? NO

Comments _____

