
SEWAGE FACILITIES PLANNING MODULE

for

**CARNEGIE MELLON UNIVERSITY – RICHARD
KING MELLON SCIENCE BUILDING
4608 and 4644 Forbes Avenue
City of Pittsburgh,
Allegheny County, Pennsylvania**

Prepared For:

**Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213**

Prepared By:

**Langan Engineering and Environmental Services, Inc.
2400 Ansys Drive, Suite 403
Canonsburg, Pennsylvania 15317**

LANGAN

**August 2023
250169701**

TABLE OF CONTENTS

APPENDIX	DESCRIPTION
A	Transmittal Letter and Correspondence
B	Resolution for Plan Revision for New Land Development
C	Component 3, Narrative Description of Project, Supporting Documentation
D	Alternative Sewage Facilities Analysis
E	Public Notice
F	USGS Map and Plot Plans
G	Cultural Resource Notice
H	PNDI Search Results
I	Component 4A
J	Component 4C
K	Completeness Checklist
L	Flow Monitoring Data

APPENDIX A

Transmittal Letter and Correspondence

CORRESPONDENCE



09/19/2022

Erminio Genoese, P.E.
Langan Engineering
2400 Ansys Dr, Canonsburg PA 15317-0403

RE: Water and Sewer Availability
4612 Forbes Ave, Pittsburgh PA 15213-3713

Dear Erminio Genoese, P.E.

In response to your inquiry concerning water and sewer availability for the area referenced above, please be advised that water and sewer service will be provided in accordance with the policies and procedures of the Pittsburgh Water and Sewer Authority as described below:

Water service available: Yes

Sewer service available: Yes

8" Forbes Avenue

15" Forbes Avenue

We wish to advise you that, if it is your desire to tap our water and sewer mains for service, your plans must be approved through a development permit application in accordance with the PWSA Developer's Manual.

Please note that the Authority in no way guarantees that the available lines have the capacity or pressure adequate for your project's needs. It is the responsibility of the project developer, design consultant, and/or architects to determine, at their expense, the adequacy of the existing water system to fulfill their needs.

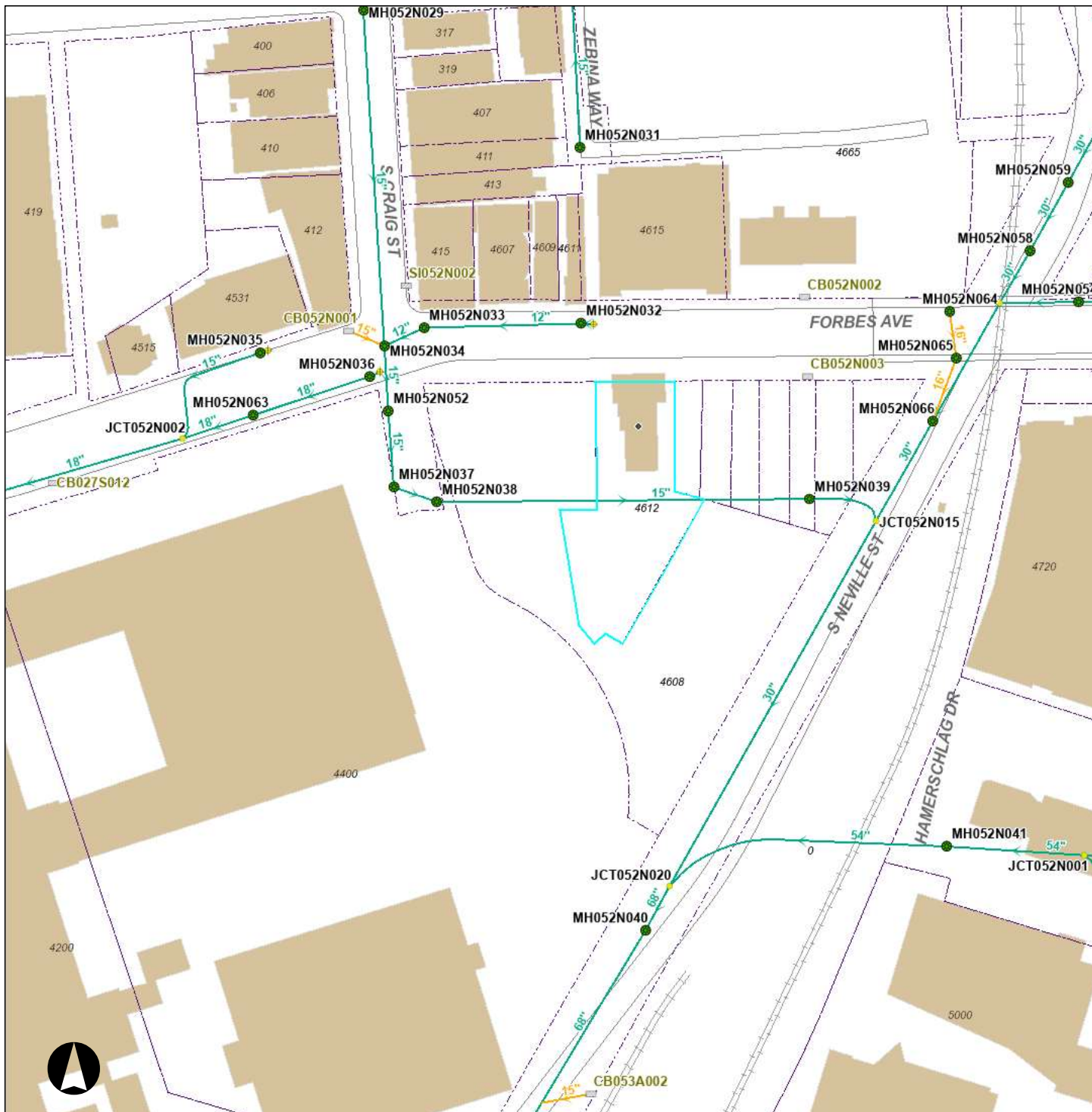
If you have any questions, please feel free to contact me at (412) 255-8800 x 8030. Thank you.

Sincerely,

A handwritten signature in black ink that reads 'Wendy M. Dean'.

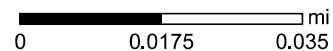
Wendy M. Dean
Engineering Tech II

4612 Forbes Avenue - Sewer



Legend

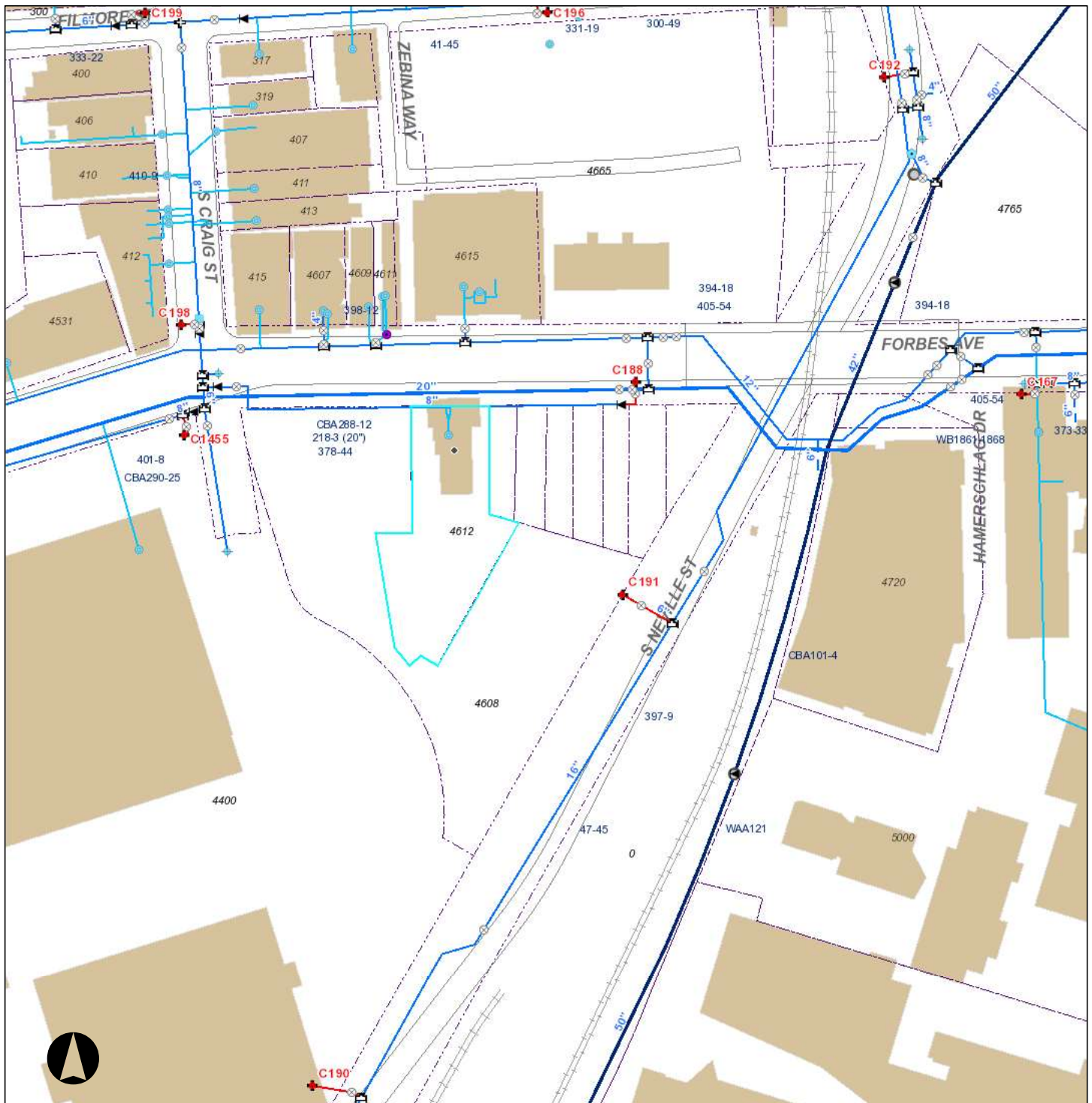
- | | | |
|-------------------------|-----------------------------|---|
| WATER | Pressure Monitoring Station | Private Inlet |
| Meter | Water Manhole | Outfall |
| Curb Box | Rising Main | End Cap |
| Water System Pump | Supply Main | Sewer Pump Station |
| Hydrant | Transmission Main | Combined Sewer |
| System Valve | Distribution Main | Sanitary Sewer |
| Dividing Pressure Valve | Hydrant Branch | Storm Sewer |
| Coupling | Private Main | Regulated Combined Sewer |
| Tee | Water Service Line | Overflow Sewer |
| Cross | SEWER | Interceptor |
| Reducer | Manhole | Sewer Force Main |
| End Cap | Junction | Private Sewer |
| Wash Out | Inlet | Undefined Sewer |
| | | Green Infrastructure Underground Facilities |



Neither the City of Pittsburgh nor the PWSA guarantees the accuracy of any of the information hereby made available, including but not limited to information concerning the location and condition of underground structures, and neither assumes any responsibility for any conclusions or interpretations made on the basis of such information. COP and PWSA assume no responsibility for any understanding or representations made by their agents or employees unless such understanding or representations are expressly set forth in a duly authorized written document, and such document expressly provides that responsibility therefore is assumed by the City or the PWSA.

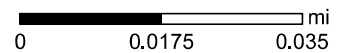
Date: 9/23/2022

4612 Forbes Avenue - Water



Legend

WATER		SEWER	
Meter	Water Manhole	Manhole	Junction
Curb Box	Rising Main	End Cap	Inlet
Water System Pump	Supply Main	Sewer Pump Station	
Hydrant	Transmission Main	Combined Sewer	
System Valve	Distribution Main	Sanitary Sewer	
Dividing Pressure Valve	Hydrant Branch	Storm Sewer	
Coupling	Private Main	Regulated Combined Sewer	
Tee	Water Service Line	Overflow Sewer	
Cross		Interceptor	
Reducer		Sewer Force Main	
End Cap		Private Sewer	
Wash Out		Undefined Sewer	
		Green Infrastructure Underground Facilities	



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Date: 9/23/2022

DAILY FIELD REPORT

Project No.	250169701	Client: CMU	Date:	11/23/2022
Project	Richard King Mellon		Weather:	Night time (40°F)
	Science Building		Time:	6:30 pm to 7:30 pm
Location	4612 Forbes Ave			

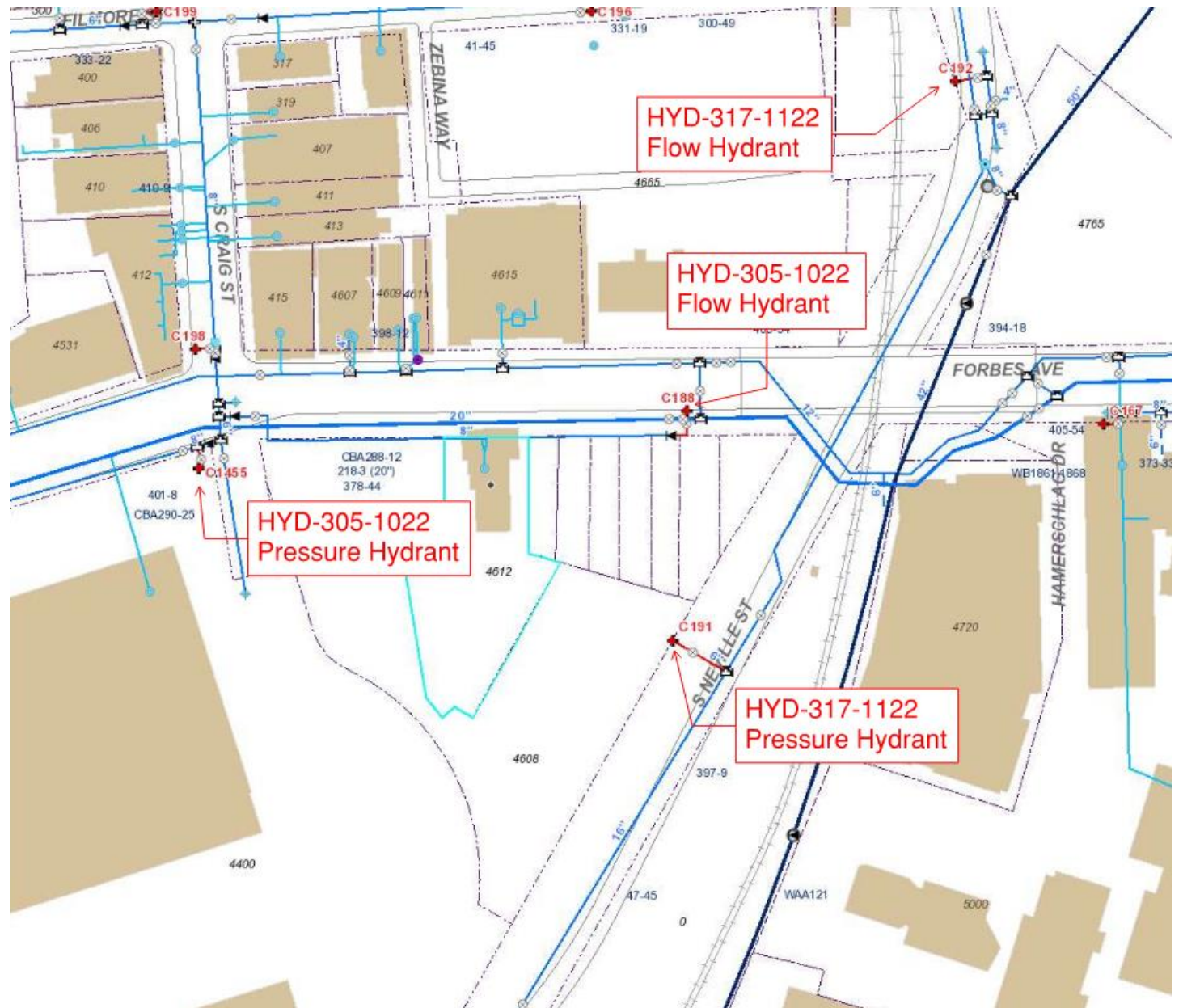
Contractor & Equipment: PWSA (Kurt and Ryan)	Present At Site: Erminio Genoese (Langan) Adalee Jacobs (Langan) Adele Sedlar (Langan)
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Observations, Discussions, Test Results, Etc.

- Two tests were performed. For the test on Forbes Ave (HYD-305-1022), the flow hydrant (C188) was unable to be completely opened to allow for full flow.
 - PWSA crew put in a repair order for hydrant C188. A re-test for HYD-305-1022 will need completed.
- Results:

	FLOW HYDRANT	PRESSURE HYDRANT
Test: Forbes Ave. 8-IN Main. HYD-305-1022		
Hydrant Number:	C188	C1455
Location:	Forbes Ave at TCS Hall	Forbes Ave and S Craig St
Static Pressure		63 psi
Residual Pressure		37 psi
Flow Observed	700 gpm at 17 psi	
Test: S. Neville St. 16-IN Main. HYD-317-1122		
Hydrant Number:	C192	C191
Location:	S Neville St and Filmore St	S Neville St at Junction Hollow
Static Pressure (psi)		95 psi
Residual Pressure		95 psi
Flow Observed	1455 gpm at 75 psi	

cc:	By: Langan Engineering and Environmental Services
	250169701





Pressure and flow reading for hydrant C188



Hydrant C188 (North facing)



Hydrant C188 (North facing)



Hydrant C192 (East Facing)



Pressure reading for hydrant C1455



Hydrant C192 (East facing)



Pressure reading for hydrant C191

APPENDIX B

Resolution for Plan Revision for New Land Development

Fiscal Impact Statement
Updated 1/29/2020 to satisfy City Code §219.07

Department	Law
Preparer	Cameron Crowe
Standing Committee Representative	Erminio Genoese, P.E. (Langan Engineering) 724-514-5143
Type of Legislation	Other

Description of Legislation

The property owner, Carnegie Mellon University, has proposed the development of a certain parcel of land identified as the CMU RKM Hall of Sciences, located at 4608 and 4644 Forbes Avenue, Pittsburgh, PA 15213, Allegheny County, at lot and block 52-N-59, in the Fourth Ward of the City of Pittsburgh, Pennsylvania and described in the attached Sewage Facilities Planning Module (the "Planning Module") and proposes that project be served by use of 3 sewage connections to the City of Pittsburgh sewage systems; and

The City of Pittsburgh must adopt, and applicant must submit, the Planning Module for land development to the Department of Environmental Protection for its approval as a Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan.

Total Cost	\$ 0			
Frequency of Expenditure	<input checked="" type="checkbox"/> One-Time		<input type="checkbox"/> Multi-Year	
Funding Source	<input type="checkbox"/> Operating	<input type="checkbox"/> Capital	<input type="checkbox"/> Grant	<input type="checkbox"/> Trust Fund
Is this item budgeted?	<input type="checkbox"/> Yes		<input type="checkbox"/> No	

JDE Account Information

N/A

Additional Operational Costs

N/A

Impact on City Revenue

N/A

If the resolution authorizes a professional services contract, complete this page:

<i>Method of Procurement</i> <i>Select one.</i>	<input type="checkbox"/> RFP	<input type="checkbox"/> Signed Waiver from OMB	<input type="checkbox"/> Amendment to Existing Contract <i>Do not fill out the rest of the form.</i>
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Name of Vendor and Award Justification

List the name of the awarded vendor and its qualifications.

Other Respondents

List the other respondents. If there were none, clearly state that.

Selection Criteria

Describe the selection or scoring criteria.

Selection Committee Representation

List the department(s) or bureau(s) represented on the committee. Do not list individual names.

Waiver Justification

If a waiver was granted, explain the justification.

EORC Synopsis

Insert synopsis that was presented.

<i>Date Presented at EORC:</i> Insert date.	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved
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*Per §219.07 of the City Code, you **must** include an electronic copy of the solicitation or your signed waiver with your submission to the Office of Management and Budget.*

Attachments

- *Please attach any additional documents and/or exhibits.*

City of Pittsburgh
Sewer Facilities Planning Module Questionnaire

PROJECT NAME: Carnegie Mellon University Richard King Mellon Science Building

1) What was the previous permitted use for this property?

Parking lot, higher education academic building

2) What is the proposed use for the property?

Higher education academic building

3) How is green stormwater mitigation being integrated into the proposed project?

The proposed project includes proposed green infrastructure including green roof assemblies, bioretention, and underground detention vaults. The stormwater management facilities implemented as part of this project will reduce the rate and volume of the proposed runoff and improve the quality of the proposed stormwater runoff.

4) Will the development result in a net positive or net negative change in stormwater flow?

After the implementation of the proposed stormwater management system, the development will result in a net negative change in stormwater flow.

Resolution adopting Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan for 4608 and 4644 Forbes Avenue, Pittsburgh, PA 15213, at no cost to the City.

WHEREAS, SECTION 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the "Pennsylvania Sewage Facilities Act," as amended, and the rules and regulations of the Pennsylvania Department of Environmental Protection (the "Department") adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, requires the City of Pittsburgh to adopt an Official Sewage Facilities Plan (the "Official Plan") providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new development conforms to a comprehensive program of pollution control and water quality management; and

WHEREAS, *Carnegie Mellon University* has proposed development of *CMU Richard King Mellon Hall of Sciences* located at 4608 and 4644 Forbes Avenue, Pittsburgh, PA 15213, Allegheny County, at block and lots 52-N-59, in the City of Pittsburgh and described in the attached Sewage Facilities Planning Module (the "Planning Module") for land development and proposes that the project be served by 3 sewer tap-ins to the City of Pittsburgh sewage systems; and

WHEREAS, the Pittsburgh Water Sewer Authority, the Allegheny County Sanitary Authority, the City of Pittsburgh Planning Department and the Allegheny County Health Department have reviewed the respective components of the attached Planning Module regarding each authority/department's expertise and have approved the respective components as explained in the attached Planning Module.

WHEREAS, based upon the approval of the above authorities and departments, the City of Pittsburgh finds that the project described in the attached Planning Module for land development conforms to applicable zoning, subdivision, other municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PITTSBURGH AS FOLLOWS:

SECTION 1. The City of Pittsburgh hereby adopts as a Plan Revision to the City of Pittsburgh's Official Sewage Facilities Plan the above-referenced Planning Module for land development, at no cost to the City, which is attached hereto as **Exhibit A**.

Said Planning Module includes the proposed *4600 Forbes Avenue, Pittsburgh, PA 15213*, Allegheny County, at block and lots *52-N-59*, in the 4th Ward of the City of Pittsburgh.

Finally, that any Ordinance or Resolution or part thereof conflicting with the provisions of this Resolution, is hereby repealed so far as the same affects this Resolution.

APPENDIX C

Component 3, Narrative Description of Project, Supporting Documentation



SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #

This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) a subdivision to be served by sewage collection, conveyance or treatment facilities, (2) a tap-in to an existing collection system with flows on a lot of 2 EDU's or more, or (3) the construction of, or modification to, wastewater collection, conveyance or treatment facilities that will require DEP to issue or modify a Clean Streams Law permit. Planning for any project that will require DEP to issue or modify a permit cannot be processed by a delegated agency. Delegated agencies must send their projects to DEP for final planning approval.

This component, along with any other documents specified in the cover letter, must be completed and submitted to the municipality with jurisdiction over the project site for review and approval. All required documentation must be attached for the Sewage Facilities Planning Module to be complete. Refer to the instructions for help in completing this component.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the developer for review of planning modules for land development. These fees may vary depending on the approving agency for the project (DEP or delegated local agency). Please see section R and the instructions for more information on these fees.

NOTE: All projects must complete Sections A through I, and Sections O through R. Complete Sections J, K, L, M and/or N if applicable or marked .

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name Carnegie Mellon University Richard King Mellon Science Building
- Brief Project Description Carnegie Mellon University (CMU) is proposing to develop approximately 1.9 acres within multiple parcels to be consolidated for an Interdisciplinary research and teaching facility with 4 levels of parking garage and 7 levels of institutional programming. The first floor will also include a lobby, restaurant amenities, and fine art gallery space. This proposed building will be approximately 340,000 GSF, and the surrounding site will include impervious pedestrian sidewalks, a service driveway, and landscaped areas. The project proposes two on-site gravity sewer laterals for the proposed building. One 10 inch and one 8 inch sanitary laterals and Two 15 inch storm sewer laterals will connect to the existing 30-inch PWSA brick combined sewer located in Boundary Street. One 8 inch sanitary lateral will tie into the proposed 15" PWSA combination sewer line to be relocated along Musueum Drive. This ultimate method (to serve the development in the long term, five years or more) will provide for disposal of the total combined daily flow of 31,000 gallons per day. The proposed laterals will remain private and will not create any undue financial burdens to the City of Pittsburgh, PWSA, or ALCOSAN. The proposed sewer flow will ultimately be collected by the existing 68-inch PWSA combination sewer in Boundary Street and will be conveyed to and treated by Allegheny County Sanitary Authority (ALCOSAN) Wastewater Treatment Facility via the Monongahela Interceptor..

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name	County	City	Boro	Twp
City of Pittsburgh	Allegheny	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Prendergast	Kyla			
Additional Individual Last Name	First Name	MI	Suffix	Title

Municipality Mailing Address Line 1 City of Pittsburgh Environmental Planning		Mailing Address Line 2 414 Grant St. Suite 313	
Address Last Line -- City Pittsburgh		State PA	ZIP+4 15219
Area Code + Phone + Ext. 412-255-2014	FAX (optional)	Email (optional)	

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name
Carnegie Mellon University Richard King Mellon Science Building

Site Location Line 1 4608 & 4633 Forbes Avenue		Site Location Line 2		
Site Location Last Line -- City Pittsburgh	State PA	ZIP+4 15213	Latitude 40.439831	Longitude -79.961172

Detailed Written Directions to Site Head S on Waterfront Dr toward Three Rivers Heritage Trail. Continue straight onto 30th St Bridge. Turn right onto River Ave. Turn left onto 31st St Bridge. Turn left onto PA-28 S. Take exit 1A for I-579 S/I-376 E. Continue onto I-579 S. Take the exit toward I-376 E/Oakland/Monroeville, then take the Forbes Avenue exit. ~~Continue on Forbes Avenue, the site is directly after the intersection of S Craig St and Forbes Ave~~
Description of Site The site is currently composed of impervious area, paved parking lots, driveways, park

Site Contact (Developer/Owner)

Last Name Fielding	First Name Jamison	MI	Suffix	Phone 312-994-0870	Ext.
Site Contact Title		Site Contact Firm (if none, leave blank)			
Principal Project Manager		CMU			
FAX		Email jfielding@andrew.cmu.edu			
Mailing Address Line 1 417 S Craig Street		Mailing Address Line 2			
Mailing Address Last Line -- City Pittsburgh		State PA	ZIP+4 15213		

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name Ceriani		First Name Paul		MI	Suffix
Title Associate		Consulting Firm Name Langan Engineering & Environmental Services, Inc.			
Mailing Address Line 1 2400 Ansys Drive		Mailing Address Line 2 Suite 403			
Address Last Line -- City Canonsburg		State PA	ZIP+4 15317	Country Washington	
Email pceriani@langan.com	Area Code + Phone 724-514-5167	Ext.		Area Code + FAX 724-514-5101	

E. AVAILABILITY OF DRINKING WATER SUPPLY

The project will be provided with drinking water from the following source: (Check appropriate box)

- Individual wells or cisterns.
- A proposed public water supply.
- An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: PWSA

F. PROJECT NARRATIVE (See Section F of instructions)

- A narrative has been prepared as described in Section F of the instructions and is attached.

The applicant may choose to include additional information beyond that required by Section F of the instructions.

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

- New collection system Pump Station Force Main
 Grinder pump(s) Extension to existing collection system Expansion of existing facility

Clean Streams Law Permit Number _____

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 77

Connections 3

Name of:

existing collection or conveyance system Boundary Street 68" Brick Comb Sewer

owner Pittsburgh Water and Sewer Authority (PWSA)

existing interceptor Monongahela Interceptor

owner Allegheny County Sanitary Authority (ALCOSAN)

2. WASTEWATER TREATMENT FACILITY

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- New facility Existing facility Upgrade of existing facility Expansion of existing facility

Name of existing facility Allegheny County Sanitary Authority (ALCOSAN) Wastewater Treatment Facility

NPDES Permit Number for existing facility PA 0025984

Clean Streams Law Permit Number PA 0025984

Location of discharge point for a new facility. Latitude 40.476720 Longitude -80.042911

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the ALCOSAN
(Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Steven Bristol, EIT

Agent Signature Steven Bristol Date 8/30/2023

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision.

- a. Existing and proposed buildings.
- b. Lot lines and lot sizes.
- c. Adjacent lots.
- d. Remainder of tract.
- e. Existing and proposed sewerage facilities. Plot location of discharge point, land application field, spray field, COLDS, or LVCOLDS if a new facility is proposed.
- f. Show tap-in or extension to the point of connection to existing collection system (if applicable).
- g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.)
- h. Existing and proposed rights-of-way.
- i. Existing and proposed buildings, streets, roadways, access roads, etc.
- j. Any designated recreational or open space area.
- k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- o. Orientation to north.
- p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable).
- q. Soils types and boundaries when a land based system is proposed.
- r. Topographic lines with elevations when a land based system is proposed

4. WETLAND PROTECTION

YES NO

- a. Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP.
If no, prime agricultural land protection is not a factor to this project.
- Have prime agricultural land protection issues been settled?

6. HISTORIC PRESERVATION ACT

YES NO

- Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.
The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-BPNPSM0353-1) for additional information on Chesapeake Bay watershed requirements.

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 30597 gpd
2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- b. Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- c. Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd) (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	3500385	12251346	533593	1867576	601892	2106623
Conveyance		44,900,000	5,380,000	6,830,000	5,496,000	6,960,000
Treatment	250,000,000	250,000,000	194,200,000	250,000,000	248,000,000	295,000,000

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a. YES NO This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality PWSA

Name of Responsible Agent Robert Herring

Agent Signature Robert Herring Date 8/17/2023

Robert Herring
2023.08.17
11:46:20 -04'00'

J. CHAPTER 94 CONSISTENCY DETERMINATION (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Steven Bristol, EIT

Agent Signature Steven Bristol

Date 8/30/2023

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO

- a. This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

- b. Name of Agency, Authority, Municipality ALCOSAN

Name of Responsible Agent Steven Bristol, EIT

Agent Signature Steven Bristol

Date 8/30/2023

K. TREATMENT AND DISPOSAL OPTIONS (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may **NOT** receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

- 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
- 2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
- 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
- 4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

L. PERMEABILITY TESTING (See Section L of instructions)

- The information required in Section L of the instructions is attached.

M. PRELIMINARY HYDROGEOLOGIC STUDY (See Section M of instructions)

- The information required in Section M of the instructions is attached.

N. DETAILED HYDROGEOLOGIC STUDY (See Section N of instructions)

The detailed hydrogeologic information required in Section N. of the instructions is attached.

O. SEWAGE MANAGEMENT (See Section O of instructions)

(1-3 for completion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)

Yes No

1. Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows _____ gpd

Yes No

3. Is the use of nutrient credits or offsets a part of this project?

If yes, attach a letter of intent to purchase the necessary credits and describe the assurance that these credits and offsets will be available for the remaining design life of the non-municipal sewage facility;

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

The questions below are to be answered by the organization/individual responsible for the non-municipal collection and conveyance facilities. The individual(s) signing below must be legally authorized to make representation for the organization.

Yes No

- a. If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status.

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

The questions below are to be answered by a representative of the facility permittee. The individual signing below must be legally authorized to make representation for the organization.

Yes No

- a. If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with §71.53(d)(3) and that this proposal will not impact that status.

- b. Name of Facility _____
Name of Responsible Agent _____
Agent Signature _____
Date _____

(For completion by the municipality)

6. The **SELECTED OPTION** necessary to assure long-term proper operation and maintenance of the proposed non-municipal facilities is clearly identified with documentation attached in the planning module package.

P. PUBLIC NOTIFICATION REQUIREMENT (See Section P of instructions)

This section must be completed to determine if the applicant will be required to publish facts about the project in a newspaper of general circulation to provide a chance for the general public to comment on proposed new land development projects. This notice may be provided by the applicant or the applicant's agent, the municipality or the local agency by publication in a newspaper of general circulation within the municipality affected. Where an applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent shall notify the municipality or local agency and the municipality and local agency will be relieved of the obligation to publish. The required content of the publication notice is found in Section P of the instructions.

To complete this section, each of the following questions must be answered with a "yes" or "no". Newspaper publication is required if any of the following are answered "yes".

Yes No

1. Does the project propose the construction of a sewage treatment facility ?
2. Will the project change the flow at an existing sewage treatment facility by more than 50,000 gallons per day?
3. Will the project result in a public expenditure for the sewage facilities portion of the project in excess of \$100,000?
4. Will the project lead to a major modification of the existing municipal administrative organizations within the municipal government?
5. Will the project require the establishment of *new* municipal administrative organizations within the municipal government?
6. Will the project result in a subdivision of 50 lots or more? (onlot sewage disposal only)
7. Does the project involve a major change in established growth projections?
8. Does the project involve a different land use pattern than that established in the municipality's Official Sewage Plan?

P. PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)

- 9. Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
 - 10. Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
 - 11. Will sewage facilities discharge into high quality or exceptional value waters?
- Attached is a copy of:
- the public notice,
 - all comments received as a result of the notice,
 - the municipal response to these comments.
- No comments were received. A copy of the public notice is attached.

Q. FALSE SWEARING STATEMENT (See Section Q of instructions)

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

Erminio Genoese, P.E.

Name (Print)



Signature

Project Engineer

Title

June 26th, 2023

Date

2400 Ansys Drive, Suite 403

Canonsburg, PA 15317

Address

724-514-5143

Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor **OR** the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

- I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$ 3,850.00 payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- I request to be exempt from the DEP planning module review fee because this planning module creates **only** one new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____
Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

1. For a new collection system (with or without a Clean Streams Law Permit), a collection system extension, or individual tap-ins to an existing collection system use this formula.

$$\#77 \text{ Lots (or EDUs) X } \$50.00 = \$ 3,850.00$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.

2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

- A. A new surface discharge greater than 2000 gpd will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

- B. An increase in an existing surface discharge will use:

$$\# \text{ Lots (or EDUs) X } \$35.00 = \$$$

to a maximum of \$ 1,500 per submittal (non-municipal) or \$ 500 per submittal (municipal)

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures

- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

NARRATIVE DESCRIPTION OF PROJECT

SECTION F SEWAGE FACILITIES PLANNING MODULE COMPONENT 3

**Re: Project Narrative
Carnegie Mellon University Richard King Mellon Science Building
City of Pittsburgh, Allegheny County, Pennsylvania
Langan Project No.: 250169701**

The proposed site is on parcel 2 of the revised RKM consolidation plan, which is located at the south west corner of Forbes Avenue and Boundary Street in the North Oakland neighborhood, in the EMI, Educational/Medical Institution District within the City of Pittsburgh, Allegheny County, Pennsylvania. Carnegie Mellon University (CMU) is proposing to construct the new CMU Richard King Mellon Hall of Sciences. The proposed site is on parcel 2 of the revised RKM consolidation plan. the proposed development will disturb approximately 2.98 acres, including utility connections to existing infrastructure adjacent Forbes Avenue and Boundary Street right-of-ways. The proposed building has 11 stories and a maximum area of 326,500 GSF and will include parking, classrooms, laboratories, offices, and retail spaces.

The project proposes two sanitary connections to the 30-inch PWSA main located along Boundary Street to the south of the site and one sanitary connection to the 15 Combination Sewer to be relocated on Museum Drive to the west of the site. Sewage will then be conveyed and treated by Allegheny County Sanitary Authority (ALCOSAN) Wastewater Treatment Facility.

The existing site has an estimated combined sanitary sewage flow of 403 gallons per day. Following the proposed development, the building will have an estimated combined sanitary sewage flow of 31,000 gallons per day. The proposed increase in combined sanitary sewage flow as a result of the proposed improvements is 30,597 gallons per day (77 EDU's). A reference for the approximate sewage flow for the proposed development can be found within Appendix C. The proposed lateral will remain private and will not create any undue financial burdens to the City of Pittsburgh, PWSA, or ALCOSAN.

Water service will ultimately be provided by Pittsburgh Water and Sewer Authority (PWSA). An 8-inch fire water service to the proposed building is proposed via the existing 16-inch PWSA water main located along Boundary Street. A 6-inch domestic water service will be provided by a tee off of the 8-inch fire water service in accordance to PWSA details via Boundary Street. A redundant 8-inch fire and domestic water service to the proposed building is proposed via the existing 8-inch PWSA water main located along Forbes Avenue.

The existing site has an estimated water demand of 403 gallons per day. Following the proposed development, the building will have an estimated water demand of 31,000 gallons per day. The proposed increase in water demand as a result of the proposed improvements is 30,597 gallons per day. The existing municipal system is expected to adequately meet proposed demands. A copy of the water availability letter from PWSA can be found in Appendix C.

Section J of Component 3 was completed using the flow monitoring data provided by Drnach Environmental and the calculation methodology and procedures outlined by the PWSA's Developer's Manual, revised April 24th, 2020. As identified in PWSA's Water and Sewer Use Application Approval, the most limited capacity sewer was deemed to be the 15-inch VCP combination sewer in the park on Village Avenue just upstream of PWSA MH #052N039. Drnach Environmental monitored the flow in MH #052N038 between 05/13/2023 and 06/11/2023 (see additional data and charts in Appendix C). The Present Average Flow and Present Peak Flow were derived from these monitoring results. Pipe capacity information provided by PWSA was used in conjunction with Manning's Equation to estimate the Peak Design Capacity, and a Peak Factor of 3.5 was used to estimate the Present Average Dry Flow and Average Design Capacity. The Projected Peak Flow was calculated by multiplying the sum of the Present Peak Flow and the Anticipated Flow Contribution for the project by a factor of 1.05 to estimate the projected flow in 5 years. The Projected Average Flow was calculated by once again dividing the Projected Peak Flow by the Peak Factor of 3.5. The capacity of the relocated combination sewer system in Museum Drive was also considered for the design, as the minimum slope for the pipe run is less than the slope of the most limiting sewer identified by PWSA. The calculations for the proposed capacity can be found in Appendix C with the calculation for the dry flow sewer data. Based on these calculations, it has been determined that the anticipated flow contribution for the proposed project will not create undue stress on the existing PWSA system's capacity.

**ANTICIPATED SEWAGE
FLOW REFERENCE**



Technical Excellence
Practical Experience
Client Responsiveness

DATE: 1/24/2023
PROJECT: RKM Science Building
JOB NO.: 250169701
CALCULATED BY: JAD
CHECKED BY: EEG

Existing Account	5 Year ¹ Maximum Monthly Water Usage (Gallons/Month) ²	Calculated Average Daily Usage (GPD) ³	Peak Factor ⁴	Calculated Peak Daily Flow (GPD)
4612 Forbes Ave. - 2056186	5,000	161	2.5	403
TOTAL (GPD)				403

ESTIMATED EXISTING PEAK DAILY FLOW (GPD)	403
--	-----

Notes

1. The maximum monthly usage data was taken for the 5 year period of 2017-2022 in accordance with the PWSA Developer's Manual.
2. Consumption values taken from account usage data provided by PWSA and assumed to be in increments of 1,000 gallons per PWSA's sample bill online.
3. Number of days was based on peak month as follows:
4612 Forbes Ave. (2056186): July 2017 - 31 days
4. Peak Factor provided by the PWSA Developer's Manual



Technical Excellence
 Practical Experience
 Client Responsiveness

DATE: 6/21/2023
 PROJECT: RKM Science Building
 JOB NO.: 250169701
 CALCULATED BY: KAG
 CHECKED BY: EEG

CMU - RKM					
Use	SF	Occupancy/SF	Occupancy	Flow Rate (GPD/Occupant)	Flow
LD					
Office			1	10	10
LA					
MEP**					6720
L1					
Office			5	10	50
Gallery	2726	30	91	5	454
Restaurant	3174	200	48	10	476
Educational	4049	20	202	15	3037
Lab*	12174	250	49	30	1461
					5478
L2					
Office			68	10	680
Gallery	7953	30	264	5	1321
Educational	4607	20	230	15	3455
Lab*	7423	250	30	30	891
					6347
L3					
Office			68	10	680
Lab*	4488	250	18	30	539
					1219
L4					
Office			68	10	680
Lab*	4488	250	18	30	539
					1219
L5					
Office			51	10	510
Educational	4879	20	244	15	3659
					4169
L6					
Office			50	10	500
Educational	1987	20	99	15	1490
					1990
L7					
Office			50	10	500
Educational	1987	20	99	15	1490
					1990
Penthouse					
MEP***					1560
Total					30702
					31,000

GPD

- Lab Space Calculations
 - Figuring a laboratory sink for every 250SF.
 - Figuring 30GPD per sink covering pure water and laboratory waste.
 - 30 GPD being an industry standard for laboratory sinks.
- Office space calculated as 1 person per office
- Gallery space is for art installations as part College of Fine Arts
- Educational is reflective of School, day (without cafeterias, gyms or showers per student and employee) per PWSA developer manual
- Water/ Sewer use calculations shown are as provided to Langan by Affiliated Engineers, Inc. (MEP Consultant for the project)
- Water/Sewer use number were calculated per PWSA Developer's Manual

**Carnegie Mellon University - Richard King Mellon Science Building
Park on Village Road 15-IN PWSA Combination Sewer
Most Limited Capacity Sewer
Dry Flow Comparison Calculations**

Given Information	
Pipe Location:	Park on Village Road
Pipe Type:	VCP
Pipe Diameter (IN):	15
Slope:	11.47%
Manning's n Value:	0.015
Peak Factor:	3.5

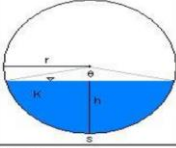
Solve for Existing Peak Flow⁽¹⁾	
Present Peak Flow (GPD):	1,867,576
Present Avg. Flow (GPD):	533,593

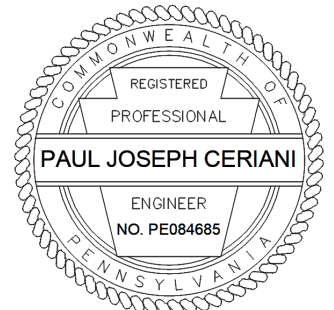
Solve for Design (Full) Flow	
Radius of Pipe, r (IN):	7.5
Flow Area, K (IN ²):	176.71
Wetted Perimeter (IN):	47.12
Hydraulic Radius (IN):	3.750
Hydraulic Radius (FT):	0.313
Velocity (FT/S):	15.45
Design Peak Flow (CFS):	18.96
Design Peak Flow (GPD):	12,251,346
Design Avg. Flow (GPD):	3,500,385

Summary	
Anticipated Flow Contribution (GPD) ⁽²⁾ :	138,732
Present Average Flow (GPD):	533,593
Present Peak Flow (GPD):	1,867,576
Design/Permitted Average Capacity (GPD):	3,500,385
Design/Permitted Peak Capacity (GPD):	12,251,346
Average Projected Flow (GPD)	601,892
Peak Projected Flow (GPD)	2,106,623

$$V = \frac{k}{n} R^{2/3} S^{1/2} \quad k = 1.4859 \text{ft}^{1/3}/s \quad Q = VA$$

- Existing Flow Data monitored at most limited capacity sewer; data provided by Dmarch Environmental, Inc. on 06/12/2023.
- Flow estimation provided by AEI and Langan, based on PA Code Title 25, Chapter 73, Paragraph 73.17 and PWSA Developer's Manual.

step	solve for	if flow depth < radius
		
1	circular segment height	$h = d$
2	central angle	$\theta = 2 \arccos\left(\frac{r-h}{r}\right)$
3	circular segment area	$K = \frac{r^2(\theta - \sin \theta)}{2}$
4	arc length	$s = r \times \theta$
5	flow area	$A = K$
6	wetted perimeter	$P_w = s$
7	hydraulic radius	$R_h = \frac{A}{P_w}$



Paul J. Ceriani

**Carnegie Mellon University - Richard King Mellon Science Building
Relocated Line on Museum Drive 15-IN PWSA Combination Sewer
Most Limited Capacity Sewer
Dry Flow Comparison Calculations**

Given Information	
Pipe Location:	Museum Road
Pipe Type:	RCP
Pipe Diameter (IN):	15
Slope:	4.11%
Manning's n Value:	0.013
Peak Factor:	3.5

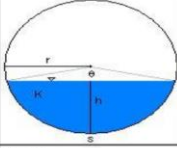
Solve for Existing Peak Flow⁽¹⁾	
Present Peak Flow (GPD):	1,867,576
Present Avg. Flow (GPD):	533,593

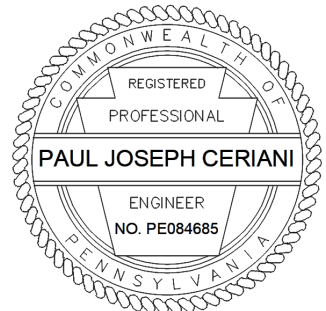
Solve for Design (Full) Flow	
Radius of Pipe, r (IN):	7.5
Flow Area, K (IN ²):	176.71
Wetted Perimeter (IN):	47.12
Hydraulic Radius (IN):	3.750
Hydraulic Radius (FT):	0.313
Velocity (FT/S):	10.67
Design Peak Flow (CFS):	13.10
Design Peak Flow (GPD):	8,461,959
Design Avg. Flow (GPD):	2,417,703

Summary	
Anticipated Flow Contribution (GPD) ⁽²⁾ :	138,732
Present Average Flow (GPD):	533,593
Present Peak Flow (GPD):	1,867,576
Design/Permitted Average Capacity (GPD):	2,417,703
Design/Permitted Peak Capacity (GPD):	8,461,959
Average Projected Flow (GPD)	601,892
Peak Projected Flow (GPD)	2,106,623

$$V = \frac{k}{n} R^{2/3} S^{1/2} \quad k = 1.4859 \text{ ft}^{1/3} / \text{s} \quad Q = VA$$

- Existing Flow Data monitored at most limited capacity sewer; data provided by Dmarch Environmental, Inc. on 06/12/2023.
- Flow estimation provided by AEI and Langan, based on PA Code Title 25, Chapter 73, Paragraph 73.17 and PWSA Developer's Manual.

step	solve for	if flow depth < radius
		
1	circular segment height	$h = d$
2	central angle	$\theta = 2 \arccos \left(\frac{r-h}{r} \right)$
3	circular segment area	$K = \frac{r^2 (\theta - \sin \theta)}{2}$
4	arc length	$s = r \times \theta$
5	flow area	$A = K$
6	wetted perimeter	$P_w = s$
7	hydraulic radius	$R_h = \frac{A}{P_w}$



Paul J Ceriani

**PROPOSED SANITARY LATERAL PIPE CALCULATIONS
CARNEGIE MELLON UNIVERSITY RICHARD KING MELLON SCIENCE BUILDING**

Q_{max}	Based on Total Units Discharging
Q_{design}	$3.5 * Q_{max}$
Q_{full}	$1.49/n * A_{pipe} * R^{2/3} * S^{1/2}$
Q_{half}	FLOW AT HALF FULL = $0.48 * Q_{full}$
V_{max}	VELOCITY AT 80% FULL = $1.15 * Q_{full} / A_{pipe}$
V_{half} , (fps)	VELOCITY OF FLOW AT HALF FULL = $Q_{half} / (A_{pipe} * 0.5)$
PIPE SIZED ACCORDINGLY	CHECKS IF Q_{design} IS LESS THAN Q_{half}

FROM BUILDING TO EXISTING SYSTEM IN BOUNDARY STREET

MINIMUM SLOPE WITHIN THIS ENTIRE RUN = 2.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	44	0.27	174,331	0.13	83,679	3.56	3.09
DIAMETER, in	4						
SLOPE	2.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	4,340	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	15,190						

FROM BUILDING TO EXISTING SYSTEM IN BOUNDARY STREET

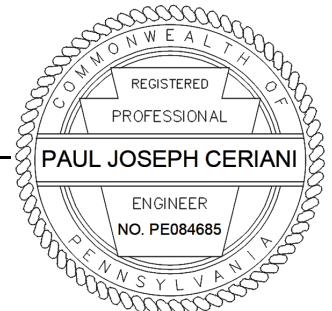
MINIMUM SLOPE WITHIN THIS ENTIRE RUN = 2.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	44	0.80	513,987	0.38	246,714	4.66	4.05
DIAMETER, in	6						
SLOPE	2.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	25,110	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	87,885						

FROM BUILDING TO RELOCATED SYSTEM IN MUSEUM DRIVE

MINIMUM SLOPE WITHIN THIS ENTIRE RUN = 2.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	16	0.27	174,331	0.13	83,679	3.56	3.09
DIAMETER, in	4						
SLOPE	2.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	1,550	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	5,425						



Paul J. Ceriani

**PROPOSED SANITARY LATERAL PIPE CALCULATIONS
CARNEGIE MELLON UNIVERSITY RICHARD KING MELLON SCIENCE BUILDING**

Q_{max}	Based on Total Units Discharging
Q_{design}	$3.5 * Q_{max}$
Q_{full}	$1.49/n * A_{pipe} * R^{2/3} * S^{1/2}$
Q_{half}	FLOW AT HALF FULL = $0.48 * Q_{full}$
V_{max}	VELOCITY AT 80% FULL = $1.15 * Q_{full} / A_{pipe}$
V_{half} , (fps)	VELOCITY OF FLOW AT HALF FULL = $Q_{half} / (A_{pipe} * 0.5)$
PIPE SIZED ACCORDINGLY	CHECKS IF Q_{design} IS LESS THAN Q_{half}

FROM BUILDING TO EXISTING SYSTEM IN BOUNDARY STREET

MAXIMUM SLOPE WITHIN THIS ENTIRE RUN = 6.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	44	0.47	301,951	0.22	144,936	6.16	5.36
DIAMETER, in	4						
SLOPE	6.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	4,340	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	15,190						

FROM BUILDING TO EXISTING SYSTEM IN BOUNDARY STREET

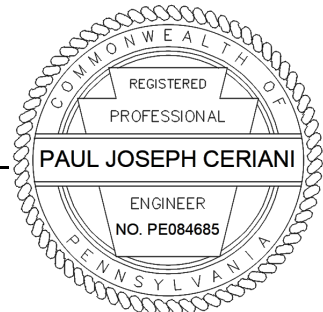
MAXIMUM SLOPE WITHIN THIS ENTIRE RUN = 4.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	44	1.12	726,888	0.54	348,906	6.59	5.73
DIAMETER, in	6						
SLOPE	4.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	25,110	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	87,885						

FROM BUILDING TO RELOCATED SYSTEM IN MUSEUM DRIVE

MAXIMUM SLOPE WITHIN THIS ENTIRE RUN = 6.0%

MATERIAL	PVC	Q_{full} , cfs	Q_{full} , gpd	Q_{half} , cfs	Q_{half} , gpd	V_{max} , fps	V_{half} , fps
LENGTH, ft	16	0.47	301,951	0.22	144,936	6.16	5.36
DIAMETER, in	4						
SLOPE	6.00%	PIPE SIZED ACCORDINGLY: TRUE					
n	0.013	$V_{max} < 10$ fps: TRUE					
Q_{max} , gpd	1,550	$V_{half} > 2$ fps: TRUE					
Q_{design} , gpd	5,425						



Paul J Ceriani

**UTILITY DOCUMENTATION
FROM CMU**

143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	327554	202102	TEMP_Water	2/6/2021	3/10/2021	32	1.0	Kgal	\$175.30	1.0	Kgal	\$288.28
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	330384	202103	TEMP_Water	3/10/2021	4/11/2021	32	1.0	Kgal	\$203.19	1.0	Kgal	\$316.17
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	333254	202104	TEMP_Water	4/11/2021	5/10/2021	29	1.0	Kgal	\$177.81	1.0	Kgal	\$290.79
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	335595	202105	TEMP_Water	5/10/2021	6/9/2021	30	0.0	Kgal	\$177.81	0.0	Kgal	\$281.69
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	341048	202106	TEMP_Water	6/9/2021	7/10/2021	31	1.0	Kgal	\$177.73	1.0	Kgal	\$290.71
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	343131	202107	TEMP_Water	7/10/2021	8/9/2021	30	1.0	Kgal	\$175.30	1.0	Kgal	\$288.28
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	347296	202108	TEMP_Water	8/9/2021	9/10/2021	32	5.0	Kgal	\$175.30	5.0	Kgal	\$324.68
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	352706	202109	TEMP_Water	9/10/2021	10/11/2021	31	5.0	Kgal	\$175.30	5.0	Kgal	\$324.68
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	356088	202110	TEMP_Water	10/11/2021	11/8/2021	28	4.0	Kgal	\$203.49	4.0	Kgal	\$343.77
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	358649	202111	TEMP_Water	11/8/2021	12/8/2021	30	4.0	Kgal	\$178.04	4.0	Kgal	\$318.32
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	362782	202112	TEMP_Water	12/8/2021	1/10/2022	33	1.0	Kgal	\$178.04	1.0	Kgal	\$291.34
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	366085	202201	TEMP_Water	1/10/2022	2/9/2022	30	2.0	Kgal	\$184.41	2.0	Kgal	\$342.52
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	370393	202202	TEMP_Water	2/9/2022	3/9/2022	28	3.0	Kgal	\$184.73	3.0	Kgal	\$352.11
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	374310	202203	TEMP_Water	3/9/2022	4/11/2022	33	3.0	Kgal	\$188.18	3.0	Kgal	\$355.56
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	378213	202204	TEMP_Water	4/11/2022	5/10/2022	29	3.0	Kgal	\$255.64	3.0	Kgal	\$352.11
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	381399	202205	TEMP_Water	5/10/2022	6/8/2022	29	1.0	Kgal	\$188.18	1.0	Kgal	\$336.10
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	386880	202206	TEMP_Water	6/8/2022	7/10/2022	32			\$14.43			\$14.43
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	384754	202206	TEMP_Water	6/8/2022	7/10/2022	32	1.0	Kgal	\$191.47	1.0	Kgal	\$339.39
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	395517	202207	TEMP_Water	7/10/2022	8/12/2022	33	2.0	Kgal	\$255.64	2.0	Kgal	\$342.38
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	396928	202208	TEMP_Water	8/13/2022	9/13/2022	31			\$12.47			\$12.47
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	393529	202208	TEMP_Water	8/13/2022	9/13/2022	31	4.0	Kgal	\$184.73	4.0	Kgal	\$361.84
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	402219	202209	TEMP_Water	9/13/2022	10/12/2022	29			\$14.11			\$14.11
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	398490	202209	TEMP_Water	9/13/2022	10/12/2022	29	4.0	Kgal	\$195.01	4.0	Kgal	\$372.12
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	408200	202210	TEMP_Water	10/12/2022	11/12/2022	31			\$13.05			\$13.05
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	405100	202210	TEMP_Water	10/12/2022	11/12/2022	31	4.0	Kgal	\$192.39	4.0	Kgal	\$369.50
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	413029	202211	TEMP_Water	11/12/2022	12/11/2022	29			\$17.13			\$17.13
143	4612	B4797296	4612	WATER	Water	2056186	4612FORBE	PWSA	PWSA	530810	530810-	410190	202211	TEMP_Water	11/12/2022	12/11/2022	29	4.0	Kgal	\$262.36	4.0	Kgal	\$368.56

APPENDIX D

Alternative Sewage Facilities Analysis

SECTION D SEWAGE FACILITIES PLANNING MODULE COMPONENT 3

**Re: Alternative Sewage Facilities Analysis
Carnegie Mellon University Richard King Mellon Science Building
City of Pittsburgh, Allegheny County, Pennsylvania
Langan Project No.: 250169701**

The proposed site is on parcel 2 of the revised RKM consolidation plan, which is located at the south west corner of Forbes Avenue and Boundary Street in the North Oakland neighborhood, in the EMI, Educational/Medical Institution District within the City of Pittsburgh, Allegheny County, Pennsylvania. Carnegie Mellon University (CMU) is proposing to construct the new CMU Richard King Mellon Hall of Sciences. The proposed site is on parcel 2 of the revised RKM consolidation plan. the proposed development will disturb approximately 2.98 acres, including utility connections to existing infrastructure adjacent Forbes Avenue and Boundary Street right-of-ways. The proposed building has to 11 stories and a maximum area of 326,500 GSF and will include parking, classrooms, laboratories, offices, and retail spaces.

An existing 30-inch sanitary sewer runs southwest along Boundary street in the southern portion of the site LOD. The proposed sanitary facilities for the Richard King Mellon Science Building will include a new 10-inch dedicated sanitary sewer lateral which will outfall into the existing 30-inch public sewer system to the southwest. The proposed 6-inch lateral will connect to the existing sewer via a proposed doghouse manhole. A reference for the approximate sewage flow for the proposed development can be found in Appendix C.

Alternative methods of sewage disposal that could be considered include on-site subsurface disposal systems (septic systems) and an individual package wastewater treatment plant. The existing building and the existing neighboring developments in the area are all currently connected to the public sewer system, and the site is built into the hillside with over 50-feet of drop in elevation from the top to the bottom of the site; therefore, an on-site septic system would not be consistent with the neighboring buildings, nor would it be a practical solution to provide adequate service for the site. The nearest discharge point from the site for a stream discharge is UNT to the Monongahela, approximately half a mile south of the site. A package wastewater treatment plant with discharge to the Slate Creek is not feasible due to the size and cost of the site.

APPENDIX E

Public Notice

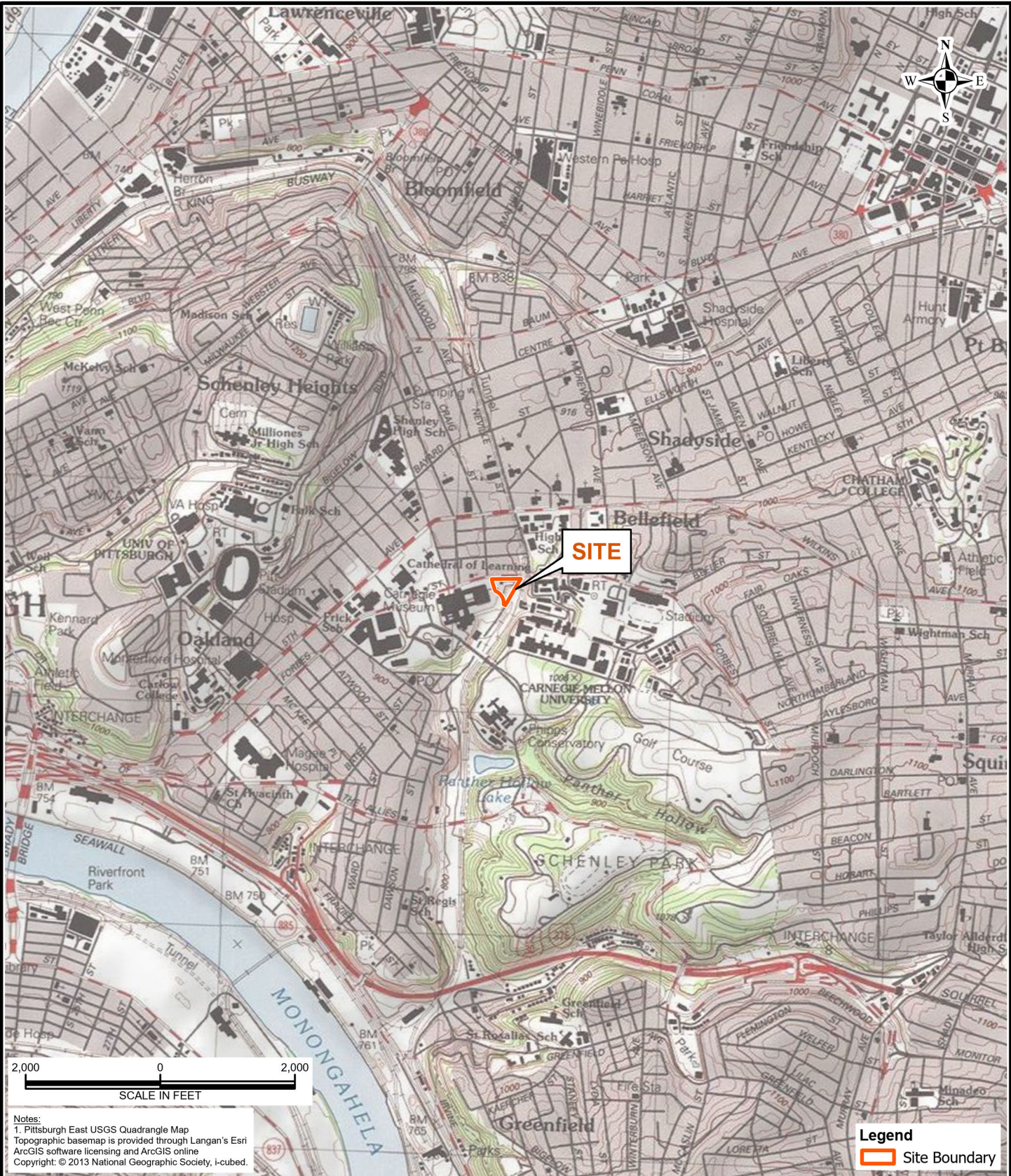
**SECTION P
SEWAGE FACILITIES PLANNING
MODULE COMPONENT 3**

**Re: Public Notice
Carnegie Mellon University Richard King Mellon Science Building
City of Pittsburgh, Allegheny County, Pennsylvania
Langan Project No.: 250169701**

A public notification is not required for this project since no items in Section P of Component 3 (Appendix C) were applicable to this project.

APPENDIX F

USGS Map and Plot Plans



LANGAN
 Langan Engineering and
 Environmental Services, Inc.
 2400 Ansys Drive, Suite 403
 Canonsburg, PA 15317-9540
 T: 724.514.5100 F: 724.514.5101
 www.langan.com

Project
CMU RKM
 PITTSBURGH
 ALLEGHENY COUNTY PA

Figure Title
**SITE
 LOCATION
 MAP**

Project No.
 250169701
 Date
 9/29/2022
 Scale
 1" = 2,000 feet
 Drawn By
 LB

Figure
1

FORBES AVENUE S.R. 2018

N87°31'15"E
370.27'

PARCEL 1
THE CARNEGIE INSTITUTE SUBDIVISION
P.B.VOL. 266, PAGE 14

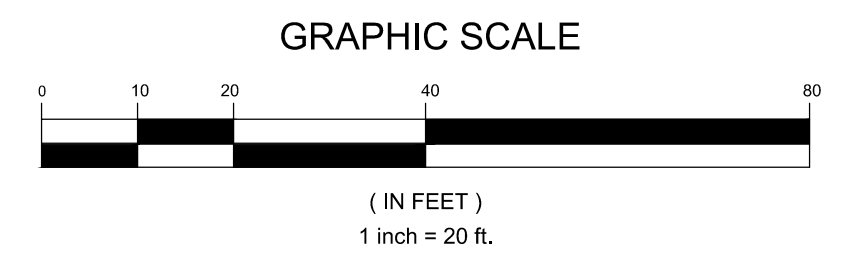
PARCEL 2 - REVISED PLAN
RKM SCIENCE CONSOLIDATION PLAN
P.B.VOL. PAGE

PARCEL 1
THE CARNEGIE INSTITUTE SUBDIVISION
P.B.VOL. 266, PAGE 14

- LEGEND**
- DS - DOOR SILL
 - VP - VENT PIPE
 - YD - YARD DRAIN
 - WB - WATER BOX
 - HC - HANDICAP
 - CONC - CONCRETE
 - ELCC - ELECTRIC
 - TEL - TELEPHONE
 - MH - MANHOLE
 - TOP - TOP OF CASTING
 - FL - FLOW LINE
 - WV - WATER VALVE
 - DV - GAS VALVE
 - FH - FIRE HYDRANT
 - CD - CLEAN OUT
 - RB - RETAINING WALL
 - MB - MAIL BOX
 - OH - OVERHEAD
 - SD - SATELLITE DISH
 - LS - LIGHT STANDARD
 - RR - RAILROAD
 - BOT - BOTTOM
 - CULV - CULVERT
 - ST - STORM
 - DM - GAS METER
 - JB - JUNCTION BOX
 - CMP - CORRUGATED PLASTIC PIPE
 - PVC - POLYVINYL CHLORIDE
 - PWSA - PITTSBURGH WATER & SEWER AUTHORITY
 - ECCO - EQUITABLE GAS CO.
 - DLOD - DUGESHEE LIGHT CO.
 - BTCO - VERIZON (FORMERLY BELL TELEPHONE CO.)
 - TL - SUBSURFACE LIGHTING LINE
 - TR - TRAFFIC LIGHT
 - GL - GAS LINE
 - WL - WATER LINE
 - SEL - SUBSURFACE TELEPHONE LINE
 - SEL - SUBSURFACE ELECTRIC LINE
 - SEL - SUBSURFACE STREAM LINE
 - OH - OVERHEAD WIRE
 - CATV - CABLE TV
 - SP - EXISTING SPOT ELEVATION
 - - EXISTING CONTOURS
 - - EXISTING INLET
 - - EXISTING MANHOLE
 - - EXISTING SEWER

NOTE
THE UNDERGROUND UTILITIES SHOWN HEREON HAVE NOT BEEN PHYSICALLY LOCATED BY THE SURVEYOR. HOWEVER, THE INFORMATION WAS OBTAINED FROM EXISTING PLANS AND SURFACE FACILITIES. THE GATEWAY ENGINEERS, INC. MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE GATEWAY ENGINEERS, INC. DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE SHOWN AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.

MATCH LINE SEE SHEET 2 OF 2



The Gateway Engineers, Inc.
Full-Service Civil Engineering & Surveying
100 McMorris Road, Pittsburgh, PA 15205
gatewayengineers.com 855-634-9284

REVISIONS:

PLAN OF EXISTING CONDITIONS

SITUATE IN
4TH WARD, CITY OF PITTSBURGH
ALLEGHENY COUNTY, PA

MADE FOR
CARNEGIE MELLON UNIVERSITY

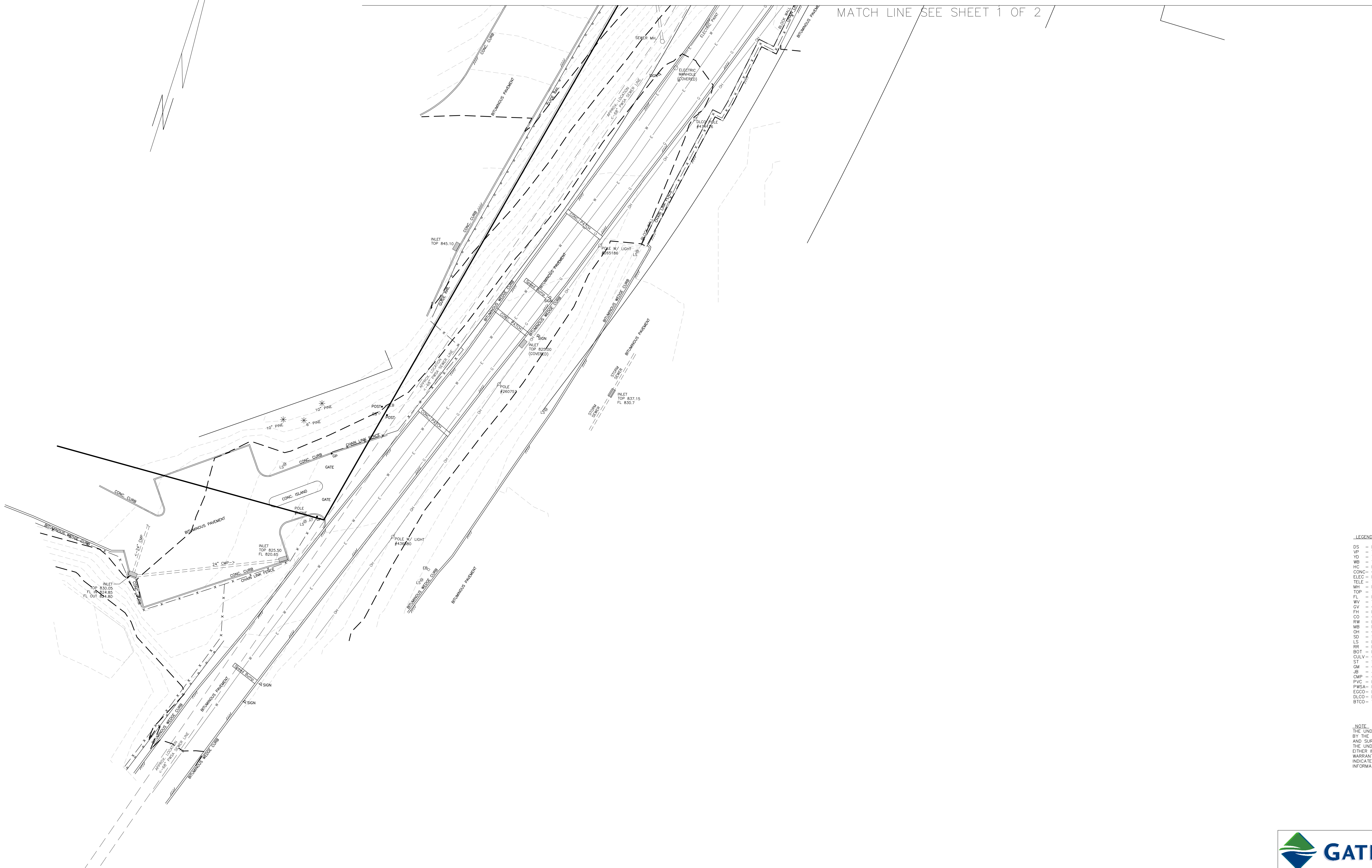
DATE: MARCH 15, 2022
SCALE: 1" = 20'

PROJECT No.: C-16889-0010
DRAWING No.: --

PM: JAB DB: MFR CB: --

J. & F. Heenan & P. Heenan - C-16889-0010 RKM Science Museum of Pittsburgh-010 RKM Science Survey 2022 Dwg 01 - Base 16889-0010 v1.dwg
 Date: 03/15/2022 2:08 PM James A. Brennan, P.L.S., P.E.P. Save: D:\16889-0010\2022\031522 10:34 AM

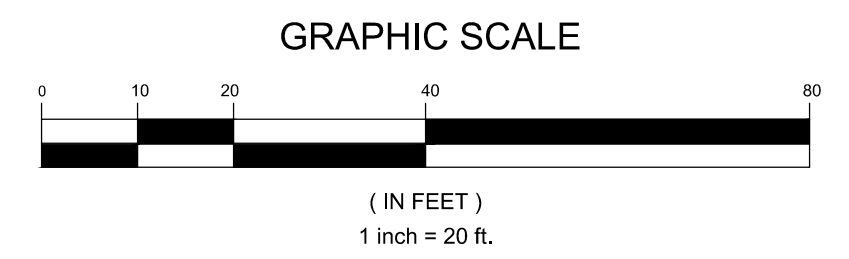
MATCH LINE SEE SHEET 1 OF 2




LEGEND

DS - DOOR SILL	TL - SUBSURFACE LIGHTING LINE
VP - VENT PIPE	TL - TRAFFIC LIGHT
HD - HARD DRAIN	GL - GAS LINE
WB - WATER BOX	W - WATER LINE
HC - HANDICAP	TL - SUBSURFACE TELEPHONE LINE
CC - CONCRETE	EL - SUBSURFACE ELECTRIC LINE
ELCO - ELECTRIC	SL - SUBSURFACE STEAM LINE
TEL - TELEPHONE	OH - OVERHEAD WIRES
MH - MANHOLE	CATV - CABLE TV
TOP - TOP OF CASTING	FL - FLOW LINE
FL - FLOW LINE	CONTOUR - EXISTING CONTOURS
WV - WATER VALVE	INLET - EXISTING INLET
DV - GAS VALVE	CO - EXISTING MANHOLE
FR - FIRE HYDRANT	SEWER - EXISTING SEWER
CO - CLEAN OUT	
RW - RETAINING WALL	
MB - MAIL BOX	
OH - OVERHEAD	
SD - SATELLITE DISH	
LS - LIGHT STANDARD	
RR - RAILROAD	
BTM - BOTTOM	
CULV - CULVERT	
ST - STORM	
DM - GAS METER	
JB - JUNCTION BOX	
CMP - CORRUGATED PLASTIC PIPE	
PVC - POLYVINYL CHLORIDE	
PWA - PITTSBURGH WATER & SEWER AUTHORITY	
EGCO - EQUIVALENT GAS CO.	
DLOO - DUGESNE LIGHT CO.	
BTCO - VERIZON (FORMERLY BELL TELEPHONE CO.)	

NOTE:
 THE UNDERGROUND UTILITIES SHOWN HEREON HAVE NOT BEEN PHYSICALLY LOCATED BY THE SURVEYOR. HOWEVER, THE INFORMATION WAS OBTAINED FROM EXISTING PLANS AND SURFACE FACILITIES. THE GATEWAY ENGINEERS, INC. MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE GATEWAY ENGINEERS, INC. DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE SHOWN AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.



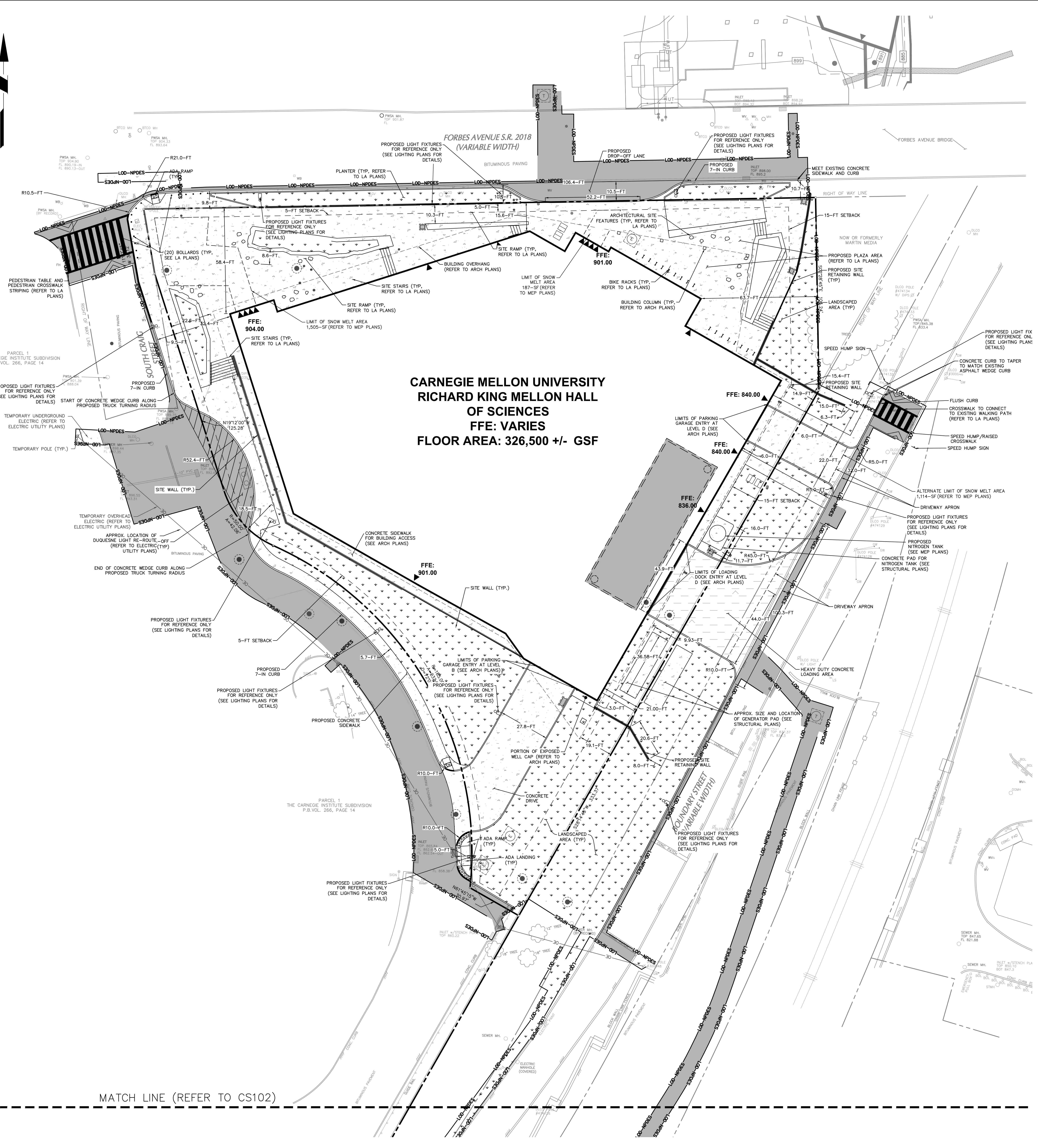
	The Gateway Engineers, Inc. Full-Service Civil Engineering & Surveying 100 McMorris Road, Pittsburgh, PA 15205 gatewayengineers.com 855-634-9284	
	<p>REVISIONS:</p>	
<p>PLAN OF EXISTING CONDITIONS SITUATE IN 4TH WARD, CITY OF PITTSBURGH ALLEGHENY COUNTY, PA MADE FOR CARNEGIE MELLON UNIVERSITY</p>		DATE: MARCH 15, 2022 SCALE: 1" = 20'
PM: JAB DB: MFR CB: --	PROJECT No.: C-16889-0010 DRAWING No.: --	© Gateway Engineers, Inc. All Rights Reserved

Project: 16889-0010 (16889-0010) - Carnegie Museums of Pittsburgh - 0110 RRM - Science Survey 2022 (Digital) - Base: 16889-0010 - v16.cdwg
 Date: 03/15/2022 2:10 PM
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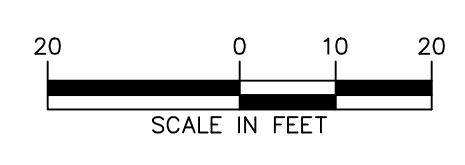
GENERAL SITE PLAN NOTES

- EXISTING BOUNDARY AND TOPOGRAPHY INFORMATION IS BASED ON THE PLANS TITLED "PLAN OF EXISTING CONDITIONS" FOR THE "TOW - RICHARD KING MELLON SCIENCE BUILDING" PROJECT SITUATED IN THE "CITY OF PITTSBURGH, ALLEGHENY COUNTY, PA." PREPARED BY THE GATEWAY ENGINEERS, INC., DATED MARCH 16, 2022.
- THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER AND ENGINEER MAKE NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY INFORMATION THAT WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWINGS; AND, RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PERFORM ADDITIONAL TOPOGRAPHIC SURVEYS HE/SHE DEEMS NECESSARY. PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OR OWNER'S ENGINEER.
- THE CONTRACTOR SHALL, WHEN HE/SHE DEEMS NECESSARY, PROVIDE A WRITTEN REQUEST FOR INFORMATION (RFI) TO THE OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE AND ENGINEER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITEWORK ITEM. THE RFI SHALL BE IN A FORM ACCEPTABLE TO OWNER AND/OR OWNER'S DESIGNATED REPRESENTATIVE AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF THREE WORK DAYS FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
- INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHED FLOOR ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION ON THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO BID. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS/HER ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO BID.
- THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
- CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION STAKEOUT FOR THIS PROJECT MUST BE COMPLETED FROM THE SITE SPECIFIC SURVEY CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL BY GPS OR OTHER METHODS FOR USE IN CONSTRUCTION STAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE EXISTING HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.
- PAVEMENT AFFECTED BY TRENCHING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL AND PROPER CONDITION.
- CONTRACTOR TO COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY WITH THE CITY OF PITTSBURGH.

**CARNEGIE MELLON UNIVERSITY
RICHARD KING MELLON HALL
OF SCIENCES
FFE: VARIES
FLOOR AREA: 326,500 +/- GSF**



	EXISTING	PROPOSED
ROW BOUNDARY	---	---
BUILDING LINE	---	---
BUILDING OVERHEAD	---	---
BUILDING BELOW GRADE	---	---
SNOW MELT	---	---
CONCRETE CURB	---	---
SITE WALL	---	---
SITE WALL	---	---
BUILDING ENTRANCE	---	---
FENCE	---	---
SGN	---	---
BOLLARD	---	---
LIGHT POST	---	---
ELECTRIC STRUCTURE	---	---
TELECOM STRUCTURE	---	---
FIRE HYDRANT	---	---
WATER VALVE	---	---
INLET	---	---
STORM MANHOLE	---	---
SANITARY MANHOLE	---	---
SANITARY CLEANOUT	---	---
CONCRETE SIDEWALK/PAVEMENT	---	---
HEAVY DUTY CONCRETE PAVEMENT	---	---
ASPHALT PAVEMENT	---	---
LANDSCAPE AREA	---	---
DETECTABLE WARNING SURFACE	---	---
WELL WALL CAP	---	---
ASPHALT MILL & OVERLAY	---	---



GENERAL SITE PLAN NOTES

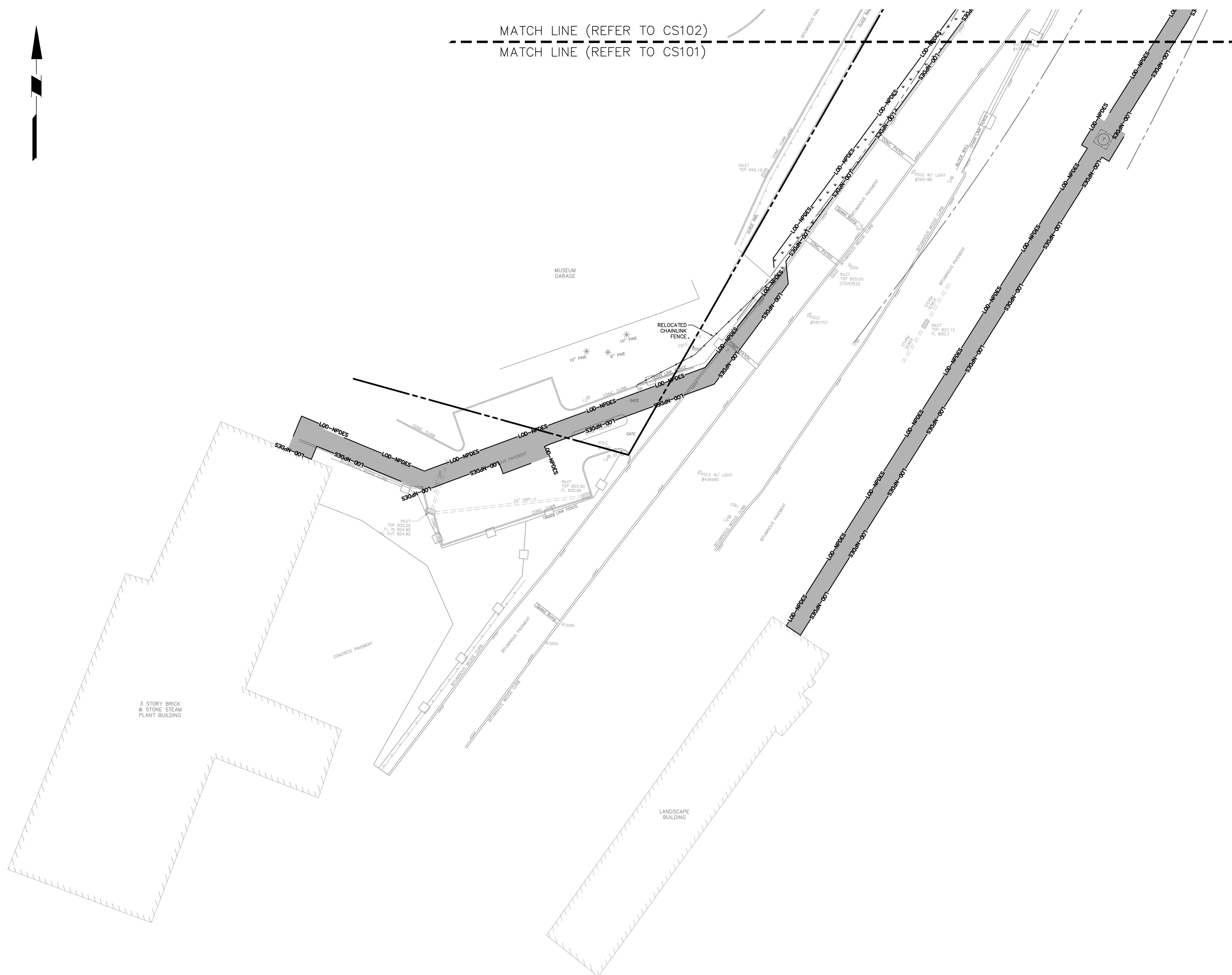
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- PAVEMENT AFFECTED BY TRENCHING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL AND PROPER CONDITION.
- CONTRACTOR TO COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY WITH THE CITY OF PITTSBURGH.

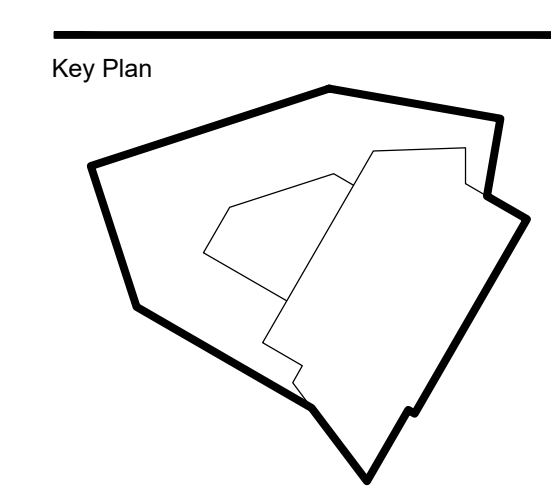
LEGEND

	EXISTING	PROPOSED
ROW BOUNDARY	---	---
BUILDING LINE	---	---
BUILDING OVERHEAD	---	---
BUILDING BELOW GRADE	---	---
SNOW MELT	---	---
CONCRETE CURB	---	---
SITE WALL	---	---
SITE WALL	---	---
BUILDING ENTRANCE	---	---
FENCE	---	---
SGN	---	---
BOLLARD	---	---
LIGHT POST	---	---
ELECTRIC STRUCTURE	---	---
TELECOM STRUCTURE	---	---
FIRE HYDRANT	---	---
WATER VALVE	---	---
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STORM MANHOLE	---	---
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ASPHALT PAVEMENT	---	---
LANDSCAPE AREA	---	---
DETECTABLE WARNING SURFACE	---	---
WELL WALL CAP	---	---
ASPHALT MILL & OVERLAY	---	---

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SCALE IN FEET

MATCH LINE (REFER TO CS102)
MATCH LINE (REFER TO CS101)



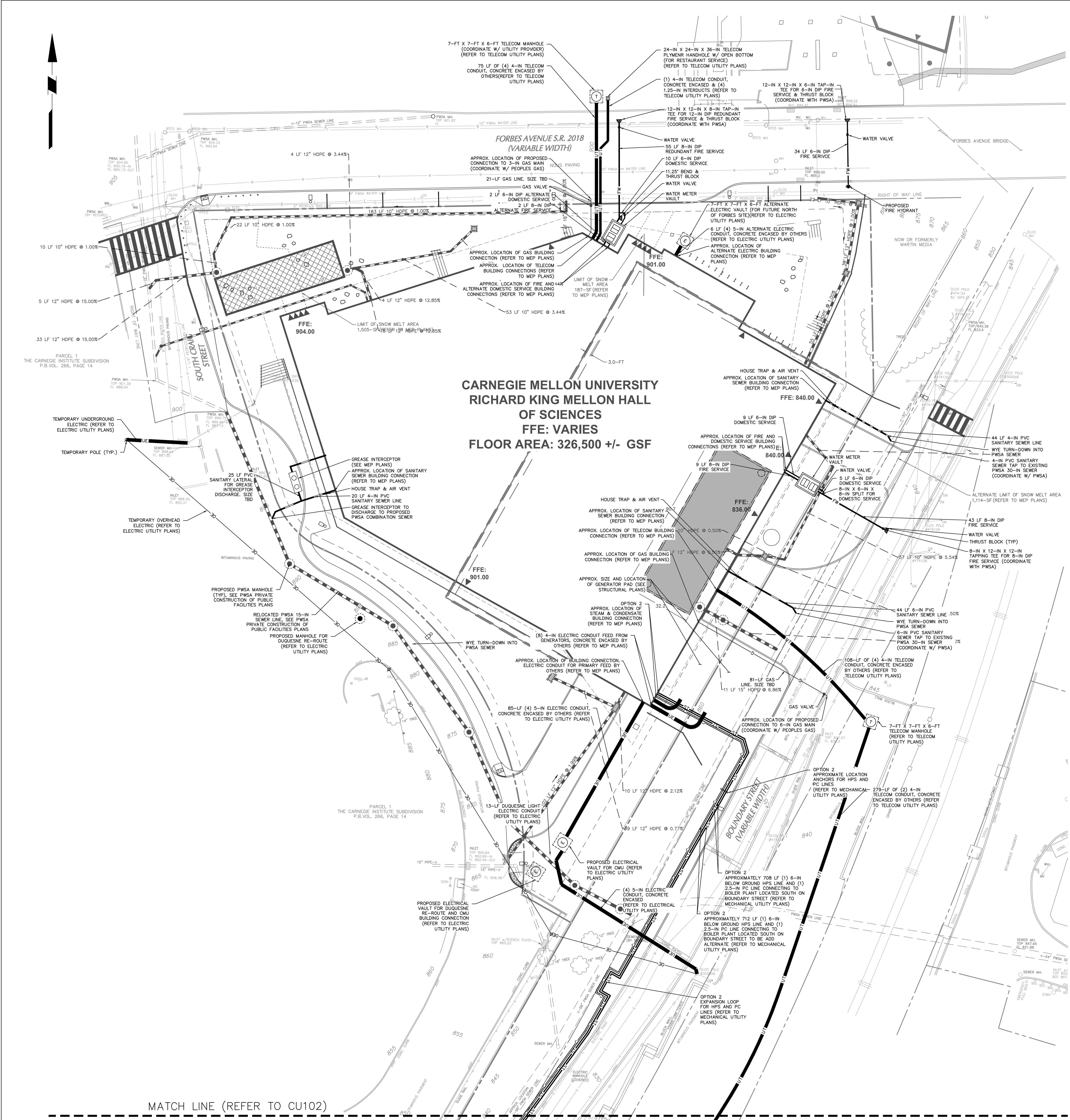
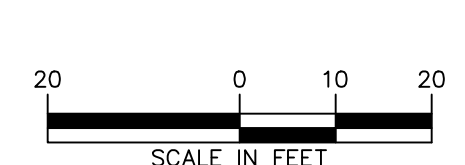


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- IF THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
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- WHERE CONFLICTS ARISE BETWEEN EXISTING OR PROPOSED WATER, GAS, AND ELECTRIC LINES AND PROPOSED STORMWATER CONDUIT, PIPES OR STRUCTURES, THE WATER, GAS, AND ELECTRIC LINES SHALL BE ADJUSTED BENEATH OR AROUND THE PROPOSED STORMWATER CONDUIT, PIPES OR STRUCTURES, WHOEVER IS DEEPER.
- ONCE EXISTING UTILITIES TO REMAIN ARE LOCATED, ANY POTENTIAL CONFLICTS WITH OTHER UTILITIES, RELOCATED UTILITY POLES, ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES, GRATES, MANHOLE COVERS, VALVE BOXES, ETC. TO BE FLUSH WITH THE PROPOSED SURFACE ELEVATIONS WITHIN THE LIMITS OF CONSTRUCTION.
- TRENCH DEPTH REQUIREMENTS MEASURED FROM FINISHED GRADE SHALL MEET THE FOLLOWING:
 - SANITARY SEWER: DEPTHS, ELEVATIONS AND GRADES AS INDICATED ON DRAWINGS.
 - WATER MAINS: DEPTHS, ELEVATIONS AND GRADES AS INDICATED ON DRAWINGS.
 - GAS MAINS AND SERVICE: 30 INCHES MINIMUM TO TOP OF PIPE, OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.
 - ELECTRICAL CONDUITS: 24 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY NEC 300-5 / NEC 710-36 CODES, OR THE LOCAL UTILITY COMPANY REQUIREMENTS, WHICHEVER IS DEEPER.
 - TELEPHONE / TV CONDUITS: 18 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.
- UTILITY TESTING INCLUDING (BUT NOT LIMITED TO) WATER PRESSURE TESTING, WATER SYSTEM FLUSHING, BACTERIOLOGICAL TESTING, VIDEO CAMERA TESTING, MANHOLE TESTING, OR ANY OTHER TESTING REQUIRED BY LOCAL, COUNTY, OR STATE AGENCIES PRIOR TO FINAL ACCEPTANCE OF THE PROJECT AND CERTIFICATE OF OCCUPANCY BEING ISSUED SHALL BE COORDINATED AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE ENGINEER OF RECORD SHALL BE GIVEN 48 HOURS NOTICE PRIOR TO ALL TESTING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO CONTACT AND COORDINATE THE LOCAL AND COUNTY OFFICIALS THAT ARE REQUIRED TO BE PRESENT AT ALL INSPECTIONS. FIRE INSPECTORS SHALL BE INVITED TO INSPECT ALL FIRE SERVICE LINES PRIOR TO BACKFILLING OF TRENCHES.
- ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA STANDARDS. LATEST REVISIONS. HYDROSTATIC TESTING FOR PVC MAINS SHALL BE 150 PSI FOR MAXIMUM OF 2 HOURS AND MEET AWWA STANDARD C-605. DUCTILE IRON MAINS SHALL BE TESTED AT 150 PSI FOR 2 HOURS AND MEET AWWA STANDARD C-600. ALL NEW MAINS SHALL BE INSPECTED PER AWWA STANDARD C-616. BACTERIOLOGICAL TESTS FOR 2 CONSECUTIVE DAYS SHALL BE APPROVED PRIOR TO PLACING SYSTEM INTO SERVICE. CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER OF RECORD WITH AWWA C608 AND N9-14 CERTIFICATIONS.
- PVC POTABLE WATER MAINS SHALL BE SOLID BLUE IN COLOR. DUCTILE IRON WATER MAINS SHALL BE PAINTED WITH BLUE BANDS. CONTRACTORS SHALL INSTALL ALL NEW OR ALTERED WATER PIPES IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS AND / OR ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES.
- ALL WATER LINES ARE TO BE INSPECTED BY A LICENSED PROFESSIONAL ENGINEER DURING INSTALLATION.
- ALL WATER LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE SHALL BE INSTALLED DURING THE BACKFILLING 2 FEET ABOVE PIPE AND 2 FEET BELOW FINISHED GRADE DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "CAUTION WATER PIPE". THE TAPE SHALL HAVE AN EMBEDDED METALLIC DETECTABLE STRIP AND BE BLUE IN COLOR. PROTECTION TAPE SHALL BE TERRA-TAPE OR APPROVED EQUAL.
- ALL SANITARY SEWER LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE SHALL BE INSTALLED DURING BACKFILLING AT LEAST 2 FEET ABOVE THE PIPE, AT LEAST 2 FEET BELOW THE FINISHED GRADE, AND AT MOST 4 FEET BELOW THE FINISHED GRADE. THE PROTECTION TAPE SHALL BE PLACED DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "SEWER". THE PROTECTION TAPE MUST BE ELECTRONICALLY LOCATABLE AND BE BRIGHTLY COLORED PLASTIC. THE SELECTION AND INSTALLATION OF THE PROTECTION TAPE MUST MEET THE REQUIREMENTS SPECIFIED WITHIN THE PEWSA PROCEDURES MANUAL.
- AT THE POINT WHERE THE PROPOSED SANITARY SEWER CONSTRUCTION MEETS A LIVE OR EXISTING SEWER, THE NEW SANITARY SEWER SHALL BE SECURELY PLUGGED UNTIL THE ENTIRE NEW SANITARY SEWER CONSTRUCTION IS COMPLETED AND READY FOR FINAL INSPECTION.
- SANITARY SEWER CLEANOUTS SHALL BE PROVIDED WITHIN 5 FEET OF ALL BUILDING CONNECTIONS FOR ALL SEWER CONNECTIONS TO COMBINED SEWERS.
- ALL GRAVITY SANITARY SEWER PIPE SHALL BE PVC SDR26.
- GRAVITY SANITARY SEWER LINES SHALL BE TESTED FOR INFILTRATION BY MEASURING FLOW OVER A V-NOTCH OR TESTED FOR EXFILTRATION BY FILLING THE LINE WITH WATER TO 10 FEET ABOVE THE INVERT OF THE MANHOLE. THE LIMITING RATE OF INFILTRATION SHALL NOT EXCEED 200 GALLONS PER 1-INCH DIAMETER PER MILE PER 24 HOURS. AN ALTERNATE TESTING METHOD SHALL BE AIR PRESSURE TESTING AT 5 PSI FOR A DURATION OF 10 MINUTES YIELDING NO OBSERVED DROP IN PRESSURE.
- ALL GAS LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE MUST BE INSTALLED DURING THE BACKFILLING APPROXIMATELY 6 INCHES BELOW THE FINISHED GRADE. THE PROTECTION TAPE SHALL BE PLACED DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "CAUTION-GAS PIPE BELOW". THE PROTECTION TAPE SHALL BE 6 INCH WIDE YELLOW PLASTIC PAIRED WITH A SOLID COPPER TRACER WIRE WITH YELLOW THERMOPLASTIC COATING OF AT LEAST #12 AWG. THE SELECTION AND INSTALLATION OF THE PROTECTION TAPE AND TRACER WIRE MUST MEET THE REQUIREMENTS SPECIFIED WITHIN THE PEOPLE'S NATURAL GAS SERVICE LINE INSTALLATION STANDARDS (INSTALLER'S GUIDE).
- ANY WATER, SANITARY AND STORM UTILITY WITH 18 INCHES OR LESS VERTICAL SEPARATION BETWEEN OUTSIDE OF PIPE AND OUTSIDE OF PIPE SHALL BE CONCRETE ENCASED.
- ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS AND ANY LOCAL AUTHORITIES.
- STREET PAVEMENT AFFECTED BY TRENCHING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL AND PROPER CONDITION. ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY AND ALL RESTORATION OF STREET PAVEMENTS SHALL ABIDE BY THE POLICIES SET FORTH IN THE CITY OF PITTSBURGH RIGHT-OF-WAY PROCEDURES.
- ALL SEWER CONNECTIONS MUST BE APPROVED AND INSPECTED BY THE LOCAL GOVERNING AUTHORITY. CONTRACTOR TO RECEIVE APPROVAL FROM THE LOCAL AUTHORITY PRIOR TO CONSTRUCTION.
- PROPOSED LIGHTING TO BE COORDINATED WITH ELECTRICAL DOCUMENTS.
- ALL PROPOSED CONTOURS AND GRADING ARE FOR REFERENCE ONLY. REFER TO LA PLANS FOR FINAL GRADING.

LEGEND

	EXISTING	PROPOSED
ROW BOUNDARY	---	---
SANITARY SEWER	---	---
SANITARY MANHOLE	○	○
SANITARY CLEANOUT	•	•
STORM SEWER	---	---
INLET	○	○
STORM MANHOLE	○	○
WATER LINE	---	---
FIRE LINE	---	---
FIRE HYDRANT	○	○
WATER VALVE	○	○
THRUST BLOCK	○	○
GAS LINE	---	---
GAS VALVE	○	○
TELECOM LINE	---	---
ELECTRIC LINE	---	---
BELOW GRADE	---	---
STEAM LINE	---	---
ABOVE GRADE	---	---
STEAM LINE	---	---
BELOW GRADE	---	---
CONDENSATE LINE	---	---
ABOVE GRADE	---	---
CONDENSATE LINE	---	---
ELECTRIC STRUCTURE	○	○
TELECOM STRUCTURE	○	○

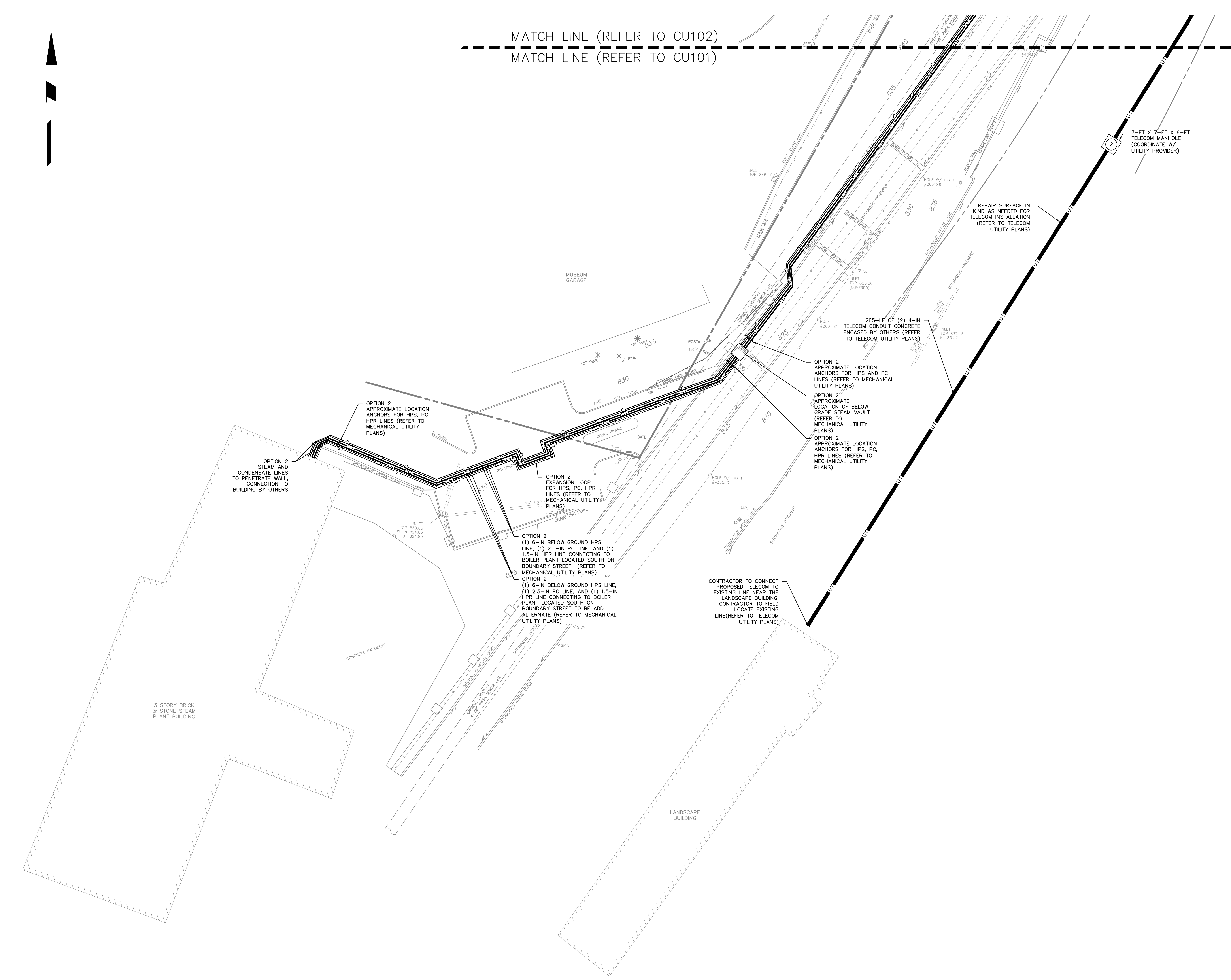


MATCH LINE (REFER TO CU102)

MATCH LINE (REFER TO CU102)
MATCH LINE (REFER TO CU101)

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 - SANITARY SEWER: DEPTHS, ELEVATIONS AND GRADES AS INDICATED ON DRAWINGS.
 - WATER MAINS: 48 INCHES TO TOP OF PIPE BARREL OR 6 INCHES BELOW THE FIRST LINE OR ESTABLISHED BY THE LOCAL BUILDING OFFICIAL OR WATER COMPANY, WHICHEVER IS DEEPER.
 - GAS MAINS AND SERVICES: 30 INCHES MINIMUM TO TOP OF PIPE, OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.
 - ELECTRICAL CONDUITS: 24 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY NEC 300-5 / NEC 710-36 CODES, WHICHEVER IS DEEPER.
 - TELEPHONE / TV CONDUITS: 18 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.
- UTILITY TESTING INCLUDING (BUT NOT LIMITED TO) WATER PRESSURE TESTING, WATER SYSTEM FLUSHING, BACTERIOLOGICAL TESTING, VIDEO CAMERA TESTING, MANDREL TESTING, OR ANY OTHER TESTING REQUIRED BY LOCAL, COUNTY, OR STATE AGENCIES PRIOR TO FINAL ACCEPTANCE OF THE PROJECT AND OCCUPANCY BEING ISSUED SHALL BE COORDINATED AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE ENGINEER OF RECORD SHALL BE GIVEN 48 HOURS NOTICE PRIOR TO ALL TESTING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO CONTACT AND COORDINATE THE LOCAL AND COUNTY OFFICIALS THAT ARE REQUIRED TO BE PRESENT AT ALL INSPECTIONS. LOCAL FIRE INSPECTORS SHALL BE INVITED TO INSPECT ALL FIRE SERVICE LINES PRIOR TO BACKFILLING OF TRENCHES.
- ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA STANDARDS, LATEST EDITIONS. HYDROSTATIC TESTING FOR PVC MAINS SHALL BE 150 PSI FOR MINIMUM OF 2 HOURS. ALL AWWA STANDARD C-605, DUCTILE IRON MAINS SHALL BE TESTED AT 150 PSI FOR 2 HOURS AND MEET AWWA STANDARD C-600. ALL NEW MAINS SHALL BE DISINFECTED PER AWWA STANDARD C-601. TESTS FOR 2 CONSECUTIVE DAYS SHALL BE APPROVED PRIOR TO PLACING SYSTEM INTO SERVICE. CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER OF RECORD WITH AWWA CODES AND AWWA TEST PROCEDURES.
- PVC POTABLE WATER MAINS SHALL BE SOLID BLUE IN COLOR. DUCTILE IRON WATER MAINS SHALL BE PAINTED WITH BLUE BANDS. CONTRACTORS SHALL INSTALL ALL NEW OR ALTERED WATER PIPES IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS AND / OR ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES.
- ALL WATER LINES ARE TO BE INSPECTED BY A LICENSED PROFESSIONAL ENGINEER DURING INSTALLATION.
- ALL WATER LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE SHALL BE INSTALLED DURING THE BACKFILLING 2 FEET ABOVE PIPE AND 2 FEET BELOW FINISHED GRADE DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "CAUTION WATER PIPE". THE TAPE SHALL HAVE AN EMBEDDED METALLIC DETECTABLE STRIP AND BE BLUE IN COLOR. PROTECTION TAPE SHALL BE TERRA-TAPE OR APPROVED EQUAL.
- ALL SANITARY SEWER LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE SHALL BE INSTALLED DURING BACKFILLING AT LEAST 2 FEET ABOVE THE PIPE, AT LEAST 2 FEET BELOW THE FINISHED GRADE, AND AT MOST 4 FEET BELOW THE FINISHED GRADE. THE PROTECTION TAPE SHALL BE PLACED DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "SEWER". THE PROTECTION TAPE MUST BE ELECTRONICALLY LOCATABLE AND BE BRIGHTLY COLORED PLASTIC. THE SELECTION AND INSTALLATION OF THE PROTECTION TAPE MUST MEET THE REQUIREMENTS SPECIFIED WITHIN THE PWSA PROCEDURES MANUAL.
- AT THE POINT WHERE THE PROPOSED SANITARY SEWER CONSTRUCTION MEETS A LIVE OR EXISTING SEWER, THE NEW SANITARY SEWER SHALL BE SECURELY PLUGGED UNTIL THE ENTIRE NEW SANITARY SEWER CONSTRUCTION IS COMPLETED AND READY FOR FINAL INSPECTION.
- SANITARY SEWER CLEANOUTS SHALL BE PROVIDED WITHIN 5 FEET OF ALL BUILDING CONNECTIONS FOR ALL SEWER CONNECTIONS TO COMBINED SEWERS.
- ALL GRAVITY SANITARY SEWER PIPE SHALL BE PVC SDPP6.
- GRAVITY SANITARY SEWER LINES SHALL BE TESTED FOR INFILTRATION BY MEASURING FLOW OVER A V-NOTCH OR TESTED FOR INFILTRATION BY FILLING THE LINE WITH WATER TO 10 FEET ABOVE THE INVERT OF THE MANHOLE. THE LIMITING RATE OF INFILTRATION SHALL NOT EXCEED 200 GALLONS PER 1-INCH DIAMETER PER MILE PER 24 HOURS. THE LIMITING RATE OF INFILTRATION TESTING METHOD SHALL BE AIR PRESSURE TESTING AT 5 PSI FOR A DURATION OF 10 MINUTES YIELDING NO OBSERVED DROP IN PRESSURE.
- ALL GAS LINES SHALL HAVE AN "EARLY WARNING" PROTECTION TAPE INSTALLED CONTINUOUSLY ALONG THE ENTIRE LENGTH. THE PROTECTION TAPE MUST BE INSTALLED DURING THE BACKFILLING APPROXIMATELY 6 INCHES BELOW THE FINISHED GRADE. THE PROTECTION TAPE SHALL BE PLACED DIRECTLY OVER THE PIPE AND BE CONTINUOUSLY MARKED WITH "CAUTION-GAS PIPE BELOW". THE PROTECTION TAPE SHALL BE 6 INCH WIDE YELLOW PLASTIC PARED WITH A SOLID COPPER TRACER WIRE WITH YELLOW THERMOPLASTIC COATING OF AT LEAST #12 AWG. THE SELECTION AND INSTALLATION OF THE PROTECTION TAPE AND TRACER WIRE MUST MEET THE REQUIREMENTS SPECIFIED WITHIN THE PEOPLE'S NATURAL GAS SERVICE LINE INSTALLATION STANDARDS (INSTALLER'S GUIDE).
- ANY WATER, SANITARY AND STORM UTILITY WITH 18 INCHES OR LESS VERTICAL SEPARATION OUTSIDE OF PIPE AND OUTSIDE OF PIPE SHALL BE CONCRETE ENCASED.
- ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS AND ANY LOCAL AUTHORITIES.
- STREET PAVEMENT AFFECTED BY TRENCHING OR OTHER CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL AND PROPER CONDITION. ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY AND ALL RESTORATION OF STREET PAVEMENTS SHALL ABIDE BY THE POLICES SET FORTH IN THE CITY OF PITTSBURGH RIGHT-OF-WAY PROCEDURES.
- ALL SEWER CONNECTIONS MUST BE APPROVED AND INSPECTED BY THE LOCAL GOVERNING AUTHORITY. CONTRACTOR TO RECEIVE APPROVAL FROM THE LOCAL AUTHORITY PRIOR TO CONSTRUCTION.
- PROPOSED LIGHTING TO BE COORDINATED WITH ELECTRICAL DOCUMENTS.
- ALL PROPOSED CONTOURS AND GRADING ARE FOR REFERENCE ONLY. REFER TO LA PLANS FOR FINAL GRADING.



PORTLAND
SEATTLE
LOS ANGELES
WASHINGTON DC
NEW YORK
VANCOUVER BC

600 14th Street NW
Suite 800
Washington, DC 20005
T 202 380 3120
www.zgf.com

Architects
ARCHITECT
R3A ARCHITECTURE
48 S. 14TH STREET
PITTSBURGH, PA 15203
T 412-431-2480

LANDSCAPE
STOSS LANDSCAPE URBANISM
54 OLD COLONY AVE., THIRD FL.
BOSTON, MA 02127
T 617-464-1140

STRUCTURAL
A+F ENGINEERS
1112 16TH ST. NW UNIT 920
WASHINGTON, DC 20036
T 202-628-1600

MEP ENGINEER
AFFILIATED ENGINEERS, INC.
10 S. LA SALLE ST., SUITE 2700
CHICAGO, IL 60603
T 312-977-2800

LAB PLANNING
RESEARCH FACILITIES DESIGN
555 FAYETTEVILLE ST., SUITE 300
RALEIGH, NC 27601
T 919-213-7007

FIRE PROTECTION ENGINEER
WFT ENGINEERING
1801 RESEARCH BLVD., SUITE 100
ROCKVILLE, MD 20850
T 301-230-0811

CIVIL ENGINEER
LANGAN ENGINEERING
2400 ANSYS DR., SUITE 403
CANONSBURG, PA 15317
T 724-514-5143

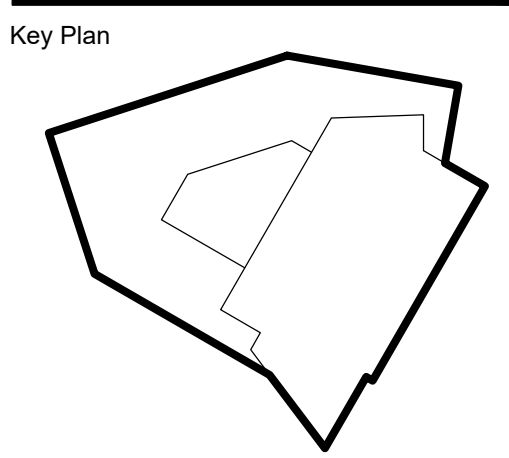
LIFE SAFETY
CODE CONSULTANTS, INC.
2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MO 63146
T 314-991-2633

Revisions

CARNEGIE MELLON
UNIVERSITY - RICHARD KING
MELLON HALL OF SCIENCES

4644 FORBES AVE
PITTSBURGH, PA 15213

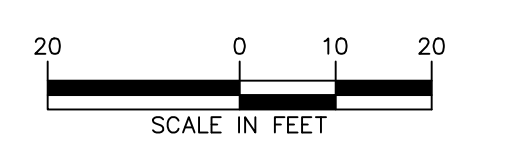
Drawing Title
UTILITY PLAN



Date: 2023.07.12
Job No: D26023
Drawn By: JAB
Checked By: EEG

Drawing No.

LEGEND	EXISTING	PROPOSED
	ROW BOUNDARY	- - - - -
SANITARY SEWER	— (solid line)	— (solid line)
SANITARY MANHOLE	○ (circle)	○ (circle)
SANITARY CLEANOUT	— (solid line)	— (solid line)
STORM SEWER	— (dashed line)	— (dashed line)
INLET	□ (square)	□ (square)
STORM MANHOLE	○ (circle)	○ (circle)
WATER LINE	— (solid line)	— (solid line)
FIRE LINE	— (solid line)	— (solid line)
FIRE HYDRANT	● (circle)	● (circle)
WATER VALVE	⊘ (circle)	⊘ (circle)
THRUST BLOCK	● (circle)	● (circle)
GAS LINE	— (solid line)	— (solid line)
GAS VALVE	● (circle)	● (circle)
TELECOM LINE	— (solid line)	— (solid line)
ELECTRIC LINE	— (solid line)	— (solid line)
BELOW GRADE STEAM LINE	— (solid line)	— (solid line)
ABOVE GRADE STEAM LINE	— (solid line)	— (solid line)
BELOW GRADE CONDENSATE LINE	— (solid line)	— (solid line)
ABOVE GRADE CONDENSATE LINE	— (solid line)	— (solid line)
ELECTRIC STRUCTURE	□ (square)	□ (square)
TELECOM STRUCTURE	○ (circle)	○ (circle)



CU102 NPDES PERMIT SET

APPENDIX G

Cultural Resource Notice

**SECTION G
SEWAGE FACILITIES PLANNING
MODULE COMPONENT 3**

**Re: Cultural Resources Notice (CRN)
Carnegie Mellon University Richard King Mellon Science Building
City of Pittsburgh, Allegheny County, Pennsylvania
Langan Project No.: 250169701**

Per DEP Document #0120-PM-PY0003a – Section F, a Cultural Resource Notice is not required for this project because the project area is less than 10 acres, and does not contain any existing historical buildings.

APPENDIX H

PNDI

1. PROJECT INFORMATION

Project Name: **CMU - RKM Science Building**

Date of Review: **6/23/2023 10:06:40 AM**

Project Category: **Development, New public/community development (school, library, church, museum)**

Project Area: **5.50 acres**

County(s): **Allegheny**

Township/Municipality(s): **PITTSBURGH**

ZIP Code:

Quadrangle Name(s): **PITTSBURGH EAST**

Watersheds HUC 8: **Lower Monongahela**

Watersheds HUC 12: **Streets Run-Monongahela River**

Decimal Degrees: **40.444045, -79.947790**

Degrees Minutes Seconds: **40° 26' 38.5627" N, 79° 56' 52.453" W**



2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	Potential Impact	FURTHER REVIEW IS REQUIRED, See Agency Response
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate there may be potential impacts to threatened and endangered and/or special concern species and resources within the project area. If the response above indicates "No Further Review Required" no additional communication with the respective agency is required. If the response is "Further Review Required" or "See Agency Response," refer to the appropriate agency comments below. Please see the DEP Information Section of this receipt if a PA Department of Environmental Protection Permit is required.

CMU - RKM Science Building

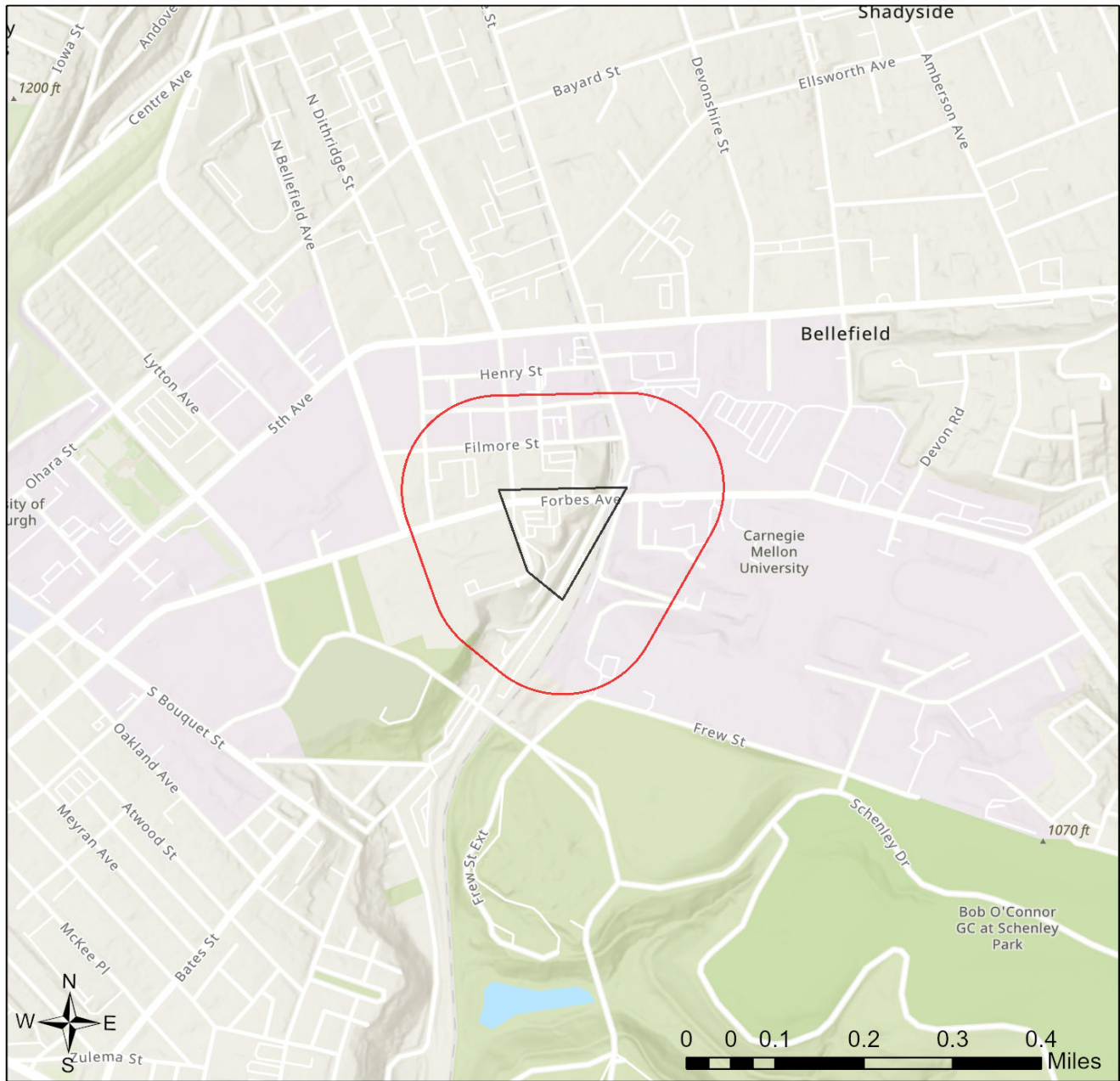




-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

CMU - RKM Science Building



-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: The proposed project is in the range of the Indiana bat. Describe how the project will affect bat habitat (forests, woodlots and trees) and indicate what measures will be taken in consideration of this. Round acreages up to the nearest acre (e.g., 0.2 acres = 1 acre).

Your answer is: No forests, woodlots or trees will be affected by the project.

Q2: Is tree removal, tree cutting or forest clearing of 40 acres or more necessary to implement all aspects of this project?

Your answer is: No

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

Further review of this project is necessary to resolve the potential impact(s). Please send project information to this agency for review (see WHAT TO SEND).

PGC Species: (Note: The Pennsylvania Conservation Explorer tool is a primary screening tool, and a desktop review may reveal more or fewer species than what is listed below.)

Scientific Name	Common Name	Current Status
Falco peregrinus	Peregrine Falcon	Special Concern Species*

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

* Special Concern Species or Resource - Plant or animal species classified as rare, tentatively undetermined or candidate as well as other taxa of conservation concern, significant natural communities, special concern populations (plants or animals) and unique geologic features.

** Sensitive Species - Species identified by the jurisdictional agency as collectible, having economic value, or being susceptible to decline as a result of visitation.

WHAT TO SEND TO JURISDICTIONAL AGENCIES

If project information was requested by one or more of the agencies above, upload* or email the following information to the agency(s) (see AGENCY CONTACT INFORMATION). Instructions for uploading project materials can be found [here](#). This option provides the applicant with the convenience of sending project materials to a single location accessible to all three state agencies (but not USFWS).

*If information was requested by USFWS, applicants must email, or mail, project information to IR1_ESPenn@fws.gov to initiate a review. USFWS will not accept uploaded project materials.

Check-list of Minimum Materials to be submitted:

___ Project narrative with a description of the overall project, the work to be performed, current physical characteristics of the site and acreage to be impacted.

___ A map with the project boundary and/or a basic site plan (particularly showing the relationship of the project to the physical features such as wetlands, streams, ponds, rock outcrops, etc.)

In addition to the materials listed above, USFWS REQUIRES the following

___ **SIGNED** copy of a Final Project Environmental Review Receipt

The inclusion of the following information may expedite the review process.

___ Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each photo was taken and the date of the photos)

___ Information about the presence and location of wetlands in the project area, and how this was determined (e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing the location of all project features, as well as wetlands and streams.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Erminio Genoese
Company/Business Name: Langan Engineering & Environmental Services, Inc
Address: 2400 Ansys Drive, Suite 403
City, State, Zip: Canonsburg, PA 15317
Phone: (724) 514-5143 Fax: (724) 514-5101
Email: egenoise@langan.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

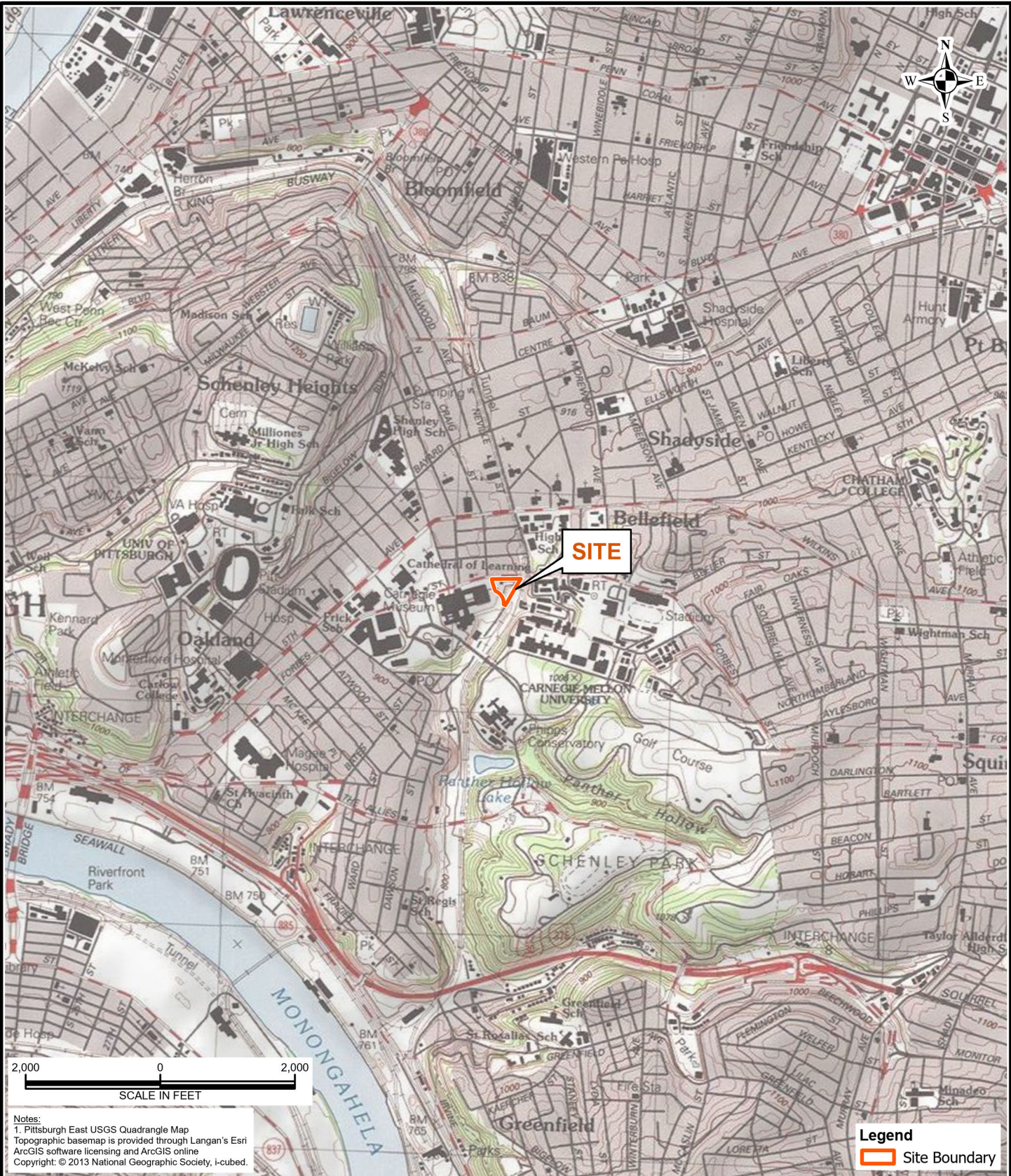


applicant/project proponent signature

06/26/2023

date

FIGURE 1
SITE LOCATION MAP



Notes:
 1. Pittsburgh East USGS Quadrangle Map
 Topographic basemap is provided through Langan's Esri
 ArcGIS software licensing and ArcGIS online
 Copyright: © 2013 National Geographic Society, i-cubed.

LANGAN
 Langan Engineering and
 Environmental Services, Inc.
 2400 Ansys Drive, Suite 403
 Canonsburg, PA 15317-9540
 T: 724.514.5100 F: 724.514.5101
 www.langan.com

Project
CMU RKM
 PITTSBURGH
 ALLEGHENY COUNTY PA

Figure Title
**SITE
 LOCATION
 MAP**

Project No.
 250169701
 Date
 9/29/2022
 Scale
 1" = 2,000 feet
 Drawn By
 LB

Figure
1



PENNSYLVANIA GAME COMMISSION

BUREAU OF WILDLIFE MANAGEMENT

2001 ELMERTON AVENUE HARRISBURG, PA 17110-9797 | (717) 787-5529

January 12, 2023

Erminio Genoese
Langan Engineering
2400 Ansys Drive
Suite 403
Canonsburg, PA 15211
egenoise@langan.com

Re: CMU - RKM Science Building
PNDI Receipt File: *project_receipt_cmu_rkm_science_building_773367_FINAL_1.pdf*
City of Pittsburgh, Allegheny County, PA

Dear Erminio Genoese,

Thank you for submitting the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt File *project_receipt_cmu_rkm_science_building_773367_FINAL_1.pdf* for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

No Impact Anticipated – PNDI Species

PNDI records indicate species or resources of concern are located within the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further PNDI coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for two (2) years from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an “Update” (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for two additional years.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at www.naturalheritage.state.pa.us.

Sincerely,



Sue Guers
Wildlife Biologist / Environmental Review Lead
Bureau of Wildlife Management
Phone: 717-787-4250, Extension 73412
Fax: 717-787-6957
E-mail: suguers@pa.gov

A PNHP Partner



Pennsylvania Natural Heritage Program

SLG/slg

APPENDIX I

Component 4A



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:

**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW**

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

CMU Richard King Mellon Hall of Sciences

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency 8/28/20232. Date review completed by agency 9/14/2023

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)?
<input type="checkbox"/> N/A	<input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Is this proposal consistent with the use, development, and protection of water resources? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Will any known historical or archaeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. Will any known endangered or threatened species of plant or animal be impacted by this project? If yes, describe impacts _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Is there a municipal zoning ordinance?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9. Is this proposal consistent with the ordinance? If no, describe the inconsistencies <u>In review</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	11. Have all applicable zoning approvals been obtained?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Is there a municipal subdivision and land development ordinance?

SECTION C. AGENCY REVIEW (continued)

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies <u>In review</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section: Name: <u>Kyla Prendergast</u> Title: <u>Senior Environmental Planner</u> Signature: <u><i>Kyla Prendergast</i></u> Date: <u>9/14/2023</u> Name of Municipal Planning Agency: <u>City of Pittsburgh Department of City Planning</u> Address <u>100 Ross St, Suite 202, Pittsburgh, PA 15219</u> Telephone Number: <u>412-522-6551</u>		

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

APPENDIX J

Component 4C



INSTRUCTIONS FOR COMPLETING COMPONENT 4C COUNTY OR JOINT HEALTH DEPARTMENT REVIEW

Remove and recycle these instructions prior to mailing component to the approving agency.

Background

This component, Component 4, is used to obtain the comments of planning agencies and/or health departments having jurisdiction over the project area. It is used in conjunction with other planning module components appropriate to the characteristics of the project proposed.

Who Should Complete the Component?

The component should be completed by any existing municipal planning agency, county planning agency, planning agency with areawide jurisdiction, and/or health department having jurisdiction over the project site. It is divided into sections to allow for convenient use by the appropriate agencies.

The project sponsor must forward copies of this component, along with supporting components and data, to the appropriate planning agency(ies) and health department(s) (if any) having jurisdiction over the development site. These agencies are responsible for responding to the questions in their respective sections of Component 4, as well as providing whatever additional comments they may wish to provide on the project plan. After the agencies have completed their review, the component will be returned to the applicant. The agencies have 60 days in which to provide comments to the applicant. If the agencies fail to comment within this 60 day period, the applicant may proceed to the next stage of the review without the comments. The use of registered mail or certified mail (return receipt requested) by the applicant when forwarding the module package to the agencies will document a date of receipt.

After receipt of the completed Component 4 from the planning agencies, or following expiration of the 60 day period without comments, the applicant must submit the entire component package to the municipality having jurisdiction over the project area for review and action. If approved by the municipality, the proposed plan, along with the municipal action, will be forwarded to the approving agency (Department of Environmental Protection or delegated local agency). The approving agency, in turn, will either approve the proposed plan, return it as incomplete, or disapprove the plan, based upon the information provided.

Instructions for Completing Planning Agency and/or Health Department Review Component

Section A. Project Name

Enter the project name as it appears on the accompanying sewage facilities planning module component (Component 2, 2m, 3, 3s or 3m).

Section B. Review Schedule

Enter the date the package was received by the reviewing agency, and the date that the review was completed.

Section C. Agency Review

1. Answer the yes/no questions and provide any descriptive information necessary on the lines provided. Attach additional sheets, if necessary.
 2. Complete the name, title, and signature block.
-

Section D. Additional Comments

The Agency may provide whatever additional comment(s) it deems necessary, as described in the form. Attach additional sheets, if necessary.

**SEWAGE FACILITIES PLANNING MODULE
 COMPONENT 4C - COUNTY OR JOINT HEALTH DEPARTMENT REVIEW**

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the county or joint county health department for their comments.


SECTION A. PROJECT NAME (See Section A of instructions)

Project Name
 : Carnegie Mellon University Richard King Mellon Science Building

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county or joint county health department 9/18/2023
 Agency name Allegheny County Health Department (ACHD)
2. Date review completed by agency 9/22/2023

SECTION C. AGENCY REVIEW (See Section C of instructions)

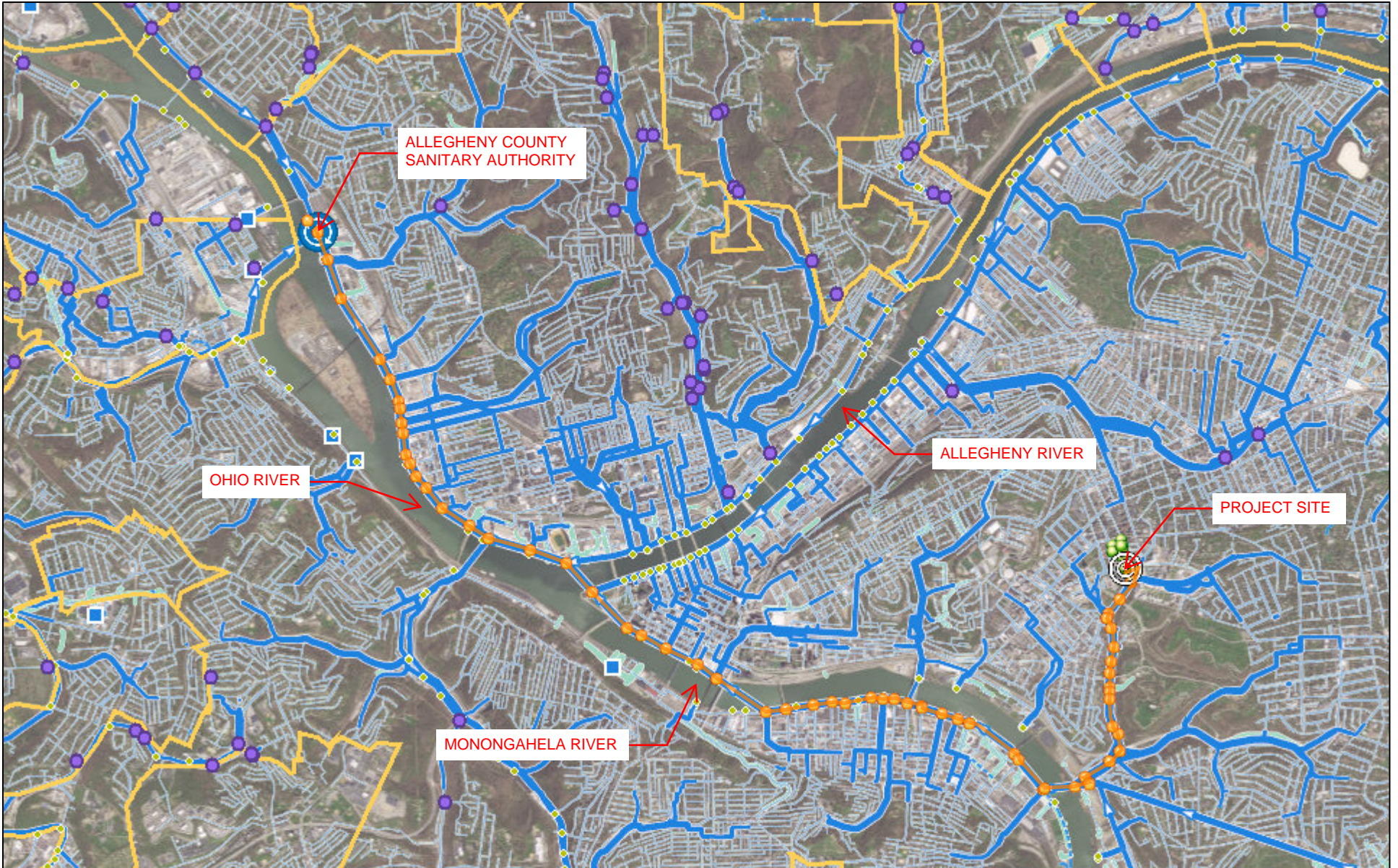
- | | | |
|-------------------------------------|-------------------------------------|--|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is the proposed plan consistent with the municipality's Official Sewage Facilities Plan?
If no, what are the inconsistencies? _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is there any known groundwater degradation in the area of this proposal?
If yes, describe _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. The county or joint county health department recommendation concerning this proposed plan is as follows: <u>ACHD recommends approval. Please see attached letter.</u> |
| | | 5. Name, title and signature of person completing this section:
Name: <u>Issa Tijani</u>
Title: <u>Environmental Health Engineer</u>
Signature: <u></u>
Date: <u>9/25/2023</u>
Name of County Health Department: <u>Allegheny County Health Department</u>
Address: <u>3901 Penn Avenue, Building #5, Pittsburgh, PA 15224</u>
Telephone Number: <u>412-578-8046</u> |

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)




This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.



The county planning agency must complete this component within 60 days.
 This component and any additional comments are to be returned to the applicant.



3RWW Sewer Atlas Overall

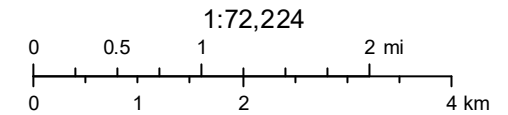


9/20/2023, 3:37:01 PM

 ALCOSAN Service Area
 ALCOSAN Plant
 ALCOSAN Plant

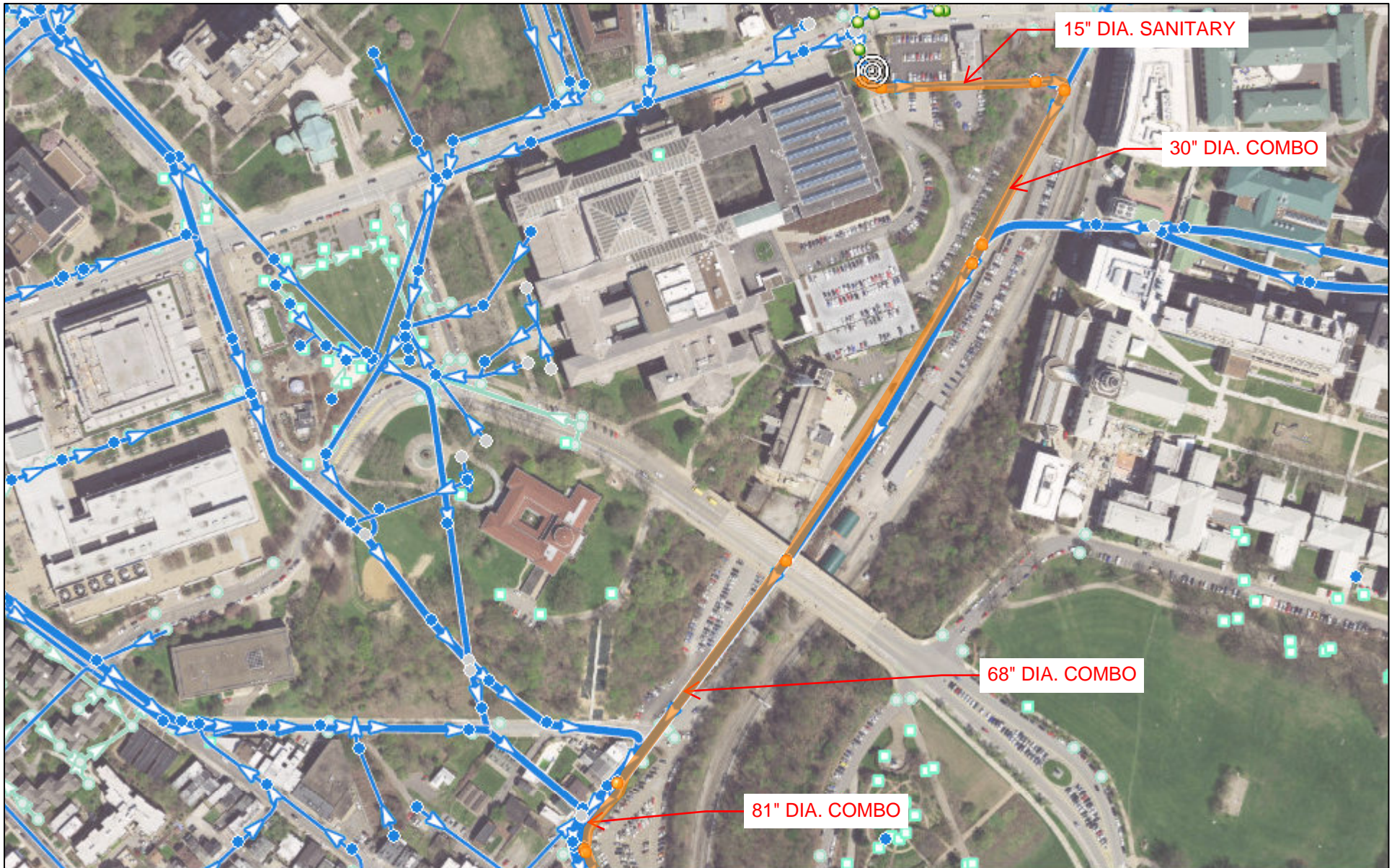
Flow Monitors
 Override 1
Wastewater | Discharge Points
 Override 1

Wastewater | Pump / Facility Locations
 Override 1
Municipalities in the ALCOSAN Service Area
 Override 1



3 Rivers Wet Weather



3RWW Sewer Atlas 97




9/20/2023, 3:43:30 PM

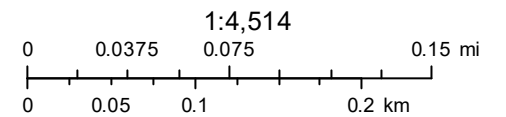
 ALCOSAN Service Area

Wastewater | Manholes and Other Structures

-  Manhole
-  (Missing Type)

Municipalities in the ALCOSAN Service Area

- Override 1
-  Flow Direction



3 Rivers Wet Weather

3 Rivers Wet Weather

3RWW Sewer Atlas 98





9/20/2023, 3:41:16 PM


 ALCOSAN Service Area

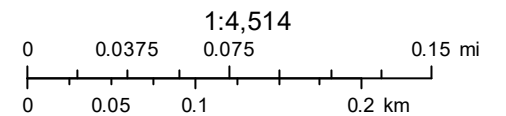
Municipalities in the ALCOSAN Service Area

Wastewater | Manholes and Other Structures

Override 1

-  Manhole
-  (Missing Type)

 Flow Direction



3 Rivers Wet Weather

3 Rivers Wet Weather

3RWW Sewer Atlas 99



9/20/2023, 3:40:32 PM

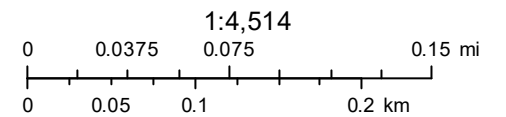
 ALCOSAN Service Area

 (Missing Type)

Wastewater | Manholes and Other Structures Municipalities in the ALCOSAN Service Area

 Manhole

Override 1



3 Rivers Wet Weather


3 Rivers Wet Weather

3RWW Sewer Atlas 100



9/20/2023, 3:39:38 PM

 ALCOSAN Service Area

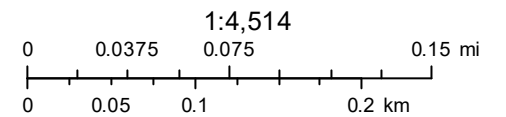
 (Missing Type)

Wastewater | Manholes and Other Structures Municipalities in the ALCOSAN Service Area

 Other Structures

Override 1

 Manhole



3 Rivers Wet Weather

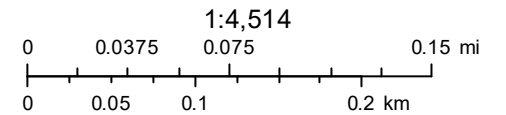
3 Rivers Wet Weather

3RWW Sewer Atlas 101



9/20/2023, 3:38:14 PM

- | | | | | | | |
|--|----------------------|---|----------------|-----------|--|----------------|
| | ALCOSAN Service Area | Wastewater Manholes and Other Structures | | Regulator | | Flow Direction |
| | Override 1 | | (Missing Type) | | | |
| | Manhole | | Junction | | | |

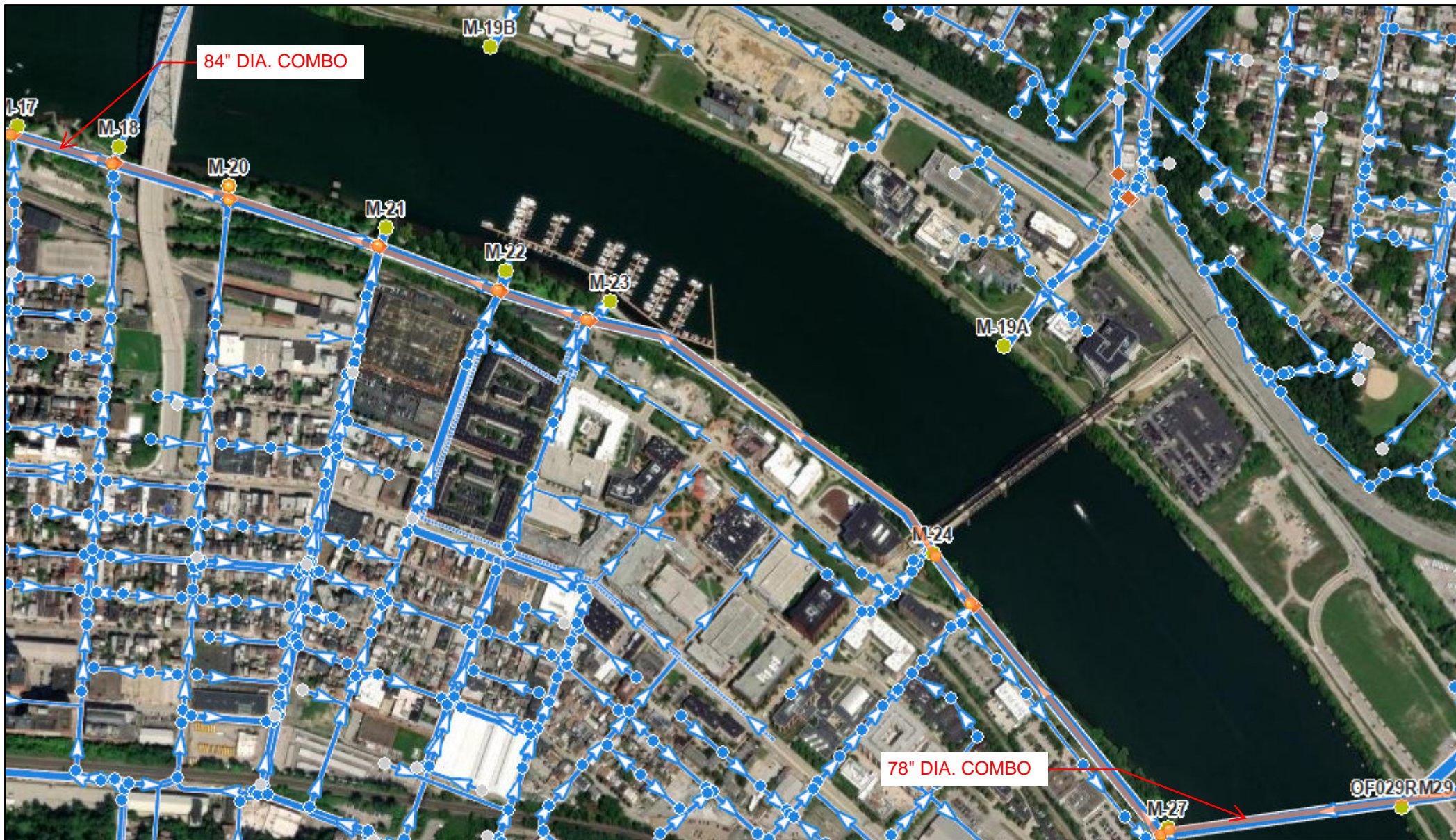


3 Rivers Wet Weather

Municipalities in the ALCOSAN Service Area
 Override 1

3 Rivers Wet Weather

3RWW Sewer Atlas



12/7/2022, 12:55:41 PM

Wastewater | Discharge Points

● Override 1

Wastewater | Manholes and Other Structures

● Manhole

◆ Regulator

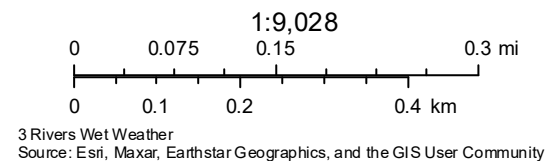
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Municipalities in the ALCOSAN Service Area

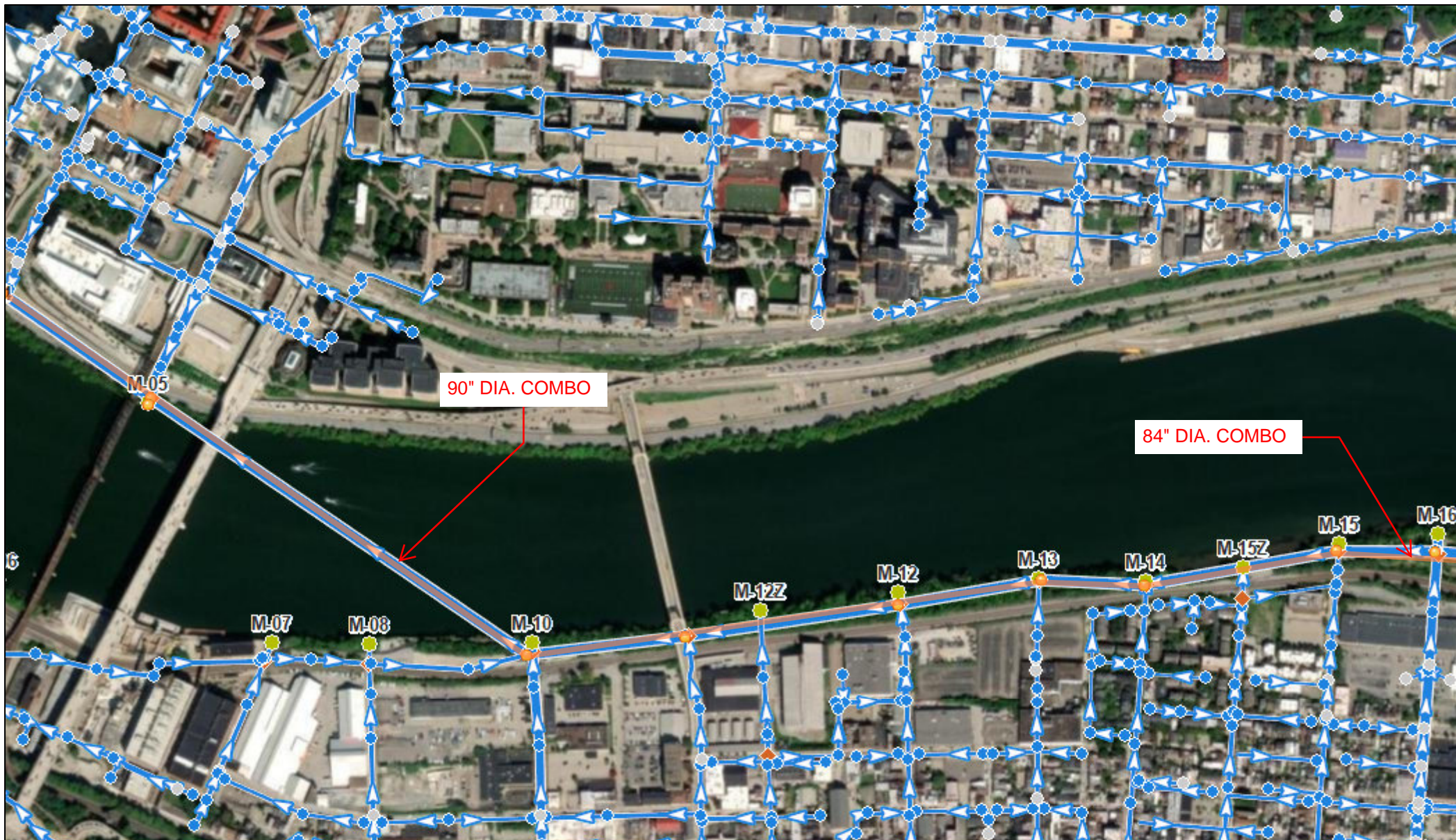
● Override 1

▤ Flow Direction

▬ Pipes (unknown width)



3RWW Sewer Atlas



12/7/2022, 12:56:09 PM

Wastewater | Discharge Points

- Override 1

Wastewater | Manholes and Other Structures

- Other Structures

- Manhole
- (Missing Type)

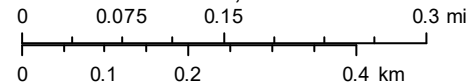
- ◆ Junction
- ◆ Regulator

Municipalities in the ALCOSAN Service Area

- Override 1

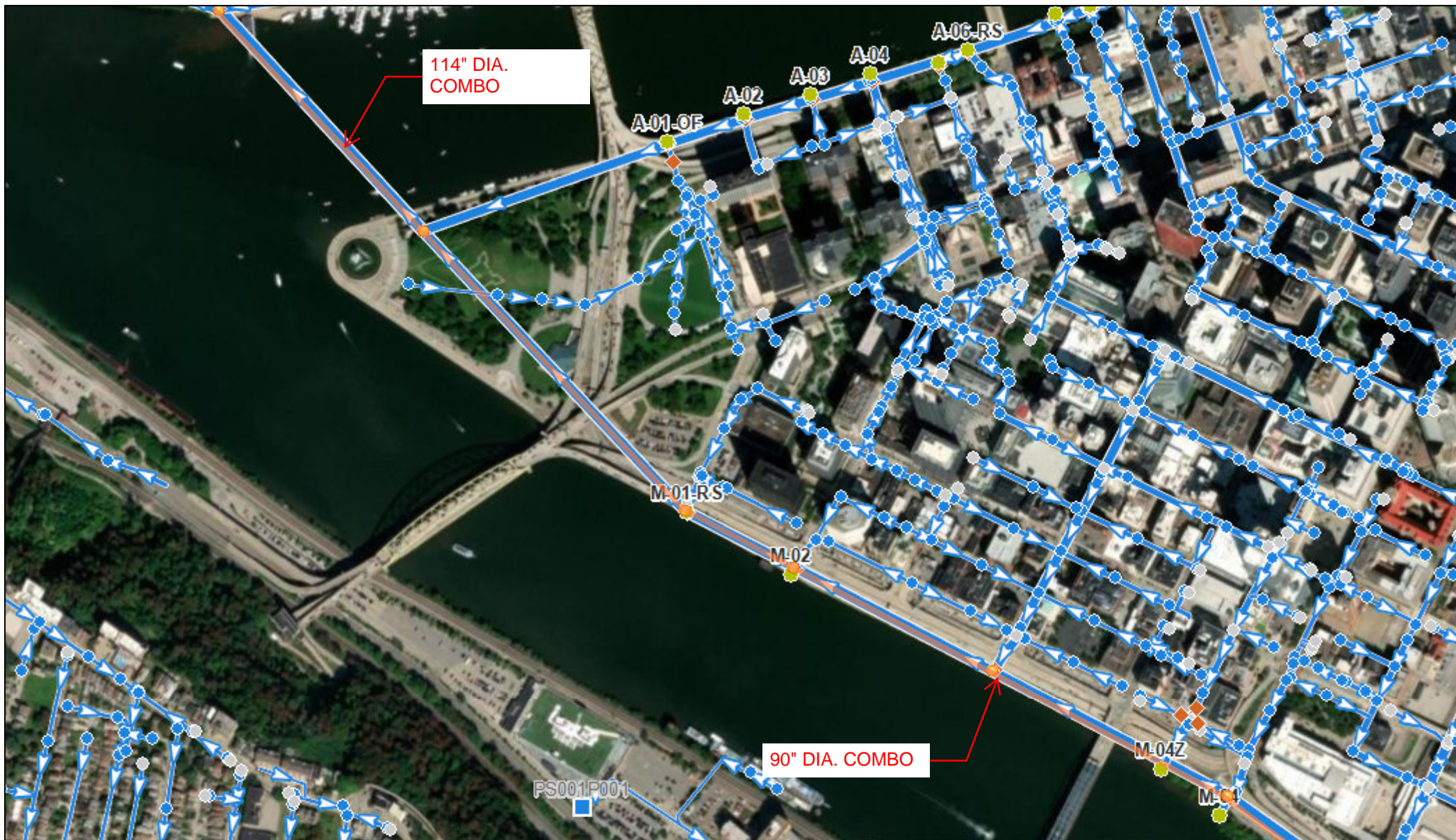
- Flow Direction

1:9,028



3 Rivers Wet Weather
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

3RWW Sewer Atlas



12/7/2022, 12:56:32 PM

Wastewater | Discharge Points

● Override 1

Wastewater | Pump / Facility Locations

■ Override 1

Wastewater | Manholes and Other Structures

● Other Structures

● Manhole

◆ Junction

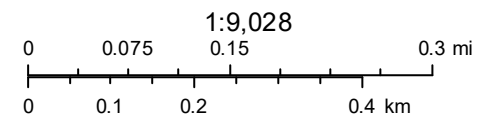
◆ Regulator

● (Missing Type)

Municipalities in the ALCOSAN Service Area

● Override 1

▶ Flow Direction



3 Rivers Wet Weather
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

3RWW Sewer Atlas



12/7/2022, 12:57:03 PM

Wastewater | Discharge Points

- Override 1

Wastewater | Manholes and Other Structures

- Other Structures

- Manhole

- ◆ Regulator

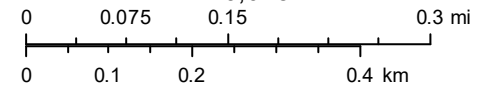
- (Missing Type)

Municipalities in the ALCOSAN Service Area

- Override 1

- ▶ Flow Direction

1:9,028



3 Rivers Wet Weather
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

3RWW Sewer Atlas



12/7/2022, 12:57:32 PM

Wastewater | Discharge Points

- Override 1

Wastewater | Pump / Facility Locations

- Override 1

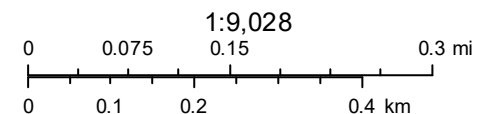
Wastewater | Manholes and Other Structures

- Other Structures
- Manhole
- ◆ Regulator

● (Missing Type)

Municipalities in the ALCOSAN Service Area

- Override 1
- ▶ Flow Direction



3 Rivers Wet Weather
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

3RWW Sewer Atlas



12/7/2022, 12:58:14 PM

Wastewater | Discharge Points

● Override 1

Wastewater | Pump / Facility Locations

■ Override 1

Wastewater | Manholes and Other Structures

● Other Structures

● Manhole

◆ Junction

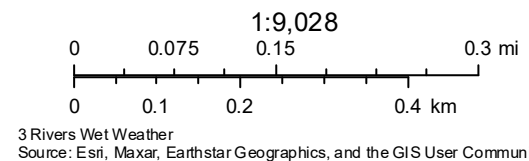
◆ Regulator

● (Missing Type)

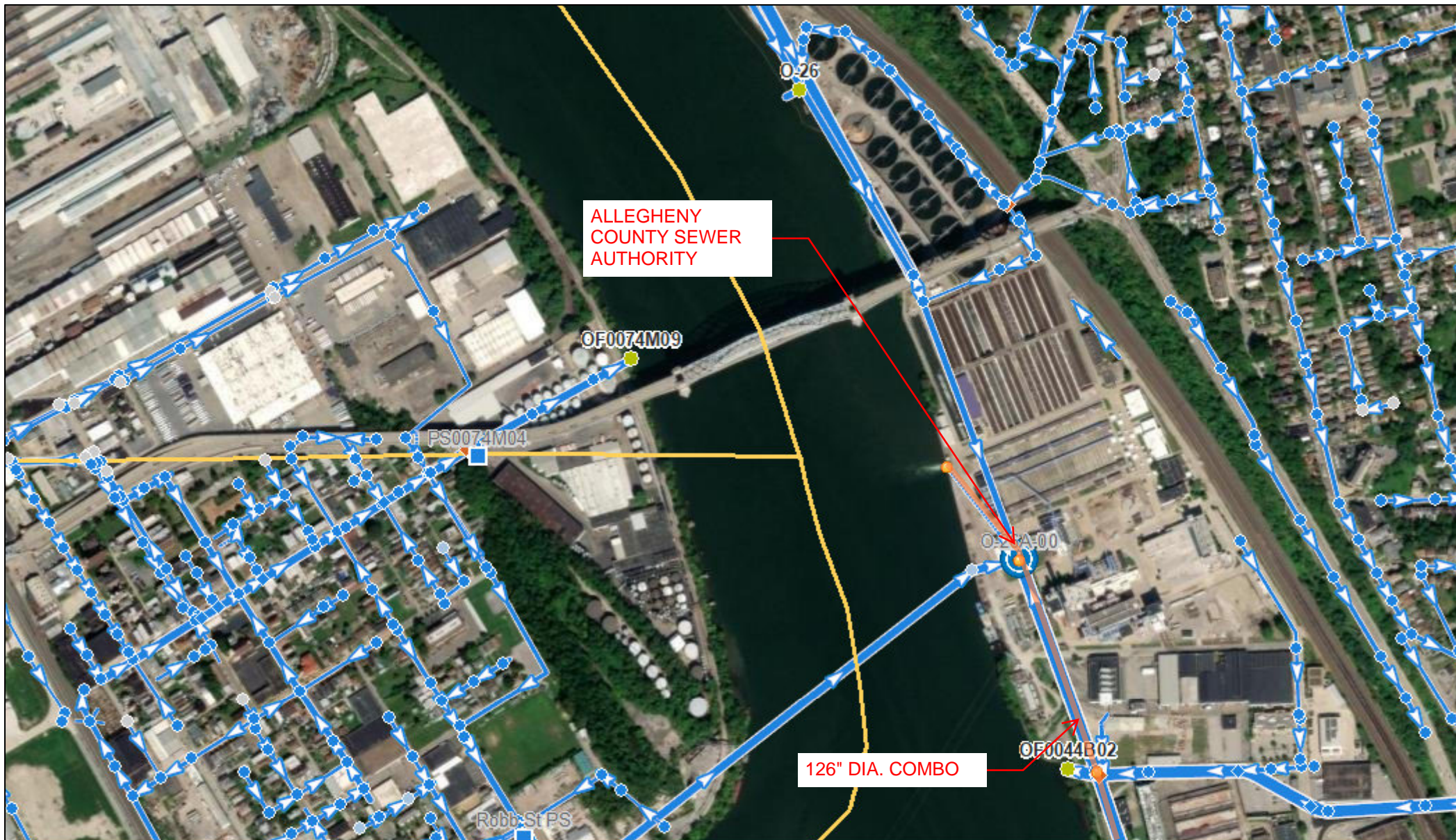
Municipalities in the ALCOSAN Service Area

○ Override 1

➔ Flow Direction



3RWW Sewer Atlas



12/7/2022, 12:58:41 PM

ALCOSAN Plant



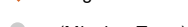
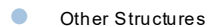
Wastewater | Discharge Points



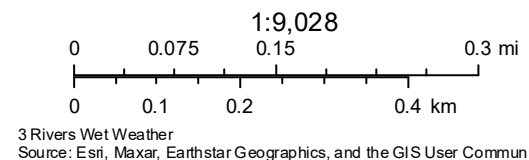
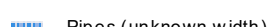
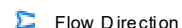
Wastewater | Pump / Facility Locations



Wastewater | Manholes and Other Structures



Municipalities in the ALCOSAN Service Area



APPENDIX K

Completeness Checklist

Checklist



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

Completeness Checklist

The individual completing the component should use the checklist below to assure that all items are included in the module package. The municipality should confirm that the required items have been included within 10 days of receipt, and if complete, sign and date the checklist.

Sewage Collection and Treatment Facilities

- Name and Address of land development project.
- U.S.G.S. 7.5 minute topographic map with development area plotted.
- Project Narrative.
- Letter from water company (if applicable).
- Alternative Analysis Narrative.
- Details of chosen financial assurance method.
- Proof of Public Notification (if applicable).
- Name of existing collection and conveyance facilities.
- Name and NPDES number of existing treatment facility to serve proposed development.
- Plot plan of project with required information.
- Total sewage flows to facilities table.
- Signature of existing collection and/or conveyance Chapter 94 report preparer.
- Signature of existing treatment facility Chapter 94 report preparer.
- Letter granting allocation to project (if applicable).
- Signature acknowledging False Swearing Statement.
- Completed Component 4 (Planning Agency Review) for each existing planning agency and health department.
- Information on selected treatment and disposal option.
- Permeability information (if applicable).
- Preliminary hydrogeology (if applicable).
- Detailed hydrogeology (if applicable).

Municipal Action

- Component 3 (Sewage Collection and Treatment Facilities).
- Component 4 (Planning Agency Comments and Responses).
- Proof of Public Notification.
- Long-term operation and maintenance option selection.
- Comments, and responses to comments generated by public notification.
- Transmittal Letter

Signature of Municipal Official

Date submittal determined complete

APPENDIX L

Flow Monitoring Data

Most Limited Capacity Sewer (MLCS) Spreadsheet

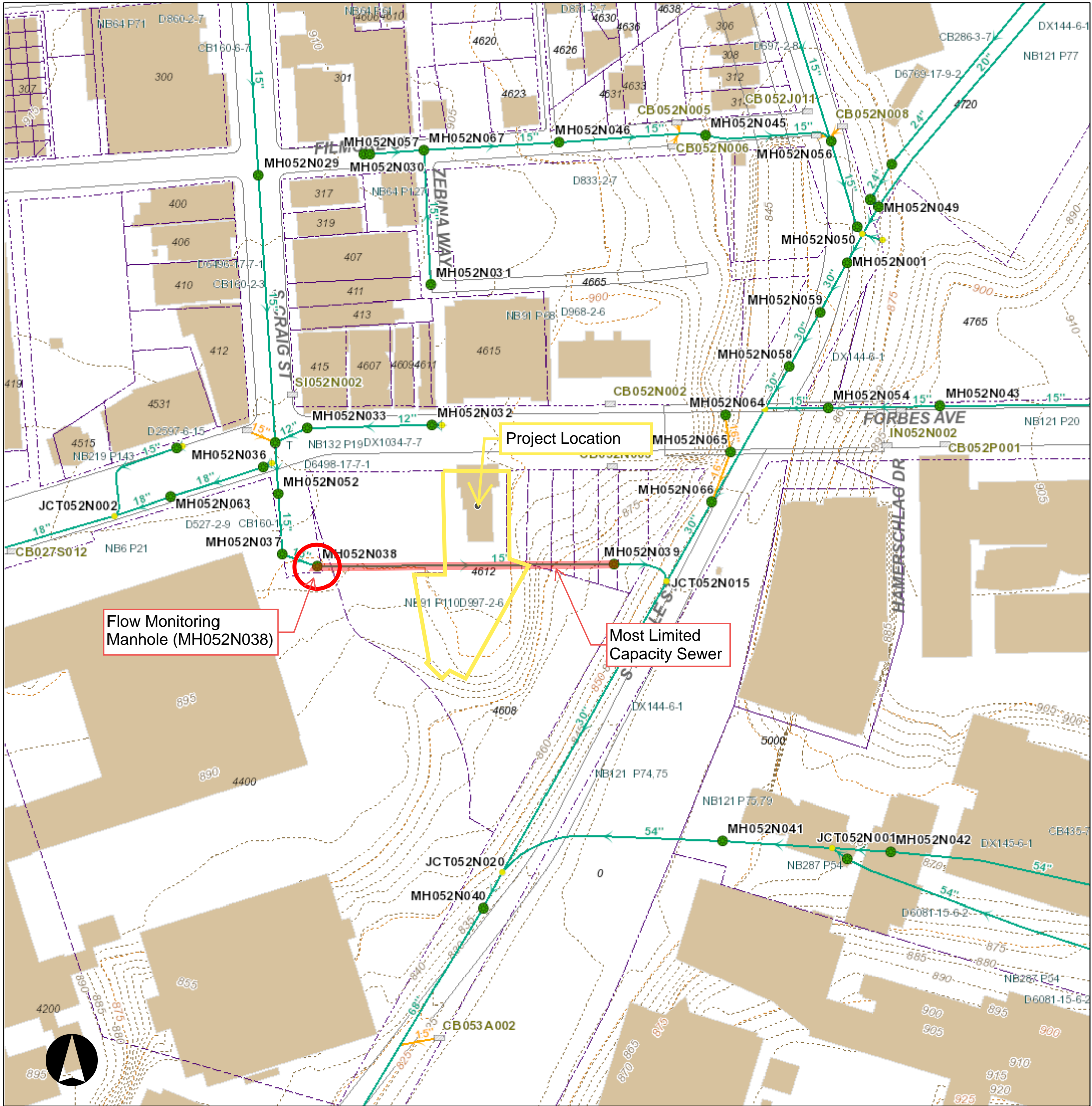
PROJECT NAME: 4612 Forbes Ave
 PWSA PROJECT NUMBER: DEV-224-0123
 PWSA REVIEWER: Midori Bridges
 DATE: April 10, 2020

LEGEND:
 Output Data
 Input Data
 Questionable Data
 Hydraulically Limited Sewer

Upstream MH	Downstream MH	Upstream Invert	Downstream Invert	Length, ft	Diam., in.	Material	n	Area, sf	Wetted P, ft	Slope	Flow, gpd
MH052N038	MH052N039	880.00	843.13	321.31	15	VCP	0.015	1.23	3.927	11.47%	12,289,512
MH052N039	JCT052N015	843.13	824.54	66.46	15	VCP	0.015	1.23	3.927	27.98%	19,190,664
JCT052N015	JCT052N020	824.54	810.10	361.44	30	Brick	0.016	4.91	7.854	4.00%	43,168,523
JCT052N020	MH052N040	810.10	809.94	43.75	68	Brick	0.016	25.22	17.802	0.37%	115,790,540
MH052N040	MH053A001	809.94	794.34	722.68	68	Brick	0.016	25.22	17.802	2.16%	281,314,034
MH053A001	MH028H030	794.34	784.10	577.32	68	Brick	0.016	25.22	17.802	1.77%	255,002,122
MH028H030	MH028H001	784.10	780.18	160.82	81	RCP	0.013	35.78	21.206	2.44%	586,617,079
MH028H001	JCT028H099	780.18	780.00	6.56	84	RCP	0.013	38.48	21.991	2.74%	685,778,834
JCT028H099	MH028H015	780.00	774.62	350.38	81.5	RCP	0.013	36.23	21.337	1.54%	473,293,007
MH028H015	JCT028H005	774.62	772.10	46.69	88	RCP	0.013	42.24	23.038	5.40%	1,088,839,265
JCT028H005	MH028M002	772.10	765.57	579.94	88	RCP	0.013	42.24	23.038	1.13%	497,325,238
MH028M002	MH028M010	765.57	757.45	502.68	91	RCP	0.013	45.17	23.824	1.62%	651,374,729
MH028M010	MH028S002	757.45	751.36	397.11	91	RCP	0.013	45.17	23.824	1.53%	634,675,784
MH028S002	MH029D036	751.36	745.72	441.92	91	RCP	0.013	45.17	23.824	1.28%	578,983,807
MH029D036	JCT029D024	745.72	743.60	174.05	91	RCP	0.013	45.17	23.824	1.22%	565,626,321
JCT029D024	MH029D034	743.60	740.90	202.03	91	RCP	0.013	45.17	23.824	1.34%	592,478,567
MH029D034	MH029H074	740.90	729.55	927.65	91	RCP	0.013	45.17	23.824	1.22%	566,897,511
MH029H074	MH054E003	729.55	726.07	311.74	91	RCP	0.013	45.17	23.824	1.12%	541,492,007
MH054E003	JCT054J004	726.07	720.53	580.91	101	RCP	0.013	55.64	26.442	0.95%	660,915,241
JCT054J004	MH054J006	720.53	720.52	17.10	101	RCP	0.013	55.64	26.442	0.06%	163,661,775
MH054J006	MH029M021	720.52	715.96	495.35	135	RCP	0.013	99.40	35.343	0.92%	1,407,682,467
MH029M021	JCT029M003	715.96	715.62	6.42	144	RCP	0.013	113.10	37.699	5.30%	4,010,454,294
JCT029M003	ADC029SM29	715.62	709.66	1028.27	168	RCP	0.013	153.94	43.982	0.58%	2,001,317,285

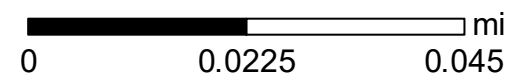
Material	n
PVC	0.010
DIP	0.012
Concrete	0.013
VCP	0.015
Brick	0.016

4612 Forbes MLCS GIS



Legend

- | | | | |
|--------------|--|--|--------------|
| | | | |
| WATER | | | SEWER |



Neither the City of Pittsburgh nor the PWSA guarantees the accuracy of any of the information hereby made available, including but not limited to information concerning the location and condition of underground structures, and neither assumes any responsibility for any conclusions or interpretations made on the basis of such information. COP and PWSA assume no responsibility for any understanding or representations made by their agents or employees unless such understanding or representations are expressly set forth in a duly authorized written document, and such document expressly provides that responsibility therefore is assumed by the City or the PWSA.

Date: 4/10/2023

Start Date: 5/13/2023

End Date: 6/11/2023
Period: May 13, 2023 thro

Project ID: 4612 Forbes Ave
SITE ID: MH052N038

Month: May
Year: 2023

Line Size (inches): 15
Manhole Depth (inches)

Days: 30

Meter #:
Site ID: MH052N038
Location: Park on Village Rd

Rain Data: 3RWW
Gauge Location: 150138

Permittee Name: 0
NPDES Permit #: 0
Municipality: 0
County: 0

ugh June 11, 2023

Site ID: **MH052N038**

Start Date: 5/13/2023

End Date: 6/11/2023

Date	Time	Head (in)	Velocity (FpS)	Flow (MGD)	Rain (in)
5/13/2023	12:00 AM	1.14	0.81	0.022	0.00
	12:05 AM	1.10	0.32	0.008	
	12:10 AM	1.20	0.93	0.027	
	12:15 AM	0.85	0.16	0.003	0.00
	12:20 AM	1.07	0.50	0.013	
	12:25 AM	1.44	0.49	0.019	
	12:30 AM	1.11	0.84	0.022	0.00
	12:35 AM	1.40	0.69	0.026	
	12:40 AM	1.16	0.70	0.020	
	12:45 AM	1.04	0.55	0.013	0.00
	12:50 AM	1.14	0.68	0.019	
	12:55 AM	1.24	0.85	0.026	
	1:00 AM	0.99	0.67	0.015	0.00
	1:05 AM	1.29	0.72	0.024	
	1:10 AM	1.33	0.54	0.019	
	1:15 AM	1.26	0.54	0.017	0.00
	1:20 AM	0.95	0.47	0.010	
	1:25 AM	0.90	0.64	0.012	
	1:30 AM	0.67	0.02	0.000	0.00
	1:35 AM	0.80	0.61	0.010	
	1:40 AM	1.00	0.32	0.007	
	1:45 AM	0.81	0.15	0.002	0.00
	1:50 AM	0.76	0.30	0.005	
	1:55 AM	0.79	0.30	0.005	
	2:00 AM	0.71	0.16	0.002	0.00
	2:05 AM	0.91	0.48	0.009	
	2:10 AM	0.53	0.32	0.003	
	2:15 AM	0.73	0.49	0.007	0.00
	2:20 AM	0.71	0.21	0.003	
	2:25 AM	0.76	0.38	0.006	
	2:30 AM	1.19	0.36	0.010	0.00
	2:35 AM	0.43	0.10	0.001	
	2:40 AM	0.96	0.15	0.003	
	2:45 AM	0.69	0.52	0.007	0.00
	2:50 AM	0.87	0.68	0.013	
	2:55 AM	0.55	0.34	0.003	
	3:00 AM	0.83	0.30	0.005	0.00
	3:05 AM	0.48	0.42	0.003	
	3:10 AM	0.81	0.20	0.003	
	3:15 AM	0.68	0.18	0.002	0.00
3:20 AM	0.35	0.22	0.001		
3:25 AM	0.82	0.31	0.005		
3:30 AM	0.73	0.16	0.002	0.00	
3:35 AM	0.36	0.54	0.003		
3:40 AM	0.68	0.23	0.003		

3:45 AM	0.63	0.41	0.005	0.00
3:50 AM	0.65	0.46	0.006	
3:55 AM	0.60	0.17	0.002	
4:00 AM	0.68	0.60	0.008	0.00
4:05 AM	0.21	0.11	0.000	
4:10 AM	0.82	0.19	0.003	
4:15 AM	0.46	0.40	0.003	0.00
4:20 AM	0.63	0.26	0.003	
4:25 AM	0.36	0.30	0.001	
4:30 AM	0.64	0.01	0.000	0.00
4:35 AM	0.45	0.39	0.003	
4:40 AM	0.77	0.01	0.000	
4:45 AM	0.72	0.24	0.003	0.00
4:50 AM	0.58	0.43	0.004	
4:55 AM	0.47	0.26	0.002	
5:00 AM	0.48	0.37	0.003	0.00
5:05 AM	0.54	0.15	0.001	
5:10 AM	0.47	0.45	0.003	
5:15 AM	0.48	0.50	0.004	0.00
5:20 AM	0.45	0.08	0.001	
5:25 AM	0.78	0.28	0.004	
5:30 AM	0.37	0.33	0.002	0.00
5:35 AM	0.37	0.41	0.002	
5:40 AM	0.77	0.03	0.000	
5:45 AM	0.24	0.57	0.002	0.00
5:50 AM	0.23	0.13	0.000	
5:55 AM	0.54	0.15	0.001	
6:00 AM	0.61	0.52	0.006	0.00
6:05 AM	0.62	0.04	0.000	
6:10 AM	0.51	0.34	0.003	
6:15 AM	0.62	0.51	0.006	0.00
6:20 AM	0.58	0.09	0.001	
6:25 AM	0.72	0.18	0.003	
6:30 AM	0.62	0.48	0.005	0.00
6:35 AM	0.53	0.48	0.004	
6:40 AM	0.55	0.28	0.003	
6:45 AM	0.68	0.42	0.005	0.00
6:50 AM	0.55	0.39	0.004	
6:55 AM	0.74	0.21	0.003	
7:00 AM	0.70	0.29	0.004	0.00
7:05 AM	0.72	0.72	0.010	
7:10 AM	0.65	0.48	0.006	
7:15 AM	0.78	0.29	0.005	0.01
7:20 AM	0.87	0.49	0.009	
7:25 AM	1.20	0.44	0.013	
7:30 AM	0.99	0.68	0.015	0.00
7:35 AM	0.99	0.75	0.017	
7:40 AM	0.64	0.16	0.002	
7:45 AM	0.99	0.96	0.021	0.00
7:50 AM	1.21	0.22	0.007	
7:55 AM	1.07	0.82	0.021	

8:00 AM	1.54	0.26	0.011	0.00
8:05 AM	0.82	0.81	0.014	
8:10 AM	1.19	0.63	0.019	
8:15 AM	1.12	0.67	0.018	0.01
8:20 AM	1.29	0.76	0.025	
8:25 AM	1.48	0.87	0.035	
8:30 AM	1.14	0.83	0.023	0.01
8:35 AM	1.32	0.80	0.027	
8:40 AM	1.40	0.53	0.020	
8:45 AM	1.24	0.58	0.018	0.01
8:50 AM	1.48	1.02	0.041	
8:55 AM	1.21	0.60	0.018	
9:00 AM	1.85	0.74	0.041	0.01
9:05 AM	1.63	1.13	0.053	
9:10 AM	1.51	0.63	0.026	
9:15 AM	1.52	1.00	0.042	0.01
9:20 AM	1.70	1.01	0.050	
9:25 AM	1.82	0.86	0.047	
9:30 AM	1.33	0.75	0.026	0.01
9:35 AM	1.59	0.91	0.041	
9:40 AM	1.59	0.66	0.030	
9:45 AM	1.45	1.07	0.042	0.01
9:50 AM	1.58	0.48	0.021	
9:55 AM	1.55	1.16	0.050	
10:00 AM	1.44	0.84	0.033	0.00
10:05 AM	1.54	0.99	0.042	
10:10 AM	1.86	0.70	0.040	
10:15 AM	1.96	0.78	0.048	0.00
10:20 AM	1.66	0.95	0.045	
10:25 AM	1.79	0.93	0.050	
10:30 AM	1.84	0.83	0.046	0.00
10:35 AM	1.65	0.93	0.044	
10:40 AM	1.75	0.84	0.044	
10:45 AM	2.03	0.77	0.049	0.00
10:50 AM	2.03	0.93	0.060	
10:55 AM	1.78	1.09	0.058	
11:00 AM	1.77	0.63	0.033	0.01
11:05 AM	1.79	1.06	0.057	
11:10 AM	2.13	1.19	0.082	
11:15 AM	2.11	0.79	0.054	0.01
11:20 AM	1.83	0.87	0.048	
11:25 AM	1.71	0.90	0.045	
11:30 AM	1.69	1.00	0.049	0.01
11:35 AM	1.84	1.79	0.100	
11:40 AM	2.02	3.74	0.239	
11:45 AM	4.19	7.37	1.337	0.03
11:50 AM	5.09	7.77	1.843	
11:55 AM	5.17	7.63	1.849	
12:00 PM	4.72	7.78	1.661	0.00
12:05 PM	4.36	7.42	1.422	
12:10 PM	6.16	8.22	2.525	

12:15 PM	5.26	7.90	1.959	0.00
12:20 PM	2.06	7.05	0.465	
12:25 PM	1.89	2.75	0.159	
12:30 PM	1.31	2.84	0.097	0.00
12:35 PM	1.78	1.16	0.062	
12:40 PM	1.82	0.89	0.049	
12:45 PM	1.87	0.78	0.044	0.00
12:50 PM	1.41	0.81	0.031	
12:55 PM	1.88	0.55	0.032	
1:00 PM	1.74	0.99	0.051	0.00
1:05 PM	1.61	0.94	0.043	
1:10 PM	1.61	0.88	0.040	
1:15 PM	1.96	1.06	0.065	0.00
1:20 PM	1.38	0.65	0.024	
1:25 PM	1.94	0.90	0.054	
1:30 PM	1.51	0.92	0.038	0.00
1:35 PM	1.83	0.81	0.045	
1:40 PM	1.27	1.04	0.034	
1:45 PM	2.02	0.84	0.054	0.00
1:50 PM	1.46	0.70	0.028	
1:55 PM	2.09	0.87	0.058	
2:00 PM	1.06	1.00	0.025	0.00
2:05 PM	1.57	0.44	0.019	
2:10 PM	1.75	0.79	0.041	
2:15 PM	1.65	0.71	0.034	0.00
2:20 PM	1.66	0.91	0.044	
2:25 PM	1.50	0.91	0.037	
2:30 PM	1.98	0.94	0.058	0.00
2:35 PM	2.11	0.98	0.067	
2:40 PM	2.06	0.89	0.058	
2:45 PM	1.85	0.94	0.053	0.01
2:50 PM	2.19	1.00	0.072	
2:55 PM	1.81	0.86	0.046	
3:00 PM	1.89	0.85	0.049	0.01
3:05 PM	1.64	0.86	0.040	
3:10 PM	2.03	0.62	0.040	
3:15 PM	1.77	1.01	0.053	0.01
3:20 PM	2.01	0.59	0.037	
3:25 PM	1.96	0.95	0.058	
3:30 PM	1.71	0.81	0.041	0.01
3:35 PM	1.76	0.69	0.036	
3:40 PM	1.81	1.12	0.061	
3:45 PM	2.21	0.92	0.067	0.01
3:50 PM	1.98	0.71	0.044	
3:55 PM	1.89	0.99	0.057	
4:00 PM	2.10	0.79	0.054	0.00
4:05 PM	1.62	1.04	0.048	
4:10 PM	2.02	0.93	0.059	
4:15 PM	1.90	0.69	0.041	0.00
4:20 PM	1.73	1.01	0.051	
4:25 PM	1.70	0.88	0.044	

4:30 PM	1.94	0.78	0.047	0.00
4:35 PM	1.63	0.90	0.042	
4:40 PM	1.92	0.64	0.038	
4:45 PM	1.87	0.86	0.049	0.00
4:50 PM	1.42	0.67	0.025	
4:55 PM	1.56	0.67	0.029	
5:00 PM	1.70	0.80	0.040	0.00
5:05 PM	1.76	0.85	0.045	
5:10 PM	1.73	1.14	0.058	
5:15 PM	1.58	0.38	0.017	0.00
5:20 PM	1.82	1.18	0.065	
5:25 PM	1.82	0.57	0.031	
5:30 PM	1.70	1.00	0.050	0.00
5:35 PM	1.52	0.66	0.028	
5:40 PM	1.44	0.61	0.024	
5:45 PM	1.59	0.84	0.038	0.00
5:50 PM	1.53	0.48	0.021	
5:55 PM	1.62	0.65	0.030	
6:00 PM	1.74	0.86	0.044	0.00
6:05 PM	2.04	1.21	0.078	
6:10 PM	1.65	0.92	0.044	
6:15 PM	1.95	0.91	0.055	0.00
6:20 PM	2.11	1.11	0.076	
6:25 PM	1.68	0.93	0.046	
6:30 PM	1.65	0.90	0.043	0.00
6:35 PM	1.58	1.08	0.048	
6:40 PM	1.96	0.75	0.046	
6:45 PM	1.45	0.33	0.013	0.00
6:50 PM	1.49	1.07	0.044	
6:55 PM	1.86	0.95	0.054	
7:00 PM	1.06	0.62	0.015	0.00
7:05 PM	1.94	0.93	0.056	
7:10 PM	1.51	0.82	0.034	
7:15 PM	1.71	0.99	0.049	0.00
7:20 PM	1.59	0.89	0.040	
7:25 PM	1.87	0.80	0.046	
7:30 PM	1.45	1.06	0.042	0.00
7:35 PM	1.71	0.75	0.037	
7:40 PM	1.25	0.66	0.021	
7:45 PM	1.86	0.74	0.042	0.00
7:50 PM	1.38	0.83	0.030	
7:55 PM	1.57	0.68	0.030	
8:00 PM	1.65	0.89	0.042	0.00
8:05 PM	1.36	0.84	0.030	
8:10 PM	1.69	0.59	0.029	
8:15 PM	1.53	1.28	0.055	0.00
8:20 PM	1.43	0.81	0.031	
8:25 PM	1.66	0.74	0.035	
8:30 PM	1.29	0.70	0.023	0.00
8:35 PM	1.35	0.96	0.034	
8:40 PM	1.73	0.93	0.048	

	8:45 PM	1.25	0.65	0.020	0.00
	8:50 PM	1.83	0.74	0.041	
	8:55 PM	1.59	1.09	0.049	
	9:00 PM	1.75	0.74	0.038	0.00
	9:05 PM	1.55	0.93	0.040	
	9:10 PM	1.54	0.93	0.040	
	9:15 PM	1.51	0.37	0.015	0.00
	9:20 PM	1.75	0.87	0.045	
	9:25 PM	1.32	0.72	0.025	
	9:30 PM	1.42	0.98	0.037	0.00
	9:35 PM	1.62	0.52	0.024	
	9:40 PM	1.49	0.78	0.032	
	9:45 PM	1.74	0.96	0.049	0.00
	9:50 PM	1.52	0.73	0.031	
	9:55 PM	1.65	0.86	0.041	
	10:00 PM	1.54	0.77	0.033	0.00
	10:05 PM	1.16	0.62	0.018	
	10:10 PM	1.65	0.75	0.035	
	10:15 PM	1.30	0.89	0.030	0.00
	10:20 PM	1.45	0.74	0.029	
	10:25 PM	1.17	0.71	0.021	
	10:30 PM	1.47	0.70	0.028	0.00
	10:35 PM	1.93	0.99	0.059	
	10:40 PM	1.33	0.75	0.026	
	10:45 PM	1.60	1.02	0.046	0.00
	10:50 PM	1.47	0.76	0.031	
	10:55 PM	1.40	0.84	0.031	
	11:00 PM	1.39	0.64	0.024	0.00
	11:05 PM	1.65	1.17	0.056	
	11:10 PM	1.49	0.57	0.024	
	11:15 PM	1.36	0.86	0.031	0.00
	11:20 PM	1.45	0.72	0.028	
	11:25 PM	1.25	1.02	0.032	
	11:30 PM	1.40	0.51	0.019	0.00
	11:35 PM	1.20	0.54	0.016	
	11:40 PM	1.60	1.16	0.053	
	11:45 PM	0.99	0.46	0.010	0.00
	11:50 PM	1.06	0.87	0.021	
	11:55 PM	1.35	0.48	0.017	
5/14/2023	12:00 AM	1.41	0.83	0.032	0.00
	12:05 AM	1.09	0.71	0.018	
	12:10 AM	1.41	0.47	0.018	
	12:15 AM	0.76	1.01	0.015	0.00
	12:20 AM	1.32	0.35	0.012	
	12:25 AM	1.05	1.09	0.027	
	12:30 AM	1.18	0.30	0.009	0.00
	12:35 AM	1.45	0.79	0.031	
	12:40 AM	0.91	0.65	0.013	
	12:45 AM	1.20	0.34	0.010	0.00
	12:50 AM	0.73	0.81	0.012	
	12:55 AM	0.99	0.45	0.010	

1:00 AM	1.00	0.35	0.008	0.00
1:05 AM	0.96	0.59	0.013	
1:10 AM	0.83	0.50	0.008	
1:15 AM	0.85	0.99	0.018	0.00
1:20 AM	0.94	0.43	0.009	
1:25 AM	1.32	0.38	0.013	
1:30 AM	0.96	0.49	0.011	0.00
1:35 AM	0.69	0.89	0.012	
1:40 AM	1.12	0.48	0.013	
1:45 AM	0.88	1.04	0.020	0.00
1:50 AM	0.79	0.38	0.006	
1:55 AM	1.00	0.47	0.011	
2:00 AM	0.63	0.47	0.005	0.00
2:05 AM	0.52	0.77	0.007	
2:10 AM	0.93	0.70	0.014	
2:15 AM	0.81	0.17	0.003	0.00
2:20 AM	0.57	0.78	0.008	
2:25 AM	0.80	0.64	0.011	
2:30 AM	0.70	0.25	0.003	0.00
2:35 AM	0.51	0.60	0.005	
2:40 AM	1.01	0.51	0.012	
2:45 AM	0.65	0.64	0.008	0.00
2:50 AM	0.85	0.45	0.008	
2:55 AM	0.50	0.73	0.006	
3:00 AM	0.88	0.14	0.003	0.00
3:05 AM	0.64	0.32	0.004	
3:10 AM	0.60	0.41	0.004	
3:15 AM	0.38	0.28	0.002	0.00
3:20 AM	0.57	0.58	0.006	
3:25 AM	0.39	0.38	0.002	
3:30 AM	0.56	0.54	0.005	0.00
3:35 AM	0.90	0.43	0.008	
3:40 AM	0.48	0.19	0.002	
3:45 AM	0.48	0.48	0.004	0.00
3:50 AM	0.64	0.64	0.007	
3:55 AM	0.55	0.31	0.003	
4:00 AM	0.53	0.45	0.004	0.00
4:05 AM	0.41	0.52	0.003	
4:10 AM	0.47	0.35	0.003	
4:15 AM	0.75	0.66	0.010	0.00
4:20 AM	0.46	0.02	0.000	
4:25 AM	0.55	0.93	0.009	
4:30 AM	0.57	0.18	0.002	0.00
4:35 AM	0.52	0.33	0.003	
4:40 AM	0.26	0.74	0.002	
4:45 AM	0.81	0.31	0.005	0.00
4:50 AM	0.53	0.66	0.006	
4:55 AM	0.57	0.14	0.001	
5:00 AM	0.36	0.48	0.002	0.00
5:05 AM	0.36	0.66	0.003	
5:10 AM	0.33	0.51	0.002	

5:15 AM	0.71	0.55	0.008	0.00
5:20 AM	0.79	0.45	0.007	
5:25 AM	0.28	0.38	0.001	
5:30 AM	0.40	0.43	0.003	0.00
5:35 AM	0.59	0.45	0.005	
5:40 AM	0.35	0.34	0.002	
5:45 AM	0.50	0.62	0.005	0.00
5:50 AM	0.38	0.35	0.002	
5:55 AM	0.67	0.32	0.004	
6:00 AM	0.55	0.74	0.007	0.00
6:05 AM	0.61	0.29	0.003	
6:10 AM	0.43	0.43	0.003	
6:15 AM	0.40	0.74	0.004	0.00
6:20 AM	0.38	0.57	0.003	
6:25 AM	0.78	0.21	0.003	
6:30 AM	0.46	0.72	0.005	0.00
6:35 AM	0.50	0.29	0.002	
6:40 AM	0.43	0.49	0.003	
6:45 AM	0.70	0.35	0.005	0.00
6:50 AM	0.72	0.91	0.013	
6:55 AM	0.21	0.46	0.001	
7:00 AM	0.79	0.23	0.004	0.00
7:05 AM	0.61	0.60	0.007	
7:10 AM	0.82	0.75	0.013	
7:15 AM	0.77	0.66	0.010	0.00
7:20 AM	0.69	0.58	0.008	
7:25 AM	1.09	0.59	0.015	
7:30 AM	0.65	0.67	0.008	0.00
7:35 AM	0.79	0.65	0.010	
7:40 AM	0.83	0.43	0.007	
7:45 AM	1.01	0.78	0.018	0.00
7:50 AM	0.98	0.77	0.017	
7:55 AM	1.04	0.61	0.015	
8:00 AM	0.57	0.63	0.006	0.00
8:05 AM	1.12	0.83	0.022	
8:10 AM	1.29	0.42	0.014	
8:15 AM	0.92	1.06	0.021	0.00
8:20 AM	1.08	0.51	0.013	
8:25 AM	1.34	0.80	0.028	
8:30 AM	1.32	0.71	0.024	0.00
8:35 AM	1.07	0.45	0.011	
8:40 AM	1.59	0.87	0.039	
8:45 AM	1.28	1.17	0.038	0.00
8:50 AM	1.51	0.46	0.019	
8:55 AM	1.03	0.83	0.020	
9:00 AM	1.29	1.05	0.035	0.00
9:05 AM	1.60	0.66	0.030	
9:10 AM	1.40	1.11	0.042	
9:15 AM	1.45	0.81	0.032	0.00
9:20 AM	1.81	1.11	0.060	
9:25 AM	1.62	0.78	0.036	

9:30 AM	1.30	0.67	0.023	0.00
9:35 AM	1.89	1.23	0.071	
9:40 AM	1.39	0.89	0.033	
9:45 AM	1.45	0.59	0.023	0.00
9:50 AM	1.71	1.13	0.057	
9:55 AM	1.97	1.04	0.064	
10:00 AM	1.78	1.22	0.065	0.00
10:05 AM	2.09	1.13	0.076	
10:10 AM	2.10	0.66	0.044	
10:15 AM	1.57	0.99	0.044	0.00
10:20 AM	1.78	1.18	0.063	
10:25 AM	2.01	0.70	0.044	
10:30 AM	2.03	0.97	0.062	0.00
10:35 AM	1.99	1.10	0.069	
10:40 AM	1.36	0.87	0.031	
10:45 AM	1.99	1.13	0.071	0.00
10:50 AM	1.97	0.98	0.060	
10:55 AM	2.04	0.94	0.060	
11:00 AM	1.67	0.91	0.044	0.00
11:05 AM	2.53	1.26	0.111	
11:10 AM	1.76	1.38	0.072	
11:15 AM	2.04	0.76	0.049	0.00
11:20 AM	1.88	1.00	0.057	
11:25 AM	2.02	0.73	0.046	
11:30 AM	1.75	1.18	0.061	0.00
11:35 AM	2.02	0.84	0.053	
11:40 AM	1.85	1.34	0.075	
11:45 AM	1.96	0.98	0.060	0.00
11:50 AM	2.00	0.73	0.046	
11:55 AM	1.90	1.19	0.070	
12:00 PM	1.99	0.70	0.044	0.00
12:05 PM	1.88	0.99	0.057	
12:10 PM	1.85	0.96	0.054	
12:15 PM	2.21	0.78	0.057	0.00
12:20 PM	1.39	1.13	0.042	
12:25 PM	2.11	0.94	0.064	
12:30 PM	1.74	1.04	0.053	0.00
12:35 PM	1.76	0.93	0.048	
12:40 PM	2.01	1.06	0.067	
12:45 PM	1.91	0.71	0.042	0.00
12:50 PM	1.51	0.76	0.032	
12:55 PM	1.84	0.77	0.043	
1:00 PM	1.69	0.84	0.041	0.00
1:05 PM	1.56	0.86	0.037	
1:10 PM	1.93	0.48	0.029	
1:15 PM	1.38	1.09	0.040	0.00
1:20 PM	1.63	0.53	0.025	
1:25 PM	1.41	1.05	0.040	
1:30 PM	1.38	0.61	0.022	0.00
1:35 PM	1.40	0.76	0.028	
1:40 PM	1.58	0.59	0.026	

1:45 PM	1.78	1.26	0.066	0.00
1:50 PM	1.84	0.55	0.030	
1:55 PM	1.60	0.74	0.034	
2:00 PM	1.41	0.67	0.025	0.00
2:05 PM	1.41	0.93	0.035	
2:10 PM	1.77	1.33	0.070	
2:15 PM	1.55	0.71	0.031	0.00
2:20 PM	1.78	1.14	0.061	
2:25 PM	1.46	0.56	0.022	
2:30 PM	1.84	1.00	0.056	0.00
2:35 PM	2.22	1.17	0.085	
2:40 PM	1.45	0.78	0.031	
2:45 PM	1.61	0.92	0.042	0.00
2:50 PM	1.82	0.84	0.046	
2:55 PM	1.76	0.72	0.037	
3:00 PM	1.79	0.98	0.052	0.00
3:05 PM	1.40	1.05	0.039	
3:10 PM	1.64	0.95	0.045	
3:15 PM	1.38	0.52	0.019	0.00
3:20 PM	1.50	1.15	0.047	
3:25 PM	1.92	0.69	0.041	
3:30 PM	1.57	1.04	0.046	0.00
3:35 PM	1.43	0.69	0.027	
3:40 PM	1.67	0.86	0.042	
3:45 PM	1.42	0.79	0.030	0.00
3:50 PM	1.80	1.01	0.054	
3:55 PM	1.48	0.88	0.036	
4:00 PM	1.13	0.52	0.014	0.00
4:05 PM	1.40	0.78	0.029	
4:10 PM	1.56	1.08	0.047	
4:15 PM	1.31	0.82	0.028	0.00
4:20 PM	1.32	0.71	0.024	
4:25 PM	1.61	0.67	0.031	
4:30 PM	1.14	0.70	0.019	0.00
4:35 PM	1.39	0.40	0.015	
4:40 PM	1.20	0.60	0.018	
4:45 PM	1.59	0.76	0.034	0.00
4:50 PM	1.28	1.00	0.032	
4:55 PM	1.48	0.64	0.026	
5:00 PM	1.46	0.98	0.039	0.00
5:05 PM	1.24	0.80	0.025	
5:10 PM	1.39	0.91	0.034	
5:15 PM	1.93	0.93	0.056	0.00
5:20 PM	1.43	0.68	0.026	
5:25 PM	1.28	0.74	0.024	
5:30 PM	1.53	0.98	0.041	0.00
5:35 PM	1.41	0.74	0.028	
5:40 PM	1.29	0.77	0.026	
5:45 PM	1.31	0.58	0.020	0.00
5:50 PM	1.19	0.83	0.024	
5:55 PM	1.66	0.63	0.030	

6:00 PM	1.43	0.87	0.034	0.00
6:05 PM	1.24	0.64	0.020	
6:10 PM	1.13	0.95	0.026	
6:15 PM	1.63	0.99	0.046	0.00
6:20 PM	1.41	0.75	0.028	
6:25 PM	1.32	1.01	0.035	
6:30 PM	1.55	0.92	0.040	0.00
6:35 PM	1.81	1.09	0.059	
6:40 PM	1.27	0.76	0.024	
6:45 PM	1.47	0.71	0.029	0.00
6:50 PM	1.45	0.92	0.036	
6:55 PM	1.61	0.78	0.036	
7:00 PM	1.60	1.13	0.051	0.00
7:05 PM	1.73	0.90	0.046	
7:10 PM	1.75	0.78	0.040	
7:15 PM	1.83	1.19	0.066	0.00
7:20 PM	1.49	0.75	0.030	
7:25 PM	1.44	0.84	0.033	
7:30 PM	1.48	0.92	0.037	0.00
7:35 PM	1.92	0.89	0.053	
7:40 PM	1.53	0.79	0.034	
7:45 PM	1.77	1.09	0.058	0.00
7:50 PM	1.73	0.88	0.045	
7:55 PM	1.81	1.13	0.062	
8:00 PM	1.97	1.29	0.080	0.00
8:05 PM	1.87	0.93	0.053	
8:10 PM	1.74	0.93	0.047	
8:15 PM	1.72	0.90	0.045	0.00
8:20 PM	1.83	1.05	0.058	
8:25 PM	1.98	1.09	0.068	
8:30 PM	1.83	0.66	0.037	0.00
8:35 PM	1.89	1.31	0.076	
8:40 PM	1.72	0.93	0.047	
8:45 PM	2.12	0.97	0.067	0.00
8:50 PM	1.94	0.98	0.059	
8:55 PM	1.67	1.03	0.050	
9:00 PM	2.08	1.03	0.069	0.00
9:05 PM	2.22	1.03	0.075	
9:10 PM	1.85	1.15	0.065	
9:15 PM	1.92	0.90	0.053	0.00
9:20 PM	1.97	1.15	0.071	
9:25 PM	1.92	0.83	0.049	
9:30 PM	1.73	0.95	0.048	0.00
9:35 PM	1.67	1.16	0.056	
9:40 PM	2.04	0.95	0.062	
9:45 PM	2.06	0.78	0.051	0.00
9:50 PM	1.98	1.13	0.070	
9:55 PM	1.78	0.94	0.050	
10:00 PM	1.78	0.88	0.047	0.00
10:05 PM	1.57	0.81	0.035	
10:10 PM	1.24	0.74	0.023	

5/15/2023

10:15 PM	1.65	1.03	0.049	0.00
10:20 PM	1.53	0.58	0.025	
10:25 PM	1.67	0.98	0.047	
10:30 PM	1.87	1.17	0.066	0.00
10:35 PM	1.88	1.05	0.061	
10:40 PM	1.51	1.17	0.048	
10:45 PM	1.93	0.94	0.056	0.00
10:50 PM	1.33	0.84	0.029	
10:55 PM	1.74	0.70	0.036	
11:00 PM	1.40	0.72	0.027	0.00
11:05 PM	1.27	0.61	0.020	
11:10 PM	1.33	0.86	0.030	
11:15 PM	1.57	0.58	0.026	0.00
11:20 PM	1.53	0.68	0.029	
11:25 PM	1.25	1.12	0.035	
11:30 PM	1.42	0.69	0.026	0.00
11:35 PM	1.35	0.77	0.027	
11:40 PM	1.23	0.73	0.022	
11:45 PM	1.05	0.68	0.017	0.00
11:50 PM	1.24	0.68	0.021	
11:55 PM	1.24	0.52	0.016	
12:00 AM	0.80	0.27	0.004	0.00
12:05 AM	1.45	0.47	0.018	
12:10 AM	1.01	0.80	0.018	
12:15 AM	0.77	0.51	0.008	0.00
12:20 AM	1.18	0.38	0.011	
12:25 AM	1.04	0.38	0.009	
12:30 AM	1.10	0.50	0.013	0.00
12:35 AM	0.99	0.77	0.017	
12:40 AM	0.70	0.43	0.006	
12:45 AM	0.96	0.43	0.009	0.00
12:50 AM	1.16	0.49	0.014	
12:55 AM	0.55	0.25	0.002	
1:00 AM	1.07	0.22	0.006	0.00
1:05 AM	0.53	1.00	0.009	
1:10 AM	0.88	0.18	0.003	
1:15 AM	1.01	0.54	0.012	0.00
1:20 AM	0.73	0.60	0.009	
1:25 AM	0.72	0.17	0.002	
1:30 AM	0.46	0.36	0.003	0.00
1:35 AM	0.94	0.58	0.012	
1:40 AM	0.58	0.60	0.006	
1:45 AM	0.96	0.17	0.004	0.00
1:50 AM	0.33	0.60	0.003	
1:55 AM	0.93	0.05	0.001	
2:00 AM	0.72	0.59	0.008	0.00
2:05 AM	0.47	0.32	0.002	
2:10 AM	0.69	0.56	0.007	
2:15 AM	0.24	0.01	0.000	0.00
2:20 AM	0.62	0.46	0.005	
2:25 AM	0.75	0.64	0.010	

2:30 AM	0.53	0.17	0.002	0.00
2:35 AM	0.11	0.13	0.000	
2:40 AM	0.58	0.27	0.003	
2:45 AM	0.55	0.49	0.005	0.00
2:50 AM	0.46	0.13	0.001	
2:55 AM	0.57	0.47	0.005	
3:00 AM	0.35	0.41	0.002	0.00
3:05 AM	0.60	0.44	0.005	
3:10 AM	0.49	0.48	0.004	
3:15 AM	0.43	0.27	0.002	0.00
3:20 AM	0.35	0.13	0.001	
3:25 AM	0.21	0.45	0.001	
3:30 AM	0.63	0.34	0.004	0.00
3:35 AM	0.28	0.23	0.001	
3:40 AM	0.62	0.61	0.007	
3:45 AM	0.32	0.20	0.001	0.00
3:50 AM	0.40	0.18	0.001	
3:55 AM	0.05	0.46	0.000	
4:00 AM	0.70	0.18	0.002	0.00
4:05 AM	0.52	0.17	0.001	
4:10 AM	0.17	0.41	0.001	
4:15 AM	0.32	0.07	0.000	0.00
4:20 AM	0.60	0.47	0.005	
4:25 AM	0.44	0.21	0.001	
4:30 AM	0.32	0.59	0.002	0.00
4:35 AM	0.39	0.17	0.001	
4:40 AM	0.40	0.44	0.003	
4:45 AM	0.59	0.21	0.002	0.00
4:50 AM	0.24	0.57	0.002	
4:55 AM	0.49	0.41	0.003	
5:00 AM	0.35	0.46	0.002	0.00
5:05 AM	0.56	0.39	0.004	
5:10 AM	0.78	0.39	0.006	
5:15 AM	0.76	0.61	0.009	0.00
5:20 AM	0.11	0.01	0.000	
5:25 AM	0.55	0.62	0.006	
5:30 AM	0.40	0.31	0.002	0.00
5:35 AM	0.70	0.51	0.007	
5:40 AM	0.40	0.48	0.003	
5:45 AM	0.80	0.21	0.003	0.00
5:50 AM	0.49	0.62	0.005	
5:55 AM	0.56	0.55	0.005	
6:00 AM	0.86	0.20	0.004	0.00
6:05 AM	0.61	0.85	0.009	
6:10 AM	0.53	0.39	0.003	
6:15 AM	0.42	0.51	0.003	0.00
6:20 AM	0.97	0.73	0.016	
6:25 AM	0.80	0.23	0.004	
6:30 AM	0.59	0.49	0.005	0.00
6:35 AM	0.83	0.63	0.011	
6:40 AM	1.19	0.82	0.024	

6:45 AM	1.19	0.45	0.013	0.00
6:50 AM	1.35	0.68	0.024	
6:55 AM	1.00	0.76	0.017	
7:00 AM	1.79	0.90	0.048	0.00
7:05 AM	1.30	0.88	0.030	
7:10 AM	1.31	0.46	0.016	
7:15 AM	1.33	0.89	0.031	0.00
7:20 AM	1.13	0.72	0.020	
7:25 AM	1.50	0.64	0.026	
7:30 AM	1.30	0.59	0.020	0.00
7:35 AM	1.20	0.93	0.028	
7:40 AM	2.10	0.86	0.058	
7:45 AM	0.94	0.60	0.012	0.00
7:50 AM	1.82	0.99	0.054	
7:55 AM	1.39	0.78	0.029	
8:00 AM	1.41	0.91	0.034	0.00
8:05 AM	1.85	0.55	0.031	
8:10 AM	1.78	1.00	0.053	
8:15 AM	1.24	0.80	0.025	0.00
8:20 AM	1.56	0.64	0.028	
8:25 AM	1.18	0.65	0.019	
8:30 AM	1.58	0.51	0.023	0.00
8:35 AM	1.45	0.84	0.033	
8:40 AM	1.65	0.44	0.021	
8:45 AM	1.43	0.76	0.029	0.00
8:50 AM	1.53	0.73	0.031	
8:55 AM	1.23	0.51	0.016	
9:00 AM	1.59	0.61	0.027	0.00
9:05 AM	1.64	0.80	0.037	
9:10 AM	1.66	0.75	0.036	
9:15 AM	1.52	0.75	0.031	0.00
9:20 AM	1.66	0.97	0.046	
9:25 AM	1.78	0.74	0.039	
9:30 AM	1.87	0.73	0.041	0.00
9:35 AM	1.38	0.74	0.027	
9:40 AM	1.50	0.75	0.031	
9:45 AM	1.60	0.71	0.032	0.00
9:50 AM	1.34	0.76	0.027	
9:55 AM	1.58	0.72	0.032	
10:00 AM	1.20	0.77	0.023	0.00
10:05 AM	1.50	0.72	0.030	
10:10 AM	1.66	0.91	0.044	
10:15 AM	1.42	0.78	0.030	0.00
10:20 AM	1.83	0.61	0.034	
10:25 AM	1.13	1.08	0.029	
10:30 AM	1.45	0.69	0.027	0.00
10:35 AM	1.75	0.90	0.047	
10:40 AM	1.52	0.28	0.012	
10:45 AM	1.60	1.04	0.047	0.00
10:50 AM	1.15	0.48	0.013	
10:55 AM	1.48	1.10	0.045	

11:00 AM	1.47	0.82	0.033	0.00
11:05 AM	1.23	0.75	0.023	
11:10 AM	1.35	0.53	0.019	
11:15 AM	1.63	0.88	0.041	0.00
11:20 AM	1.25	0.76	0.024	
11:25 AM	1.57	0.59	0.026	
11:30 AM	1.65	1.08	0.051	0.00
11:35 AM	1.12	0.72	0.019	
11:40 AM	1.44	0.79	0.031	
11:45 AM	1.80	0.88	0.048	0.00
11:50 AM	1.47	0.71	0.029	
11:55 AM	1.53	0.97	0.041	
12:00 PM	1.54	0.82	0.035	0.00
12:05 PM	1.59	1.00	0.045	
12:10 PM	1.61	0.66	0.030	
12:15 PM	1.47	0.77	0.031	0.00
12:20 PM	1.60	0.87	0.039	
12:25 PM	1.18	1.01	0.029	
12:30 PM	1.74	0.68	0.035	0.00
12:35 PM	1.54	0.90	0.039	
12:40 PM	1.61	0.61	0.028	
12:45 PM	1.38	0.87	0.032	0.00
12:50 PM	1.03	0.91	0.021	
12:55 PM	1.51	0.77	0.032	
1:00 PM	1.36	0.74	0.027	0.00
1:05 PM	1.69	0.70	0.034	
1:10 PM	1.64	0.88	0.041	
1:15 PM	0.94	0.83	0.017	0.00
1:20 PM	1.41	0.78	0.030	
1:25 PM	1.24	0.53	0.017	
1:30 PM	0.98	0.79	0.018	0.00
1:35 PM	1.16	0.63	0.018	
1:40 PM	1.47	0.95	0.038	
1:45 PM	1.40	0.63	0.023	0.00
1:50 PM	1.51	0.88	0.037	
1:55 PM	1.18	0.83	0.024	
2:00 PM	1.19	0.51	0.015	0.00
2:05 PM	1.29	0.72	0.024	
2:10 PM	1.14	0.74	0.020	
2:15 PM	1.28	0.56	0.018	0.00
2:20 PM	1.15	0.92	0.026	
2:25 PM	1.45	0.58	0.023	
2:30 PM	1.04	0.59	0.014	0.00
2:35 PM	1.68	0.89	0.043	
2:40 PM	0.64	0.68	0.008	
2:45 PM	1.27	0.53	0.017	0.00
2:50 PM	1.16	0.73	0.021	
2:55 PM	1.42	0.88	0.033	
3:00 PM	1.30	0.71	0.024	0.00
3:05 PM	1.24	0.86	0.027	
3:10 PM	1.23	0.83	0.025	

3:15 PM	1.43	0.62	0.024	0.00
3:20 PM	1.19	0.73	0.021	
3:25 PM	1.09	0.59	0.015	
3:30 PM	1.54	0.62	0.026	0.00
3:35 PM	0.98	0.75	0.017	
3:40 PM	1.38	0.52	0.019	
3:45 PM	1.03	0.75	0.018	0.00
3:50 PM	0.98	0.69	0.015	
3:55 PM	1.19	0.73	0.022	
4:00 PM	1.08	0.49	0.012	0.00
4:05 PM	1.13	0.61	0.017	
4:10 PM	0.99	1.00	0.023	
4:15 PM	1.10	0.21	0.006	0.00
4:20 PM	1.12	1.01	0.027	
4:25 PM	1.13	0.51	0.014	
4:30 PM	1.37	0.64	0.023	0.00
4:35 PM	0.77	0.72	0.011	
4:40 PM	1.38	0.68	0.025	
4:45 PM	1.37	0.51	0.019	0.00
4:50 PM	0.96	0.78	0.017	
4:55 PM	1.64	0.67	0.031	
5:00 PM	1.10	0.81	0.021	0.00
5:05 PM	1.76	0.74	0.039	
5:10 PM	1.15	0.68	0.019	
5:15 PM	1.22	0.47	0.014	0.00
5:20 PM	1.16	0.82	0.023	
5:25 PM	1.38	0.81	0.030	
5:30 PM	1.17	0.61	0.018	0.00
5:35 PM	1.42	0.99	0.038	
5:40 PM	1.55	0.72	0.031	
5:45 PM	1.31	0.61	0.021	0.00
5:50 PM	1.23	0.54	0.017	
5:55 PM	1.67	0.89	0.043	
6:00 PM	0.99	0.56	0.013	0.00
6:05 PM	1.75	0.77	0.040	
6:10 PM	1.12	0.62	0.017	
6:15 PM	1.20	0.78	0.023	0.00
6:20 PM	1.40	0.78	0.029	
6:25 PM	1.14	0.77	0.021	
6:30 PM	1.69	0.75	0.037	0.00
6:35 PM	1.16	0.56	0.016	
6:40 PM	1.49	0.95	0.039	
6:45 PM	1.71	0.65	0.032	0.00
6:50 PM	1.29	0.92	0.030	
6:55 PM	1.57	0.71	0.032	
7:00 PM	1.43	0.87	0.033	0.00
7:05 PM	1.54	0.72	0.031	
7:10 PM	1.46	0.98	0.039	
7:15 PM	1.80	0.87	0.047	0.00
7:20 PM	1.68	0.81	0.039	
7:25 PM	1.61	0.80	0.036	

7:30 PM	1.70	0.62	0.031	0.00
7:35 PM	1.48	1.02	0.041	
7:40 PM	2.10	1.10	0.074	
7:45 PM	1.77	0.90	0.047	0.00
7:50 PM	2.09	1.07	0.072	
7:55 PM	1.45	0.78	0.031	
8:00 PM	1.46	0.72	0.028	0.00
8:05 PM	1.62	0.93	0.043	
8:10 PM	1.60	0.75	0.034	
8:15 PM	1.70	0.86	0.043	0.00
8:20 PM	1.84	0.76	0.042	
8:25 PM	1.47	0.55	0.022	
8:30 PM	1.70	0.98	0.049	0.00
8:35 PM	1.61	0.95	0.043	
8:40 PM	1.76	0.51	0.026	
8:45 PM	1.76	1.14	0.059	0.00
8:50 PM	1.55	0.86	0.037	
8:55 PM	1.77	0.63	0.033	
9:00 PM	1.79	0.92	0.049	0.00
9:05 PM	1.55	0.82	0.036	
9:10 PM	1.62	0.61	0.028	
9:15 PM	1.48	1.09	0.044	0.00
9:20 PM	2.22	1.04	0.076	
9:25 PM	1.58	0.79	0.035	
9:30 PM	1.82	0.78	0.043	0.00
9:35 PM	1.88	1.03	0.059	
9:40 PM	1.92	1.20	0.071	
9:45 PM	2.41	1.00	0.082	0.00
9:50 PM	1.97	0.83	0.051	
9:55 PM	1.74	0.82	0.042	
10:00 PM	1.50	1.21	0.050	0.00
10:05 PM	2.11	0.67	0.046	
10:10 PM	1.98	0.90	0.056	
10:15 PM	1.81	0.88	0.048	0.00
10:20 PM	1.39	0.86	0.032	
10:25 PM	2.00	1.02	0.064	
10:30 PM	1.74	0.68	0.035	0.00
10:35 PM	1.47	1.00	0.040	
10:40 PM	1.63	0.50	0.023	
10:45 PM	1.88	1.17	0.067	0.00
10:50 PM	1.48	0.92	0.037	
10:55 PM	1.76	0.49	0.026	
11:00 PM	1.44	0.74	0.029	0.00
11:05 PM	1.15	0.81	0.023	
11:10 PM	1.57	0.57	0.025	
11:15 PM	1.46	0.98	0.039	0.00
11:20 PM	1.79	0.77	0.041	
11:25 PM	1.56	0.68	0.030	
11:30 PM	1.62	0.83	0.039	0.00
11:35 PM	1.38	0.92	0.034	
11:40 PM	1.29	0.35	0.012	

5/16/2023

11:45 PM	1.35	0.90	0.032	0.00
11:50 PM	1.25	0.71	0.022	
11:55 PM	1.14	0.72	0.020	
12:00 AM	1.56	0.47	0.021	0.00
12:05 AM	0.91	0.56	0.011	
12:10 AM	1.55	0.80	0.035	
12:15 AM	0.89	0.37	0.007	0.00
12:20 AM	1.15	0.48	0.014	
12:25 AM	1.07	0.60	0.015	
12:30 AM	1.04	0.72	0.017	0.00
12:35 AM	1.10	0.64	0.017	
12:40 AM	1.18	0.70	0.020	
12:45 AM	1.21	0.52	0.016	0.00
12:50 AM	0.88	0.68	0.013	
12:55 AM	1.09	0.22	0.006	
1:00 AM	1.01	0.86	0.020	0.00
1:05 AM	0.86	0.78	0.014	
1:10 AM	0.98	0.29	0.006	
1:15 AM	0.88	0.76	0.014	0.00
1:20 AM	0.73	0.25	0.004	
1:25 AM	0.92	0.57	0.011	
1:30 AM	1.08	0.69	0.018	0.01
1:35 AM	0.55	0.50	0.005	
1:40 AM	0.92	0.35	0.007	
1:45 AM	0.88	0.42	0.008	0.00
1:50 AM	0.99	0.43	0.009	
1:55 AM	0.80	0.51	0.008	
2:00 AM	0.67	0.40	0.005	0.00
2:05 AM	0.74	0.59	0.009	
2:10 AM	0.71	0.33	0.005	
2:15 AM	0.66	0.50	0.006	0.00
2:20 AM	0.72	0.33	0.005	
2:25 AM	0.73	0.54	0.008	
2:30 AM	0.74	0.41	0.006	0.00
2:35 AM	0.72	0.56	0.008	
2:40 AM	0.38	0.20	0.001	
2:45 AM	0.37	0.56	0.003	0.00
2:50 AM	0.85	0.23	0.004	
2:55 AM	0.55	0.48	0.004	
3:00 AM	0.88	0.56	0.011	0.00
3:05 AM	0.15	0.20	0.000	
3:10 AM	0.70	0.25	0.003	
3:15 AM	0.55	0.38	0.003	0.00
3:20 AM	0.68	0.60	0.008	
3:25 AM	0.64	0.36	0.004	
3:30 AM	0.08	0.39	0.000	0.00
3:35 AM	0.87	0.34	0.006	
3:40 AM	0.36	0.28	0.001	
3:45 AM	0.72	0.50	0.007	0.00
3:50 AM	0.12	0.34	0.000	
3:55 AM	0.96	0.45	0.010	

4:00 AM	0.33	0.46	0.002	0.00
4:05 AM	0.37	0.60	0.003	
4:10 AM	0.51	0.51	0.004	
4:15 AM	0.83	0.18	0.003	0.00
4:20 AM	0.29	0.54	0.002	
4:25 AM	0.94	0.28	0.006	
4:30 AM	0.17	0.39	0.001	0.00
4:35 AM	0.79	0.29	0.005	
4:40 AM	0.40	0.30	0.002	
4:45 AM	0.42	0.62	0.004	0.00
4:50 AM	0.71	0.30	0.004	
4:55 AM	0.49	0.35	0.003	
5:00 AM	0.59	0.39	0.004	0.00
5:05 AM	0.53	0.44	0.004	
5:10 AM	0.36	0.37	0.002	
5:15 AM	0.77	0.36	0.006	0.00
5:20 AM	0.54	0.32	0.003	
5:25 AM	0.69	0.23	0.003	
5:30 AM	0.35	0.74	0.003	0.00
5:35 AM	0.82	0.16	0.003	
5:40 AM	0.53	0.37	0.003	
5:45 AM	0.25	0.43	0.001	0.00
5:50 AM	0.80	0.66	0.011	
5:55 AM	0.99	0.41	0.009	
6:00 AM	0.42	0.88	0.005	0.00
6:05 AM	1.03	0.20	0.005	
6:10 AM	0.70	0.66	0.009	
6:15 AM	0.98	0.64	0.014	0.00
6:20 AM	0.80	0.45	0.007	
6:25 AM	0.58	0.56	0.006	
6:30 AM	1.25	0.77	0.024	0.00
6:35 AM	1.16	0.75	0.021	
6:40 AM	0.83	0.43	0.007	
6:45 AM	0.96	0.73	0.016	0.00
6:50 AM	1.51	0.62	0.026	
6:55 AM	1.13	0.67	0.018	
7:00 AM	1.35	0.90	0.032	0.00
7:05 AM	1.82	0.42	0.023	
7:10 AM	1.37	0.54	0.020	
7:15 AM	1.75	0.74	0.038	0.00
7:20 AM	1.69	0.86	0.043	
7:25 AM	1.47	0.92	0.037	
7:30 AM	1.79	0.74	0.040	0.00
7:35 AM	1.21	1.07	0.032	
7:40 AM	1.69	0.87	0.043	
7:45 AM	1.60	0.63	0.029	0.00
7:50 AM	1.49	0.69	0.028	
7:55 AM	1.62	0.97	0.045	
8:00 AM	1.55	0.79	0.034	0.00
8:05 AM	1.67	0.82	0.039	
8:10 AM	1.76	0.85	0.044	

8:15 AM	1.80	1.09	0.059	0.00
8:20 AM	1.79	0.58	0.031	
8:25 AM	1.89	1.06	0.061	
8:30 AM	1.66	0.67	0.032	0.00
8:35 AM	2.14	1.20	0.083	
8:40 AM	1.58	0.59	0.026	
8:45 AM	1.52	0.92	0.039	0.00
8:50 AM	1.76	1.04	0.054	
8:55 AM	1.58	0.52	0.023	
9:00 AM	2.07	0.95	0.063	0.00
9:05 AM	1.85	0.67	0.038	
9:10 AM	1.76	0.93	0.048	
9:15 AM	1.59	0.76	0.034	0.00
9:20 AM	1.60	0.95	0.043	
9:25 AM	1.85	0.75	0.042	
9:30 AM	1.54	1.06	0.045	0.00
9:35 AM	1.54	0.51	0.022	
9:40 AM	1.90	1.12	0.065	
9:45 AM	1.73	0.98	0.050	0.00
9:50 AM	1.91	1.14	0.067	
9:55 AM	1.21	0.37	0.011	
10:00 AM	1.93	1.00	0.060	0.00
10:05 AM	1.63	0.82	0.038	
10:10 AM	1.95	0.65	0.040	
10:15 AM	1.34	0.73	0.025	0.00
10:20 AM	1.17	0.35	0.010	
10:25 AM	1.63	1.03	0.048	
10:30 AM	1.67	0.76	0.037	0.00
10:35 AM	1.82	0.79	0.043	
10:40 AM	1.37	0.73	0.027	
10:45 AM	1.69	0.58	0.028	0.00
10:50 AM	1.50	0.51	0.021	
10:55 AM	1.44	0.76	0.030	
11:00 AM	1.50	0.89	0.037	0.00
11:05 AM	1.38	0.77	0.028	
11:10 AM	1.97	0.71	0.044	
11:15 AM	1.67	0.42	0.020	0.00
11:20 AM	1.74	0.65	0.033	
11:25 AM	1.61	0.83	0.038	
11:30 AM	1.63	1.21	0.057	0.00
11:35 AM	1.96	0.83	0.051	
11:40 AM	1.63	0.71	0.033	
11:45 AM	1.60	0.67	0.031	0.00
11:50 AM	1.77	0.74	0.039	
11:55 AM	1.73	1.10	0.056	
12:00 PM	1.39	0.60	0.022	0.00
12:05 PM	1.54	0.81	0.035	
12:10 PM	1.61	0.50	0.023	
12:15 PM	1.75	0.86	0.044	0.00
12:20 PM	1.61	0.97	0.044	
12:25 PM	1.63	0.41	0.019	

12:30 PM	1.51	0.89	0.037	0.00
12:35 PM	1.42	0.57	0.022	
12:40 PM	1.58	0.76	0.034	
12:45 PM	1.66	0.50	0.024	0.00
12:50 PM	1.45	0.81	0.032	
12:55 PM	1.24	0.64	0.020	
1:00 PM	1.61	0.82	0.038	0.00
1:05 PM	1.44	0.63	0.025	
1:10 PM	1.42	0.51	0.019	
1:15 PM	1.20	0.68	0.020	0.00
1:20 PM	1.24	0.75	0.023	
1:25 PM	1.66	0.50	0.024	
1:30 PM	1.29	0.65	0.021	0.00
1:35 PM	1.20	0.70	0.021	
1:40 PM	1.39	0.45	0.017	
1:45 PM	1.56	0.64	0.028	0.00
1:50 PM	1.29	0.75	0.025	
1:55 PM	1.41	0.58	0.022	
2:00 PM	2.08	0.89	0.059	0.00
2:05 PM	1.35	0.58	0.020	
2:10 PM	1.68	0.83	0.041	
2:15 PM	1.54	0.48	0.021	0.00
2:20 PM	1.28	0.74	0.024	
2:25 PM	1.45	0.73	0.029	
2:30 PM	1.74	0.62	0.032	0.00
2:35 PM	1.27	0.69	0.022	
2:40 PM	1.23	0.76	0.024	
2:45 PM	1.53	0.50	0.021	0.00
2:50 PM	1.20	0.77	0.023	
2:55 PM	1.28	0.31	0.010	
3:00 PM	1.35	0.51	0.018	0.00
3:05 PM	1.27	0.53	0.017	
3:10 PM	1.09	0.42	0.011	
3:15 PM	1.47	0.28	0.011	0.00
3:20 PM	1.30	0.67	0.022	
3:25 PM	1.30	0.56	0.019	
3:30 PM	1.69	0.65	0.032	0.00
3:35 PM	1.31	0.58	0.020	
3:40 PM	1.17	0.54	0.015	
3:45 PM	1.28	0.35	0.011	0.00
3:50 PM	1.20	0.61	0.018	
3:55 PM	1.61	0.80	0.037	
4:00 PM	1.18	0.24	0.007	0.00
4:05 PM	1.63	0.68	0.032	
4:10 PM	1.28	0.79	0.026	
4:15 PM	1.34	0.45	0.016	0.00
4:20 PM	1.42	0.64	0.024	
4:25 PM	1.71	0.65	0.032	
4:30 PM	1.03	0.60	0.014	0.00
4:35 PM	1.67	0.64	0.031	
4:40 PM	1.42	0.66	0.025	

4:45 PM	1.94	0.76	0.046	0.00
4:50 PM	1.68	1.09	0.053	
4:55 PM	1.77	0.60	0.032	
5:00 PM	1.80	0.75	0.040	0.00
5:05 PM	1.79	0.65	0.035	
5:10 PM	1.40	0.85	0.032	
5:15 PM	1.79	0.84	0.045	0.00
5:20 PM	1.62	0.53	0.024	
5:25 PM	1.58	0.58	0.026	
5:30 PM	1.52	0.88	0.037	0.00
5:35 PM	1.46	0.56	0.022	
5:40 PM	1.62	0.58	0.027	
5:45 PM	1.63	0.63	0.029	0.00
5:50 PM	1.62	0.85	0.039	
5:55 PM	1.78	0.73	0.039	
6:00 PM	1.94	0.63	0.038	0.00
6:05 PM	1.60	0.81	0.037	
6:10 PM	1.62	0.78	0.036	
6:15 PM	1.89	0.83	0.048	0.00
6:20 PM	1.62	0.64	0.030	
6:25 PM	1.61	0.53	0.024	
6:30 PM	1.78	0.96	0.051	0.00
6:35 PM	1.87	0.78	0.045	
6:40 PM	1.65	0.37	0.017	
6:45 PM	1.58	0.78	0.035	0.00
6:50 PM	1.71	0.77	0.039	
6:55 PM	1.50	0.77	0.032	
7:00 PM	1.61	0.64	0.029	0.00
7:05 PM	1.55	0.77	0.033	
7:10 PM	1.74	0.76	0.039	
7:15 PM	1.29	0.77	0.026	0.00
7:20 PM	1.72	0.67	0.034	
7:25 PM	1.36	0.60	0.021	
7:30 PM	1.47	0.84	0.034	0.00
7:35 PM	1.68	0.91	0.045	
7:40 PM	1.77	0.72	0.038	
7:45 PM	2.13	0.99	0.068	0.00
7:50 PM	1.87	0.80	0.046	
7:55 PM	1.56	1.16	0.051	
8:00 PM	1.74	0.45	0.023	0.00
8:05 PM	1.92	1.12	0.066	
8:10 PM	1.64	0.64	0.030	
8:15 PM	1.96	0.98	0.059	0.00
8:20 PM	1.87	0.77	0.044	
8:25 PM	1.80	0.87	0.047	
8:30 PM	2.21	1.05	0.077	0.00
8:35 PM	1.76	0.94	0.049	
8:40 PM	2.06	0.83	0.054	
8:45 PM	1.66	0.65	0.031	0.00
8:50 PM	1.84	0.53	0.030	
8:55 PM	2.13	0.90	0.062	

	9:00 PM	1.87	1.00	0.057	0.00
	9:05 PM	2.33	1.08	0.084	
	9:10 PM	1.85	0.87	0.049	
	9:15 PM	1.83	0.69	0.038	0.00
	9:20 PM	2.43	1.08	0.090	
	9:25 PM	2.11	1.17	0.079	
	9:30 PM	1.66	1.09	0.052	0.00
	9:35 PM	2.25	0.54	0.040	
	9:40 PM	2.23	1.14	0.084	
	9:45 PM	2.03	1.05	0.067	0.00
	9:50 PM	2.08	0.93	0.062	
	9:55 PM	2.04	1.09	0.071	
	10:00 PM	2.12	0.93	0.064	0.00
	10:05 PM	2.21	0.92	0.067	
	10:10 PM	1.93	0.82	0.049	
	10:15 PM	1.94	0.99	0.060	0.00
	10:20 PM	2.07	1.01	0.067	
	10:25 PM	1.56	0.85	0.038	
	10:30 PM	2.08	0.93	0.062	0.00
	10:35 PM	1.61	0.93	0.042	
	10:40 PM	1.81	0.60	0.033	
	10:45 PM	1.69	0.69	0.034	0.00
	10:50 PM	1.80	0.70	0.038	
	10:55 PM	1.55	0.74	0.032	
	11:00 PM	1.62	0.76	0.035	0.00
	11:05 PM	1.59	1.26	0.056	
	11:10 PM	2.01	0.50	0.032	
	11:15 PM	1.29	0.86	0.028	0.00
	11:20 PM	1.60	0.59	0.027	
	11:25 PM	1.55	0.75	0.033	
	11:30 PM	1.49	0.60	0.025	0.00
	11:35 PM	1.73	0.63	0.032	
	11:40 PM	1.32	0.91	0.031	
	11:45 PM	1.56	0.56	0.024	0.00
	11:50 PM	1.24	0.42	0.013	
	11:55 PM	1.75	0.78	0.040	
5/17/2023	12:00 AM	1.32	0.64	0.022	0.00
	12:05 AM	1.29	0.46	0.015	
	12:10 AM	1.48	0.94	0.038	
	12:15 AM	1.22	0.65	0.020	0.00
	12:20 AM	1.32	0.71	0.024	
	12:25 AM	1.28	0.50	0.016	
	12:30 AM	1.44	0.43	0.017	0.00
	12:35 AM	0.93	0.94	0.019	
	12:40 AM	1.40	0.55	0.020	
	12:45 AM	1.29	0.62	0.021	0.00
	12:50 AM	1.07	0.62	0.015	
	12:55 AM	0.99	0.69	0.016	
	1:00 AM	1.54	0.35	0.015	0.00
	1:05 AM	0.95	0.67	0.014	
	1:10 AM	1.27	0.45	0.015	

1:15 AM	0.89	0.72	0.014	0.00
1:20 AM	1.11	0.08	0.002	
1:25 AM	1.09	0.46	0.012	
1:30 AM	0.82	0.47	0.008	0.00
1:35 AM	0.90	0.37	0.007	
1:40 AM	0.64	0.50	0.006	
1:45 AM	0.98	0.40	0.009	0.00
1:50 AM	0.92	0.26	0.005	
1:55 AM	1.09	0.44	0.011	
2:00 AM	0.84	0.37	0.007	0.00
2:05 AM	0.91	0.22	0.004	
2:10 AM	0.69	0.41	0.005	
2:15 AM	0.43	0.50	0.003	0.00
2:20 AM	0.87	0.25	0.005	
2:25 AM	0.50	0.31	0.003	
2:30 AM	1.00	0.40	0.009	0.00
2:35 AM	0.66	0.41	0.005	
2:40 AM	0.97	0.55	0.012	
2:45 AM	0.82	0.45	0.008	0.00
2:50 AM	0.84	0.43	0.008	
2:55 AM	0.43	0.06	0.000	
3:00 AM	0.80	0.62	0.010	0.00
3:05 AM	0.51	0.38	0.003	
3:10 AM	0.99	0.29	0.007	
3:15 AM	0.67	0.45	0.006	0.00
3:20 AM	0.67	0.27	0.003	
3:25 AM	0.63	0.42	0.005	
3:30 AM	0.65	0.22	0.003	0.00
3:35 AM	0.67	0.28	0.004	
3:40 AM	0.66	0.45	0.005	
3:45 AM	0.82	0.24	0.004	0.00
3:50 AM	0.88	0.39	0.007	
3:55 AM	0.38	0.26	0.001	
4:00 AM	0.64	0.25	0.003	0.00
4:05 AM	0.59	0.54	0.006	
4:10 AM	0.46	0.04	0.000	
4:15 AM	0.95	0.53	0.011	0.00
4:20 AM	0.60	0.43	0.004	
4:25 AM	0.30	0.25	0.001	
4:30 AM	0.89	0.39	0.007	0.00
4:35 AM	1.04	0.40	0.010	
4:40 AM	0.60	0.43	0.005	
4:45 AM	0.85	0.26	0.005	0.00
4:50 AM	0.61	0.34	0.004	
4:55 AM	0.90	0.55	0.011	
5:00 AM	0.79	0.48	0.008	0.00
5:05 AM	0.72	0.55	0.008	
5:10 AM	0.74	0.48	0.007	
5:15 AM	0.69	0.46	0.006	0.00
5:20 AM	1.00	0.04	0.001	
5:25 AM	0.81	0.77	0.013	

5:30 AM	0.85	0.17	0.003	0.00
5:35 AM	1.03	0.77	0.018	
5:40 AM	0.83	0.47	0.008	
5:45 AM	0.76	0.70	0.011	0.00
5:50 AM	1.07	0.30	0.008	
5:55 AM	0.77	0.53	0.008	
6:00 AM	0.90	0.62	0.012	0.00
6:05 AM	1.06	0.50	0.012	
6:10 AM	0.72	0.38	0.005	
6:15 AM	0.79	0.49	0.008	0.00
6:20 AM	0.92	0.43	0.009	
6:25 AM	0.95	0.56	0.012	
6:30 AM	0.93	0.45	0.009	0.00
6:35 AM	1.26	0.95	0.030	
6:40 AM	1.73	0.44	0.022	
6:45 AM	1.23	1.08	0.033	0.00
6:50 AM	1.67	0.39	0.019	
6:55 AM	1.27	1.01	0.033	
7:00 AM	1.57	0.74	0.033	0.00
7:05 AM	1.81	0.68	0.037	
7:10 AM	1.65	0.94	0.045	
7:15 AM	1.24	0.87	0.027	0.00
7:20 AM	1.58	0.56	0.025	
7:25 AM	1.76	1.03	0.054	
7:30 AM	1.73	0.82	0.042	0.00
7:35 AM	1.56	0.76	0.033	
7:40 AM	1.59	0.84	0.038	
7:45 AM	1.47	0.92	0.037	0.00
7:50 AM	1.99	0.70	0.044	
7:55 AM	1.65	0.77	0.037	
8:00 AM	1.45	1.22	0.048	0.00
8:05 AM	1.67	0.82	0.039	
8:10 AM	1.63	1.03	0.048	
8:15 AM	1.94	0.90	0.054	0.00
8:20 AM	1.63	0.78	0.036	
8:25 AM	1.80	0.80	0.043	
8:30 AM	1.67	0.88	0.042	0.00
8:35 AM	1.52	0.83	0.035	
8:40 AM	1.78	0.76	0.040	
8:45 AM	1.72	0.70	0.036	0.00
8:50 AM	1.70	0.88	0.043	
8:55 AM	1.69	1.05	0.052	
9:00 AM	1.66	0.52	0.025	0.00
9:05 AM	1.90	1.05	0.061	
9:10 AM	1.65	0.98	0.046	
9:15 AM	1.84	0.67	0.037	0.00
9:20 AM	1.53	0.88	0.037	
9:25 AM	1.46	0.46	0.018	
9:30 AM	1.67	1.00	0.049	0.00
9:35 AM	1.70	0.86	0.042	
9:40 AM	1.55	0.62	0.027	

9:45 AM	1.49	0.74	0.030	0.00
9:50 AM	1.90	0.75	0.044	
9:55 AM	1.27	0.52	0.017	
10:00 AM	1.39	1.01	0.037	0.00
10:05 AM	1.45	0.55	0.021	
10:10 AM	1.65	0.79	0.038	
10:15 AM	1.27	0.55	0.018	0.00
10:20 AM	1.20	0.89	0.026	
10:25 AM	1.49	0.46	0.019	
10:30 AM	1.74	0.47	0.024	0.00
10:35 AM	1.27	0.77	0.025	
10:40 AM	1.17	0.80	0.023	
10:45 AM	1.55	0.31	0.013	0.00
10:50 AM	1.15	0.65	0.018	
10:55 AM	1.38	0.83	0.030	
11:00 AM	1.41	0.68	0.026	0.00
11:05 AM	1.37	1.02	0.037	
11:10 AM	1.52	0.25	0.010	
11:15 AM	1.28	0.58	0.019	0.00
11:20 AM	1.65	0.72	0.034	
11:25 AM	0.89	0.45	0.009	
11:30 AM	1.47	0.76	0.030	0.00
11:35 AM	1.50	0.66	0.027	
11:40 AM	1.73	0.51	0.026	
11:45 AM	0.83	0.62	0.011	0.00
11:50 AM	1.41	0.81	0.030	
11:55 AM	1.71	0.50	0.025	
12:00 PM	0.87	0.60	0.011	0.00
12:05 PM	1.49	0.88	0.036	
12:10 PM	1.09	0.68	0.018	
12:15 PM	1.28	0.74	0.024	0.00
12:20 PM	1.46	0.37	0.014	
12:25 PM	1.41	0.98	0.037	
12:30 PM	1.45	0.42	0.016	0.00
12:35 PM	1.28	0.87	0.028	
12:40 PM	1.77	0.82	0.043	
12:45 PM	1.01	0.68	0.016	0.00
12:50 PM	1.63	0.71	0.033	
12:55 PM	1.22	0.81	0.025	
1:00 PM	1.24	0.48	0.015	0.00
1:05 PM	1.11	0.76	0.020	
1:10 PM	1.41	0.72	0.027	
1:15 PM	1.28	0.61	0.020	0.00
1:20 PM	1.11	0.92	0.024	
1:25 PM	1.45	0.73	0.029	
1:30 PM	1.35	0.89	0.031	0.00
1:35 PM	1.07	0.81	0.020	
1:40 PM	1.35	0.55	0.019	
1:45 PM	1.37	1.00	0.036	0.00
1:50 PM	1.45	0.49	0.019	
1:55 PM	1.16	0.93	0.026	

2:00 PM	1.60	0.73	0.033	0.00
2:05 PM	0.86	0.73	0.013	
2:10 PM	1.16	0.51	0.014	
2:15 PM	1.45	0.56	0.022	0.00
2:20 PM	0.83	0.70	0.012	
2:25 PM	1.06	0.50	0.012	
2:30 PM	1.10	0.42	0.011	0.00
2:35 PM	1.23	0.86	0.026	
2:40 PM	0.95	0.52	0.011	
2:45 PM	1.53	0.55	0.024	0.00
2:50 PM	1.18	0.85	0.025	
2:55 PM	1.42	0.65	0.025	
3:00 PM	1.26	0.89	0.028	0.00
3:05 PM	1.53	0.72	0.030	
3:10 PM	0.97	0.81	0.017	
3:15 PM	1.22	0.48	0.014	0.00
3:20 PM	1.54	0.81	0.035	
3:25 PM	1.13	0.64	0.017	
3:30 PM	1.59	0.69	0.031	0.00
3:35 PM	0.82	0.63	0.011	
3:40 PM	1.51	0.66	0.028	
3:45 PM	1.25	1.05	0.033	0.00
3:50 PM	1.03	0.88	0.021	
3:55 PM	1.39	0.49	0.018	
4:00 PM	1.57	0.75	0.033	0.00
4:05 PM	1.00	0.92	0.021	
4:10 PM	1.33	0.51	0.018	
4:15 PM	0.94	0.57	0.012	0.00
4:20 PM	1.28	1.00	0.032	
4:25 PM	0.99	0.73	0.016	
4:30 PM	1.34	0.31	0.011	0.00
4:35 PM	1.08	0.85	0.022	
4:40 PM	1.17	0.83	0.024	
4:45 PM	1.31	0.65	0.022	0.00
4:50 PM	1.25	0.93	0.029	
4:55 PM	1.22	0.37	0.011	
5:00 PM	1.23	0.67	0.021	0.00
5:05 PM	1.06	0.99	0.025	
5:10 PM	1.41	0.62	0.023	
5:15 PM	1.51	0.87	0.036	0.00
5:20 PM	1.35	0.89	0.031	
5:25 PM	1.35	0.48	0.017	
5:30 PM	1.18	0.95	0.027	0.00
5:35 PM	1.28	0.68	0.022	
5:40 PM	1.22	0.77	0.024	
5:45 PM	1.24	0.51	0.016	0.00
5:50 PM	1.34	1.06	0.037	
5:55 PM	1.59	0.83	0.037	
6:00 PM	1.30	0.83	0.028	0.00
6:05 PM	1.86	0.75	0.042	
6:10 PM	1.00	0.90	0.020	

6:15 PM	1.40	0.85	0.031	0.00
6:20 PM	1.65	0.58	0.028	
6:25 PM	1.88	1.13	0.065	
6:30 PM	1.74	1.05	0.054	0.00
6:35 PM	1.91	0.78	0.046	
6:40 PM	1.55	1.06	0.046	
6:45 PM	1.48	0.76	0.031	0.00
6:50 PM	1.69	1.00	0.049	
6:55 PM	1.29	0.94	0.031	
7:00 PM	1.76	0.95	0.049	0.00
7:05 PM	1.55	0.98	0.042	
7:10 PM	1.48	0.77	0.031	
7:15 PM	1.10	0.68	0.018	0.00
7:20 PM	1.66	1.09	0.052	
7:25 PM	2.23	0.97	0.071	
7:30 PM	1.52	0.79	0.033	0.00
7:35 PM	1.51	1.10	0.046	
7:40 PM	1.82	0.86	0.047	
7:45 PM	1.54	0.90	0.039	0.00
7:50 PM	1.68	0.80	0.039	
7:55 PM	1.58	1.09	0.049	
8:00 PM	1.67	1.09	0.052	0.00
8:05 PM	1.55	0.54	0.023	
8:10 PM	1.56	1.16	0.051	
8:15 PM	1.94	0.83	0.050	0.00
8:20 PM	1.49	1.09	0.045	
8:25 PM	1.67	0.62	0.030	
8:30 PM	1.91	1.24	0.073	0.00
8:35 PM	1.58	1.17	0.052	
8:40 PM	1.99	0.83	0.052	
8:45 PM	1.49	0.92	0.038	0.00
8:50 PM	2.14	1.05	0.073	
8:55 PM	1.88	1.11	0.064	
9:00 PM	1.61	1.08	0.050	0.00
9:05 PM	1.98	1.09	0.068	
9:10 PM	1.82	1.00	0.055	
9:15 PM	1.68	0.92	0.045	0.00
9:20 PM	1.74	0.59	0.030	
9:25 PM	1.84	1.33	0.074	
9:30 PM	1.53	0.54	0.023	0.00
9:35 PM	1.82	1.18	0.064	
9:40 PM	1.79	0.80	0.043	
9:45 PM	1.49	1.05	0.043	0.00
9:50 PM	1.62	0.88	0.041	
9:55 PM	1.69	1.04	0.051	
10:00 PM	2.03	1.03	0.066	0.00
10:05 PM	1.87	1.01	0.058	
10:10 PM	1.53	0.72	0.030	
10:15 PM	1.41	0.83	0.031	0.00
10:20 PM	1.90	1.00	0.058	
10:25 PM	1.58	0.85	0.038	

	10:30 PM	1.28	0.74	0.024	0.00
	10:35 PM	1.69	1.08	0.053	
	10:40 PM	1.91	0.60	0.035	
	10:45 PM	1.58	1.14	0.051	0.00
	10:50 PM	1.67	0.86	0.042	
	10:55 PM	1.49	1.16	0.048	
	11:00 PM	1.93	0.86	0.051	0.00
	11:05 PM	1.34	0.99	0.035	
	11:10 PM	1.61	0.89	0.041	
	11:15 PM	0.88	0.45	0.009	0.00
	11:20 PM	1.54	0.68	0.029	
	11:25 PM	1.58	0.93	0.041	
	11:30 PM	1.28	0.76	0.025	0.00
	11:35 PM	1.45	0.95	0.038	
	11:40 PM	1.16	0.84	0.024	
	11:45 PM	1.23	0.49	0.015	0.00
	11:50 PM	1.16	0.75	0.021	
	11:55 PM	1.22	0.75	0.023	
5/18/2023	12:00 AM	1.18	0.56	0.016	0.00
	12:05 AM	1.13	0.56	0.015	
	12:10 AM	1.31	0.82	0.028	
	12:15 AM	0.80	0.69	0.011	0.00
	12:20 AM	1.47	0.59	0.024	
	12:25 AM	1.04	0.56	0.013	
	12:30 AM	1.00	0.55	0.013	0.00
	12:35 AM	0.88	0.65	0.012	
	12:40 AM	1.08	0.67	0.017	
	12:45 AM	0.73	0.53	0.008	0.00
	12:50 AM	0.98	0.86	0.019	
	12:55 AM	0.98	0.55	0.012	
	1:00 AM	0.90	0.52	0.010	0.00
	1:05 AM	0.64	0.29	0.003	
	1:10 AM	0.73	0.51	0.007	
	1:15 AM	0.84	0.35	0.006	0.00
	1:20 AM	0.94	0.47	0.010	
	1:25 AM	0.74	0.37	0.005	
	1:30 AM	0.58	0.64	0.006	0.00
	1:35 AM	0.76	0.67	0.010	
	1:40 AM	0.71	0.31	0.004	
	1:45 AM	0.57	0.66	0.006	0.00
	1:50 AM	0.86	0.33	0.006	
	1:55 AM	0.69	0.39	0.005	
	2:00 AM	0.61	0.48	0.005	0.00
	2:05 AM	0.51	0.40	0.003	
	2:10 AM	0.51	0.25	0.002	
	2:15 AM	0.62	0.44	0.005	0.00
	2:20 AM	0.75	0.01	0.000	
	2:25 AM	0.42	0.39	0.002	
	2:30 AM	0.43	0.27	0.002	0.00
	2:35 AM	0.60	0.75	0.008	
	2:40 AM	0.10	0.25	0.000	

2:45 AM	0.71	0.21	0.003	0.00
2:50 AM	0.38	0.35	0.002	
2:55 AM	0.64	0.61	0.007	
3:00 AM	0.77	0.66	0.010	0.00
3:05 AM	0.57	0.18	0.002	
3:10 AM	0.39	0.46	0.003	
3:15 AM	0.51	0.51	0.004	0.00
3:20 AM	0.34	0.28	0.001	
3:25 AM	0.45	0.29	0.002	
3:30 AM	0.64	0.34	0.004	0.00
3:35 AM	0.47	0.56	0.004	
3:40 AM	0.64	0.23	0.003	
3:45 AM	0.45	0.14	0.001	0.00
3:50 AM	0.46	0.47	0.003	
3:55 AM	0.29	0.46	0.002	
4:00 AM	0.43	0.07	0.000	0.00
4:05 AM	0.45	0.37	0.003	
4:10 AM	0.66	0.47	0.006	
4:15 AM	0.47	0.46	0.003	0.00
4:20 AM	0.39	0.26	0.001	
4:25 AM	0.54	0.36	0.003	
4:30 AM	0.37	0.47	0.002	0.00
4:35 AM	0.63	0.48	0.006	
4:40 AM	0.62	0.27	0.003	
4:45 AM	0.61	0.45	0.005	0.00
4:50 AM	0.61	0.60	0.007	
4:55 AM	0.32	0.34	0.001	
5:00 AM	0.67	0.43	0.005	0.00
5:05 AM	0.72	0.60	0.008	
5:10 AM	0.64	0.48	0.006	
5:15 AM	0.45	0.06	0.000	0.00
5:20 AM	0.65	0.76	0.009	
5:25 AM	0.55	0.36	0.003	
5:30 AM	0.46	0.24	0.002	0.00
5:35 AM	0.70	0.47	0.006	
5:40 AM	0.54	0.68	0.006	
5:45 AM	0.83	0.45	0.008	0.00
5:50 AM	0.94	0.64	0.013	
5:55 AM	0.70	0.44	0.006	
6:00 AM	0.65	0.48	0.006	0.00
6:05 AM	0.62	0.47	0.005	
6:10 AM	0.54	0.50	0.005	
6:15 AM	1.02	0.54	0.012	0.00
6:20 AM	0.60	0.31	0.003	
6:25 AM	0.65	0.52	0.006	
6:30 AM	0.70	0.77	0.010	0.00
6:35 AM	0.89	0.49	0.009	
6:40 AM	1.07	0.79	0.020	
6:45 AM	1.42	1.07	0.041	0.00
6:50 AM	0.92	0.55	0.011	
6:55 AM	1.49	0.84	0.034	

7:00 AM	1.23	0.96	0.030	0.00
7:05 AM	1.73	0.74	0.038	
7:10 AM	1.45	0.95	0.037	
7:15 AM	1.23	0.66	0.020	0.00
7:20 AM	1.76	1.16	0.060	
7:25 AM	1.75	1.04	0.054	
7:30 AM	1.34	1.03	0.036	0.00
7:35 AM	1.55	0.89	0.039	
7:40 AM	1.76	1.16	0.060	
7:45 AM	1.65	0.94	0.044	0.00
7:50 AM	1.49	0.97	0.040	
7:55 AM	1.83	0.88	0.049	
8:00 AM	1.06	1.04	0.026	0.00
8:05 AM	1.92	0.95	0.057	
8:10 AM	1.56	0.86	0.037	
8:15 AM	1.67	1.42	0.069	0.00
8:20 AM	1.50	0.82	0.034	
8:25 AM	1.64	0.85	0.040	
8:30 AM	1.56	0.68	0.030	0.00
8:35 AM	1.28	0.88	0.029	
8:40 AM	1.35	0.87	0.031	
8:45 AM	1.75	1.19	0.062	0.00
8:50 AM	1.49	0.90	0.037	
8:55 AM	1.66	1.06	0.051	
9:00 AM	1.29	0.80	0.027	0.00
9:05 AM	1.14	0.97	0.027	
9:10 AM	1.72	0.64	0.032	
9:15 AM	1.99	1.11	0.069	0.00
9:20 AM	1.57	0.92	0.041	
9:25 AM	1.23	1.02	0.031	
9:30 AM	1.38	0.64	0.023	0.00
9:35 AM	1.15	1.08	0.030	
9:40 AM	1.51	0.61	0.025	
9:45 AM	1.57	1.00	0.044	0.00
9:50 AM	1.43	0.90	0.034	
9:55 AM	1.55	0.73	0.032	
10:00 AM	1.39	0.85	0.031	0.00
10:05 AM	1.75	0.93	0.048	
10:10 AM	1.24	0.99	0.031	
10:15 AM	1.25	0.73	0.023	0.00
10:20 AM	1.30	0.96	0.032	
10:25 AM	1.21	0.86	0.026	
10:30 AM	1.55	0.90	0.039	0.00
10:35 AM	1.73	0.82	0.042	
10:40 AM	1.25	0.60	0.019	
10:45 AM	0.97	0.87	0.019	0.00
10:50 AM	1.55	0.75	0.032	
10:55 AM	1.23	1.08	0.033	
11:00 AM	1.04	0.38	0.009	0.00
11:05 AM	1.27	0.61	0.020	
11:10 AM	1.36	1.00	0.036	

11:15 AM	1.09	0.85	0.022	0.00
11:20 AM	1.22	0.74	0.023	
11:25 AM	1.07	0.72	0.018	
11:30 AM	1.08	0.32	0.008	0.00
11:35 AM	1.38	0.65	0.024	
11:40 AM	1.25	1.22	0.039	
11:45 AM	1.31	0.61	0.021	0.00
11:50 AM	1.45	0.82	0.032	
11:55 AM	1.04	0.85	0.020	
12:00 PM	1.16	0.63	0.018	0.00
12:05 PM	1.50	1.03	0.043	
12:10 PM	0.97	0.67	0.015	
12:15 PM	1.54	0.83	0.036	0.00
12:20 PM	1.19	0.80	0.023	
12:25 PM	1.32	0.93	0.032	
12:30 PM	1.42	0.98	0.037	0.00
12:35 PM	1.49	0.81	0.033	
12:40 PM	1.19	0.47	0.014	
12:45 PM	0.89	1.20	0.023	0.00
12:50 PM	1.51	0.65	0.027	
12:55 PM	1.11	0.66	0.017	
1:00 PM	1.35	0.76	0.027	0.00
1:05 PM	1.07	0.92	0.023	
1:10 PM	1.21	0.54	0.016	
1:15 PM	1.13	0.95	0.026	0.00
1:20 PM	1.41	0.61	0.023	
1:25 PM	1.03	0.63	0.015	
1:30 PM	1.31	1.01	0.034	0.00
1:35 PM	1.20	0.76	0.023	
1:40 PM	1.26	0.91	0.029	
1:45 PM	0.95	0.49	0.010	0.00
1:50 PM	1.24	0.91	0.029	
1:55 PM	1.34	0.70	0.025	
2:00 PM	0.68	0.51	0.006	0.00
2:05 PM	1.68	0.78	0.038	
2:10 PM	1.01	0.88	0.020	
2:15 PM	1.20	0.72	0.022	0.00
2:20 PM	0.93	0.97	0.020	
2:25 PM	1.30	0.71	0.024	
2:30 PM	1.34	0.68	0.024	0.00
2:35 PM	0.87	0.39	0.007	
2:40 PM	0.81	0.63	0.011	
2:45 PM	1.21	0.93	0.028	0.00
2:50 PM	0.96	0.64	0.014	
2:55 PM	1.30	0.73	0.024	
3:00 PM	1.29	0.72	0.024	0.00
3:05 PM	0.74	0.82	0.012	
3:10 PM	1.03	0.51	0.012	
3:15 PM	0.84	0.51	0.009	0.00
3:20 PM	1.20	0.61	0.018	
3:25 PM	0.91	0.82	0.016	

3:30 PM	0.85	0.60	0.011	0.00
3:35 PM	0.98	0.55	0.012	
3:40 PM	0.83	0.87	0.015	
3:45 PM	0.76	0.16	0.002	0.00
3:50 PM	1.09	0.86	0.022	
3:55 PM	1.05	0.78	0.019	
4:00 PM	0.79	0.61	0.010	0.00
4:05 PM	1.04	0.84	0.020	
4:10 PM	1.10	0.49	0.013	
4:15 PM	0.73	0.62	0.009	0.00
4:20 PM	1.12	0.48	0.013	
4:25 PM	1.15	0.96	0.027	
4:30 PM	1.55	0.71	0.031	0.00
4:35 PM	1.25	0.66	0.021	
4:40 PM	1.06	0.70	0.017	
4:45 PM	1.03	0.78	0.018	0.00
4:50 PM	1.10	0.44	0.011	
4:55 PM	0.95	1.02	0.022	
5:00 PM	1.17	0.69	0.020	0.00
5:05 PM	1.18	0.63	0.018	
5:10 PM	1.64	0.66	0.031	
5:15 PM	1.06	0.97	0.024	0.00
5:20 PM	1.38	0.71	0.026	
5:25 PM	1.34	1.21	0.042	
5:30 PM	1.41	0.44	0.017	0.00
5:35 PM	1.13	0.86	0.023	
5:40 PM	0.94	0.70	0.015	
5:45 PM	1.25	0.89	0.028	0.00
5:50 PM	1.40	0.70	0.026	
5:55 PM	1.25	0.85	0.027	
6:00 PM	1.09	0.90	0.023	0.00
6:05 PM	1.50	0.72	0.030	
6:10 PM	1.13	0.86	0.023	
6:15 PM	1.41	1.00	0.038	0.00
6:20 PM	1.62	0.72	0.033	
6:25 PM	1.08	0.81	0.021	
6:30 PM	1.51	0.94	0.039	0.00
6:35 PM	1.25	0.89	0.028	
6:40 PM	1.70	1.00	0.050	
6:45 PM	1.44	1.17	0.045	0.00
6:50 PM	1.33	0.95	0.033	
6:55 PM	1.33	0.71	0.025	
7:00 PM	1.40	0.81	0.030	0.00
7:05 PM	1.32	0.81	0.028	
7:10 PM	1.44	0.63	0.024	
7:15 PM	1.33	1.05	0.037	0.00
7:20 PM	1.27	1.00	0.032	
7:25 PM	1.72	0.60	0.030	
7:30 PM	1.13	1.10	0.030	0.00
7:35 PM	1.64	0.79	0.037	
7:40 PM	1.20	0.67	0.020	

7:45 PM	1.47	0.95	0.038	0.00
7:50 PM	1.86	1.12	0.063	
7:55 PM	1.18	1.09	0.031	
8:00 PM	1.54	0.69	0.030	0.00
8:05 PM	1.68	1.12	0.055	
8:10 PM	1.69	0.88	0.043	
8:15 PM	1.59	0.99	0.044	0.00
8:20 PM	1.39	0.98	0.036	
8:25 PM	1.78	1.08	0.057	
8:30 PM	1.72	1.03	0.052	0.00
8:35 PM	1.51	0.93	0.039	
8:40 PM	1.11	0.52	0.014	
8:45 PM	1.56	0.98	0.043	0.00
8:50 PM	1.27	0.80	0.026	
8:55 PM	1.75	0.95	0.049	
9:00 PM	1.29	0.98	0.032	0.00
9:05 PM	1.75	0.91	0.047	
9:10 PM	1.83	0.98	0.054	
9:15 PM	1.56	1.16	0.051	0.00
9:20 PM	2.09	1.05	0.071	
9:25 PM	2.11	1.20	0.082	
9:30 PM	1.64	1.31	0.062	0.00
9:35 PM	1.85	0.93	0.052	
9:40 PM	1.56	0.88	0.039	
9:45 PM	1.77	1.01	0.053	0.00
9:50 PM	1.77	1.23	0.065	
9:55 PM	2.15	1.10	0.077	
10:00 PM	1.74	0.94	0.048	0.00
10:05 PM	2.29	1.23	0.094	
10:10 PM	1.79	0.91	0.048	
10:15 PM	1.67	0.74	0.036	0.00
10:20 PM	1.51	1.17	0.048	
10:25 PM	1.98	1.10	0.068	
10:30 PM	1.91	0.87	0.051	0.00
10:35 PM	1.74	0.95	0.049	
10:40 PM	1.87	1.28	0.073	
10:45 PM	1.49	0.59	0.024	0.00
10:50 PM	1.72	1.30	0.066	
10:55 PM	1.73	0.95	0.048	
11:00 PM	1.56	0.92	0.040	0.00
11:05 PM	1.59	0.86	0.039	
11:10 PM	1.33	0.74	0.026	
11:15 PM	1.58	0.97	0.043	0.00
11:20 PM	0.94	0.60	0.012	
11:25 PM	1.45	0.53	0.021	
11:30 PM	1.46	0.88	0.035	0.00
11:35 PM	1.29	0.51	0.017	
11:40 PM	1.28	0.73	0.024	
11:45 PM	1.32	0.66	0.023	0.00
11:50 PM	1.45	0.82	0.032	
11:55 PM	0.80	0.66	0.011	

5/19/2023	12:00 AM	1.54	0.88	0.038	0.00
	12:05 AM	0.89	0.61	0.012	
	12:10 AM	0.92	0.45	0.009	
	12:15 AM	1.41	0.88	0.033	0.00
	12:20 AM	1.37	0.40	0.014	
	12:25 AM	0.96	0.97	0.021	
	12:30 AM	1.11	0.63	0.017	0.00
	12:35 AM	1.09	0.70	0.018	
	12:40 AM	0.95	0.69	0.015	
	12:45 AM	0.91	0.67	0.013	0.00
	12:50 AM	1.10	0.63	0.017	
	12:55 AM	0.91	0.61	0.012	
	1:00 AM	0.93	0.43	0.009	0.00
	1:05 AM	0.85	0.46	0.008	
	1:10 AM	0.89	0.80	0.015	
	1:15 AM	0.68	0.25	0.003	0.00
	1:20 AM	0.96	0.70	0.015	
	1:25 AM	0.81	0.36	0.006	
	1:30 AM	0.97	0.41	0.009	0.00
	1:35 AM	0.58	0.63	0.006	
	1:40 AM	0.62	0.27	0.003	
	1:45 AM	0.88	0.50	0.009	0.00
	1:50 AM	1.06	0.52	0.013	
	1:55 AM	0.26	0.73	0.002	
	2:00 AM	0.95	0.50	0.011	0.00
	2:05 AM	0.54	0.33	0.003	
	2:10 AM	1.11	0.48	0.013	
	2:15 AM	0.74	0.11	0.002	0.00
	2:20 AM	0.25	0.61	0.002	
	2:25 AM	0.74	0.76	0.011	
	2:30 AM	0.85	0.29	0.005	0.00
	2:35 AM	0.77	0.47	0.007	
	2:40 AM	0.42	0.61	0.004	
	2:45 AM	0.88	0.25	0.005	0.00
	2:50 AM	0.65	0.19	0.002	
	2:55 AM	0.17	0.46	0.001	
	3:00 AM	0.85	0.39	0.007	0.00
	3:05 AM	0.69	0.27	0.003	
	3:10 AM	0.48	0.52	0.004	
	3:15 AM	0.61	0.17	0.002	0.00
	3:20 AM	0.61	0.46	0.005	
	3:25 AM	0.36	0.68	0.003	
	3:30 AM	0.68	0.25	0.003	0.00
	3:35 AM	0.16	0.20	0.000	
	3:40 AM	0.78	0.32	0.005	
	3:45 AM	0.46	0.53	0.004	0.00
	3:50 AM	0.33	0.10	0.000	
	3:55 AM	0.40	0.56	0.003	
	4:00 AM	0.66	0.32	0.004	0.00
	4:05 AM	0.37	0.24	0.001	
	4:10 AM	0.62	0.22	0.002	

4:15 AM	0.44	0.50	0.003	0.00
4:20 AM	0.58	0.36	0.004	
4:25 AM	0.40	0.44	0.003	
4:30 AM	0.38	0.17	0.001	0.00
4:35 AM	0.76	0.42	0.006	
4:40 AM	0.29	0.59	0.002	
4:45 AM	0.80	0.35	0.006	0.00
4:50 AM	0.47	0.49	0.004	
4:55 AM	0.78	0.16	0.003	
5:00 AM	0.49	0.24	0.002	0.00
5:05 AM	0.62	0.58	0.006	
5:10 AM	0.46	0.60	0.004	
5:15 AM	0.77	0.56	0.009	0.00
5:20 AM	0.91	0.10	0.002	
5:25 AM	0.87	0.78	0.014	
5:30 AM	0.54	0.54	0.005	0.00
5:35 AM	0.60	0.24	0.003	
5:40 AM	1.02	0.69	0.016	
5:45 AM	0.42	0.46	0.003	0.00
5:50 AM	0.55	0.45	0.004	
5:55 AM	0.71	0.43	0.006	
6:00 AM	0.61	0.28	0.003	0.00
6:05 AM	0.43	0.49	0.003	
6:10 AM	0.74	0.59	0.009	
6:15 AM	0.67	0.29	0.004	0.00
6:20 AM	0.71	0.49	0.007	
6:25 AM	0.59	0.53	0.006	
6:30 AM	0.69	0.61	0.008	0.00
6:35 AM	1.18	0.67	0.019	
6:40 AM	1.35	0.84	0.030	
6:45 AM	1.58	1.01	0.045	0.00
6:50 AM	0.88	0.68	0.013	
6:55 AM	1.25	0.57	0.018	
7:00 AM	1.44	1.06	0.041	0.00
7:05 AM	1.65	0.64	0.031	
7:10 AM	1.70	0.97	0.048	
7:15 AM	1.30	0.63	0.021	0.00
7:20 AM	1.50	0.92	0.038	
7:25 AM	1.83	0.76	0.042	
7:30 AM	1.74	0.80	0.041	0.00
7:35 AM	1.55	0.90	0.039	
7:40 AM	2.07	1.15	0.076	
7:45 AM	1.36	0.81	0.029	0.00
7:50 AM	1.80	1.00	0.054	
7:55 AM	1.61	0.74	0.034	
8:00 AM	1.60	1.13	0.051	0.00
8:05 AM	1.26	0.70	0.022	
8:10 AM	2.03	0.78	0.050	
8:15 AM	1.28	1.30	0.043	0.00
8:20 AM	1.88	0.74	0.042	
8:25 AM	1.77	1.03	0.054	

8:30 AM	1.92	1.05	0.062	0.00
8:35 AM	1.96	0.91	0.056	
8:40 AM	1.75	1.12	0.058	
8:45 AM	1.97	1.01	0.062	0.00
8:50 AM	1.61	0.72	0.033	
8:55 AM	1.59	0.87	0.039	
9:00 AM	1.84	0.94	0.053	0.00
9:05 AM	1.52	1.04	0.044	
9:10 AM	1.37	0.69	0.025	
9:15 AM	2.02	0.87	0.056	0.00
9:20 AM	1.86	1.11	0.063	
9:25 AM	1.85	0.99	0.056	
9:30 AM	1.74	0.99	0.050	0.00
9:35 AM	1.38	1.02	0.037	
9:40 AM	2.18	0.79	0.056	
9:45 AM	1.57	0.84	0.037	0.00
9:50 AM	1.73	0.93	0.047	
9:55 AM	1.50	0.68	0.028	
10:00 AM	1.46	0.79	0.031	0.02
10:05 AM	1.56	0.84	0.037	
10:10 AM	1.33	0.97	0.033	
10:15 AM	1.71	0.96	0.048	0.03
10:20 AM	1.54	1.05	0.045	
10:25 AM	1.88	1.01	0.058	
10:30 AM	1.30	0.53	0.018	0.00
10:35 AM	1.73	1.13	0.058	
10:40 AM	1.05	0.57	0.014	
10:45 AM	1.76	0.85	0.044	0.00
10:50 AM	1.37	0.83	0.030	
10:55 AM	1.32	0.65	0.022	
11:00 AM	1.39	0.75	0.028	0.00
11:05 AM	1.34	0.80	0.028	
11:10 AM	1.37	0.90	0.033	
11:15 AM	1.39	0.82	0.030	0.02
11:20 AM	1.30	0.65	0.022	
11:25 AM	1.20	0.59	0.018	
11:30 AM	1.64	0.88	0.041	0.02
11:35 AM	1.10	0.76	0.020	
11:40 AM	1.22	0.56	0.017	
11:45 AM	1.40	0.82	0.031	0.01
11:50 AM	1.58	0.98	0.043	
11:55 AM	1.26	0.62	0.020	
12:00 PM	1.37	0.92	0.033	0.00
12:05 PM	1.50	0.74	0.031	
12:10 PM	1.46	0.91	0.036	
12:15 PM	1.68	0.71	0.034	0.00
12:20 PM	1.37	0.94	0.034	
12:25 PM	1.36	0.83	0.030	
12:30 PM	1.40	0.86	0.032	0.00
12:35 PM	1.54	0.99	0.042	
12:40 PM	1.63	0.83	0.039	

12:45 PM	1.29	1.03	0.034	0.00
12:50 PM	1.37	0.49	0.018	
12:55 PM	0.98	0.71	0.016	
1:00 PM	2.04	0.82	0.053	0.00
1:05 PM	1.22	1.17	0.036	
1:10 PM	1.11	0.40	0.011	
1:15 PM	1.24	0.76	0.024	0.00
1:20 PM	1.50	0.80	0.033	
1:25 PM	1.41	1.01	0.038	
1:30 PM	1.44	0.67	0.026	0.01
1:35 PM	1.50	0.73	0.030	
1:40 PM	1.22	1.05	0.032	
1:45 PM	1.97	0.69	0.042	0.00
1:50 PM	1.33	0.79	0.027	
1:55 PM	1.45	0.54	0.021	
2:00 PM	1.22	0.77	0.024	0.00
2:05 PM	1.19	0.62	0.018	
2:10 PM	1.15	0.71	0.020	
2:15 PM	1.45	0.90	0.035	0.00
2:20 PM	1.32	0.55	0.019	
2:25 PM	1.53	0.90	0.038	
2:30 PM	1.18	0.60	0.017	0.00
2:35 PM	1.35	0.91	0.032	
2:40 PM	1.24	0.71	0.022	
2:45 PM	1.06	0.85	0.021	0.00
2:50 PM	1.20	0.71	0.021	
2:55 PM	1.48	0.54	0.022	
3:00 PM	1.18	0.69	0.020	0.00
3:05 PM	0.95	0.67	0.014	
3:10 PM	1.63	0.54	0.025	
3:15 PM	1.20	0.95	0.028	0.00
3:20 PM	1.31	0.83	0.028	
3:25 PM	1.12	0.60	0.016	
3:30 PM	1.23	0.51	0.016	0.00
3:35 PM	1.43	1.10	0.042	
3:40 PM	1.48	0.79	0.032	
3:45 PM	1.11	0.57	0.015	0.00
3:50 PM	1.16	0.65	0.019	
3:55 PM	1.34	0.77	0.027	
4:00 PM	1.15	0.80	0.022	0.00
4:05 PM	1.33	0.72	0.025	
4:10 PM	1.50	0.58	0.024	
4:15 PM	1.34	0.83	0.029	0.00
4:20 PM	1.26	0.78	0.025	
4:25 PM	1.10	0.78	0.020	
4:30 PM	1.41	0.67	0.025	0.00
4:35 PM	1.49	0.85	0.035	
4:40 PM	1.35	0.87	0.031	
4:45 PM	1.48	0.55	0.022	0.00
4:50 PM	1.36	0.58	0.021	
4:55 PM	1.54	1.15	0.049	

5:00 PM	1.46	0.79	0.031	0.00
5:05 PM	1.46	0.68	0.027	
5:10 PM	1.33	0.76	0.026	
5:15 PM	1.50	0.72	0.030	0.00
5:20 PM	1.17	0.86	0.025	
5:25 PM	1.21	0.53	0.016	
5:30 PM	1.97	0.90	0.055	0.00
5:35 PM	1.32	0.70	0.024	
5:40 PM	1.53	0.79	0.033	
5:45 PM	1.25	1.03	0.032	0.00
5:50 PM	1.62	0.85	0.039	
5:55 PM	1.56	0.75	0.033	
6:00 PM	1.47	0.94	0.037	0.00
6:05 PM	1.48	0.77	0.031	
6:10 PM	1.40	0.77	0.029	
6:15 PM	1.44	0.91	0.035	0.00
6:20 PM	1.56	0.99	0.043	
6:25 PM	1.57	0.97	0.043	
6:30 PM	1.56	0.78	0.034	0.00
6:35 PM	1.25	0.83	0.026	
6:40 PM	1.55	0.47	0.020	
6:45 PM	0.99	0.77	0.017	0.00
6:50 PM	1.57	1.08	0.048	
6:55 PM	1.51	0.55	0.023	
7:00 PM	1.33	1.00	0.034	0.00
7:05 PM	1.49	0.77	0.031	
7:10 PM	1.29	0.63	0.021	
7:15 PM	1.06	1.05	0.026	0.00
7:20 PM	1.67	0.56	0.027	
7:25 PM	1.18	1.04	0.030	
7:30 PM	1.56	0.77	0.034	0.00
7:35 PM	1.23	0.81	0.025	
7:40 PM	1.59	0.77	0.034	
7:45 PM	1.24	0.56	0.017	0.00
7:50 PM	1.17	0.96	0.027	
7:55 PM	1.53	0.50	0.021	
8:00 PM	1.06	0.81	0.020	0.00
8:05 PM	1.39	0.74	0.027	
8:10 PM	1.27	0.86	0.028	
8:15 PM	1.77	0.84	0.045	0.00
8:20 PM	1.15	0.84	0.024	
8:25 PM	1.80	0.87	0.047	
8:30 PM	1.19	1.08	0.032	0.00
8:35 PM	1.77	0.78	0.041	
8:40 PM	1.62	1.00	0.046	
8:45 PM	1.60	0.80	0.036	0.00
8:50 PM	1.02	0.94	0.022	
8:55 PM	1.53	0.77	0.033	
9:00 PM	1.27	0.73	0.023	0.00
9:05 PM	1.70	0.85	0.042	
9:10 PM	1.56	0.81	0.035	

	9:15 PM	1.42	1.07	0.041	0.00
	9:20 PM	1.28	0.78	0.025	
	9:25 PM	2.15	1.14	0.080	
	9:30 PM	1.60	0.78	0.035	0.00
	9:35 PM	1.57	0.67	0.029	
	9:40 PM	1.57	0.91	0.040	
	9:45 PM	1.67	0.82	0.040	0.00
	9:50 PM	1.72	0.98	0.050	
	9:55 PM	1.60	0.95	0.043	
	10:00 PM	1.93	0.95	0.057	0.00
	10:05 PM	1.59	0.81	0.036	
	10:10 PM	1.34	0.71	0.025	
	10:15 PM	1.73	0.55	0.028	0.00
	10:20 PM	1.21	0.84	0.025	
	10:25 PM	1.27	0.48	0.015	
	10:30 PM	1.58	1.08	0.048	0.00
	10:35 PM	1.57	0.76	0.034	
	10:40 PM	1.45	0.67	0.027	
	10:45 PM	1.78	0.80	0.042	0.00
	10:50 PM	1.45	1.02	0.040	
	10:55 PM	1.78	0.74	0.039	
	11:00 PM	1.58	0.98	0.044	0.00
	11:05 PM	2.00	0.78	0.049	
	11:10 PM	1.40	0.75	0.028	
	11:15 PM	1.26	0.77	0.025	0.00
	11:20 PM	1.34	0.73	0.025	
	11:25 PM	1.18	0.63	0.018	
	11:30 PM	1.66	0.73	0.035	0.00
	11:35 PM	1.05	0.60	0.015	
	11:40 PM	1.48	0.78	0.032	
	11:45 PM	1.49	0.49	0.020	0.00
	11:50 PM	1.04	0.80	0.019	
	11:55 PM	1.42	0.56	0.021	
5/20/2023	12:00 AM	1.28	0.46	0.015	0.00
	12:05 AM	0.99	0.88	0.020	
	12:10 AM	1.36	0.47	0.017	
	12:15 AM	1.08	0.79	0.020	0.00
	12:20 AM	1.25	0.37	0.012	
	12:25 AM	1.24	0.89	0.028	
	12:30 AM	1.27	0.71	0.023	0.00
	12:35 AM	0.82	0.50	0.009	
	12:40 AM	1.34	0.47	0.017	
	12:45 AM	1.51	0.74	0.031	0.00
	12:50 AM	1.11	0.59	0.016	
	12:55 AM	1.14	0.57	0.016	
	1:00 AM	1.25	0.43	0.014	0.00
	1:05 AM	1.11	0.83	0.022	
	1:10 AM	1.19	0.52	0.015	
	1:15 AM	1.34	0.63	0.022	0.00
	1:20 AM	0.98	0.86	0.019	
	1:25 AM	1.23	0.52	0.016	

1:30 AM	0.94	0.54	0.011	0.00
1:35 AM	0.81	0.58	0.010	
1:40 AM	1.28	0.38	0.012	
1:45 AM	1.45	0.81	0.032	0.00
1:50 AM	0.70	0.32	0.004	
1:55 AM	0.80	0.45	0.007	
2:00 AM	0.83	0.23	0.004	0.00
2:05 AM	1.03	0.32	0.008	
2:10 AM	0.61	0.24	0.003	
2:15 AM	0.94	0.51	0.010	0.00
2:20 AM	0.56	0.58	0.006	
2:25 AM	1.01	0.16	0.004	
2:30 AM	0.41	0.27	0.002	0.00
2:35 AM	0.87	0.32	0.006	
2:40 AM	0.86	0.63	0.012	
2:45 AM	0.91	0.31	0.006	0.00
2:50 AM	0.54	0.38	0.003	
2:55 AM	0.93	0.32	0.006	
3:00 AM	0.58	0.18	0.002	0.00
3:05 AM	0.76	0.46	0.007	
3:10 AM	0.68	0.19	0.002	
3:15 AM	0.49	0.36	0.003	0.00
3:20 AM	0.99	0.48	0.011	
3:25 AM	0.47	0.17	0.001	
3:30 AM	0.82	0.20	0.003	0.00
3:35 AM	0.63	0.54	0.006	
3:40 AM	0.71	0.41	0.006	
3:45 AM	0.80	0.34	0.006	0.00
3:50 AM	0.92	0.47	0.009	
3:55 AM	0.47	0.08	0.001	
4:00 AM	0.60	0.15	0.002	0.00
4:05 AM	0.71	0.46	0.006	
4:10 AM	0.68	0.36	0.005	
4:15 AM	0.63	0.30	0.003	0.00
4:20 AM	0.76	0.29	0.004	
4:25 AM	0.49	0.12	0.001	
4:30 AM	0.72	0.33	0.005	0.00
4:35 AM	0.53	0.38	0.003	
4:40 AM	0.82	0.34	0.006	
4:45 AM	0.49	0.44	0.003	0.00
4:50 AM	0.89	0.35	0.007	
4:55 AM	0.27	0.29	0.001	
5:00 AM	0.56	0.28	0.003	0.00
5:05 AM	0.38	0.03	0.000	
5:10 AM	0.69	0.36	0.005	
5:15 AM	0.27	0.33	0.001	0.00
5:20 AM	0.80	0.05	0.001	
5:25 AM	0.25	0.28	0.001	
5:30 AM	0.91	0.34	0.007	0.00
5:35 AM	0.94	0.35	0.007	
5:40 AM	0.65	0.24	0.003	

5:45 AM	0.45	0.54	0.004	0.00
5:50 AM	0.57	0.28	0.003	
5:55 AM	0.49	0.22	0.002	
6:00 AM	0.81	0.43	0.007	0.00
6:05 AM	0.50	0.15	0.001	
6:10 AM	0.55	0.14	0.001	
6:15 AM	0.39	0.25	0.001	0.00
6:20 AM	0.65	0.29	0.003	
6:25 AM	0.46	0.48	0.003	
6:30 AM	0.83	0.02	0.000	0.00
6:35 AM	0.70	0.42	0.006	
6:40 AM	0.79	0.52	0.008	
6:45 AM	0.95	0.20	0.004	0.00
6:50 AM	0.34	0.71	0.003	
6:55 AM	0.89	0.13	0.003	
7:00 AM	0.91	0.47	0.009	0.00
7:05 AM	0.48	0.03	0.000	
7:10 AM	0.90	0.64	0.013	
7:15 AM	0.95	0.50	0.011	0.00
7:20 AM	1.40	0.33	0.012	
7:25 AM	0.89	0.71	0.014	
7:30 AM	1.31	0.40	0.014	0.00
7:35 AM	1.16	0.73	0.021	
7:40 AM	0.86	0.21	0.004	
7:45 AM	0.81	0.56	0.009	0.00
7:50 AM	0.88	2.69	0.050	
7:55 AM	1.33	3.44	0.119	
8:00 AM	0.94	3.63	0.075	0.00
8:05 AM	3.00	4.64	0.524	
8:10 AM	2.62	5.52	0.514	
8:15 AM	2.99	7.03	0.790	0.04
8:20 AM	2.91	7.13	0.769	
8:25 AM	2.75	6.89	0.687	
8:30 AM	2.63	7.09	0.662	0.07
8:35 AM	3.04	7.31	0.841	
8:40 AM	3.56	7.19	1.038	
8:45 AM	5.02	8.02	1.868	0.04
8:50 AM	5.40	7.70	1.980	
8:55 AM	5.51	7.70	2.034	
9:00 AM	6.15	7.90	2.419	0.02
9:05 AM	6.38	8.43	2.706	
9:10 AM	5.93	7.96	2.323	
9:15 AM	5.64	7.77	2.116	0.02
9:20 AM	7.69	7.35	3.006	
9:25 AM	6.64	8.31	2.818	
9:30 AM	6.34	7.88	2.511	0.01
9:35 AM	6.46	8.16	2.665	
9:40 AM	6.27	8.08	2.539	
9:45 AM	5.98	8.00	2.358	0.01
9:50 AM	6.29	8.12	2.563	
9:55 AM	6.38	8.24	2.652	

10:00 AM	6.10	7.99	2.422	0.01
10:05 AM	5.62	7.73	2.097	
10:10 AM	6.14	8.08	2.468	
10:15 AM	5.72	7.80	2.169	0.01
10:20 AM	6.05	8.05	2.413	
10:25 AM	5.85	8.18	2.342	
10:30 AM	5.95	7.97	2.332	0.02
10:35 AM	5.97	7.57	2.227	
10:40 AM	5.60	8.19	2.215	
10:45 AM	5.17	7.80	1.889	0.08
10:50 AM	5.23	7.73	1.901	
10:55 AM	5.18	7.73	1.878	
11:00 AM	4.70	7.55	1.604	0.03
11:05 AM	5.20	7.91	1.930	
11:10 AM	5.25	7.78	1.927	
11:15 AM	5.20	7.63	1.865	0.01
11:20 AM	5.23	7.86	1.933	
11:25 AM	5.17	7.63	1.848	
11:30 AM	5.53	7.90	2.097	0.00
11:35 AM	5.43	7.81	2.021	
11:40 AM	5.14	7.95	1.909	
11:45 AM	5.27	7.71	1.916	0.00
11:50 AM	5.11	7.86	1.874	
11:55 AM	5.32	7.59	1.910	
12:00 PM	4.95	7.72	1.763	0.01
12:05 PM	5.10	7.74	1.837	
12:10 PM	5.13	7.81	1.871	
12:15 PM	5.19	7.77	1.890	0.02
12:20 PM	5.35	8.15	2.070	
12:25 PM	5.53	7.42	1.967	
12:30 PM	5.15	8.04	1.936	0.04
12:35 PM	4.95	7.50	1.713	
12:40 PM	5.17	8.01	1.940	
12:45 PM	5.04	7.67	1.793	0.03
12:50 PM	5.48	7.67	2.008	
12:55 PM	5.33	7.84	1.980	
1:00 PM	5.37	8.13	2.075	0.03
1:05 PM	5.43	7.63	1.976	
1:10 PM	5.47	7.53	1.969	
1:15 PM	5.57	8.17	2.191	0.00
1:20 PM	4.65	7.74	1.624	
1:25 PM	4.11	7.21	1.270	
1:30 PM	3.73	7.54	1.161	0.00
1:35 PM	3.87	7.36	1.194	
1:40 PM	3.66	7.02	1.052	
1:45 PM	3.34	7.61	1.002	0.00
1:50 PM	3.76	7.31	1.139	
1:55 PM	3.52	7.13	1.011	
2:00 PM	3.05	7.37	0.850	0.00
2:05 PM	3.41	7.00	0.950	
2:10 PM	3.48	7.45	1.038	

2:15 PM	3.66	7.28	1.089	0.00
2:20 PM	3.22	7.27	0.908	
2:25 PM	3.30	7.09	0.916	
2:30 PM	3.21	7.26	0.903	0.00
2:35 PM	3.19	7.36	0.907	
2:40 PM	3.23	7.03	0.882	
2:45 PM	2.96	7.45	0.824	0.00
2:50 PM	3.14	6.80	0.819	
2:55 PM	3.08	7.17	0.839	
3:00 PM	3.27	7.47	0.953	0.00
3:05 PM	3.12	6.90	0.826	
3:10 PM	2.97	7.16	0.795	
3:15 PM	3.20	7.35	0.910	0.00
3:20 PM	3.14	7.01	0.846	
3:25 PM	3.34	7.45	0.981	
3:30 PM	3.33	7.31	0.959	0.00
3:35 PM	2.91	7.10	0.766	
3:40 PM	3.41	7.03	0.952	
3:45 PM	2.90	7.36	0.790	0.00
3:50 PM	2.64	6.71	0.629	
3:55 PM	3.20	7.54	0.933	
4:00 PM	2.77	6.92	0.697	0.00
4:05 PM	2.99	6.65	0.747	
4:10 PM	2.34	5.71	0.451	
4:15 PM	1.96	2.76	0.169	0.00
4:20 PM	1.86	2.23	0.126	
4:25 PM	1.83	0.89	0.049	
4:30 PM	1.73	1.07	0.054	0.00
4:35 PM	1.88	1.01	0.058	
4:40 PM	1.89	1.25	0.072	
4:45 PM	1.58	0.91	0.041	0.00
4:50 PM	1.92	0.79	0.047	
4:55 PM	1.62	0.55	0.025	
5:00 PM	1.83	1.16	0.064	0.00
5:05 PM	1.64	0.68	0.032	
5:10 PM	2.02	1.47	0.094	
5:15 PM	1.67	1.00	0.048	0.00
5:20 PM	2.02	0.88	0.056	
5:25 PM	1.41	0.82	0.031	
5:30 PM	1.47	0.51	0.021	0.00
5:35 PM	1.54	0.99	0.042	
5:40 PM	1.58	0.67	0.030	
5:45 PM	1.19	0.71	0.021	0.00
5:50 PM	1.17	0.69	0.020	
5:55 PM	1.65	0.68	0.032	
6:00 PM	1.56	0.82	0.036	0.00
6:05 PM	1.49	0.96	0.039	
6:10 PM	1.73	1.32	0.067	
6:15 PM	1.63	0.88	0.041	0.00
6:20 PM	1.66	0.74	0.035	
6:25 PM	1.45	0.92	0.036	

6:30 PM	1.85	0.78	0.044	0.00
6:35 PM	1.44	0.89	0.035	
6:40 PM	1.74	0.85	0.044	
6:45 PM	1.42	0.86	0.033	0.00
6:50 PM	1.91	1.13	0.067	
6:55 PM	1.83	0.99	0.055	
7:00 PM	1.53	0.73	0.031	0.00
7:05 PM	2.04	1.31	0.085	
7:10 PM	1.53	0.71	0.030	
7:15 PM	1.84	0.78	0.043	0.00
7:20 PM	1.53	0.81	0.035	
7:25 PM	1.59	0.78	0.035	
7:30 PM	1.31	1.06	0.036	0.00
7:35 PM	1.53	1.10	0.047	
7:40 PM	2.31	0.64	0.050	
7:45 PM	1.91	1.38	0.081	0.00
7:50 PM	2.07	0.96	0.063	
7:55 PM	2.07	0.93	0.061	
8:00 PM	1.25	0.91	0.029	0.00
8:05 PM	2.01	0.88	0.056	
8:10 PM	1.83	0.95	0.053	
8:15 PM	1.70	1.00	0.050	0.00
8:20 PM	1.69	0.98	0.048	
8:25 PM	2.02	1.07	0.068	
8:30 PM	2.06	0.80	0.053	0.00
8:35 PM	1.90	1.10	0.064	
8:40 PM	1.70	0.96	0.047	
8:45 PM	1.38	0.89	0.032	0.00
8:50 PM	1.92	0.85	0.051	
8:55 PM	1.45	0.74	0.029	
9:00 PM	1.49	1.17	0.048	0.00
9:05 PM	1.63	0.94	0.044	
9:10 PM	1.71	0.44	0.022	
9:15 PM	1.71	0.98	0.049	0.00
9:20 PM	1.48	0.66	0.027	
9:25 PM	1.28	1.02	0.033	
9:30 PM	1.74	0.57	0.029	0.00
9:35 PM	1.83	1.24	0.068	
9:40 PM	1.43	0.68	0.026	
9:45 PM	1.82	1.13	0.062	0.00
9:50 PM	1.58	1.03	0.046	
9:55 PM	1.56	0.56	0.024	
10:00 PM	1.46	0.74	0.029	0.00
10:05 PM	1.48	0.95	0.038	
10:10 PM	1.49	0.85	0.035	
10:15 PM	1.59	0.56	0.025	0.00
10:20 PM	1.42	0.90	0.034	
10:25 PM	1.47	0.57	0.023	
10:30 PM	1.62	0.61	0.028	0.00
10:35 PM	1.51	0.99	0.041	
10:40 PM	0.94	0.46	0.010	

	10:45 PM	1.56	0.81	0.035	0.00
	10:50 PM	1.44	0.58	0.023	
	10:55 PM	1.51	1.31	0.055	
	11:00 PM	1.69	0.58	0.029	0.00
	11:05 PM	0.96	0.77	0.017	
	11:10 PM	1.59	0.91	0.041	
	11:15 PM	1.44	0.93	0.036	0.00
	11:20 PM	1.63	0.72	0.034	
	11:25 PM	1.33	0.72	0.025	
	11:30 PM	1.71	0.87	0.044	0.00
	11:35 PM	1.20	0.91	0.027	
	11:40 PM	1.41	0.68	0.026	
	11:45 PM	1.44	0.79	0.031	0.00
	11:50 PM	1.42	0.74	0.028	
	11:55 PM	1.42	0.78	0.030	
5/21/2023	12:00 AM	1.11	0.58	0.015	0.00
	12:05 AM	1.48	0.83	0.033	
	12:10 AM	1.25	0.55	0.017	
	12:15 AM	1.29	0.68	0.022	0.00
	12:20 AM	0.97	0.47	0.010	
	12:25 AM	1.59	0.83	0.037	
	12:30 AM	1.07	0.78	0.020	0.00
	12:35 AM	1.38	0.57	0.021	
	12:40 AM	1.04	0.43	0.010	
	12:45 AM	1.03	0.77	0.018	0.00
	12:50 AM	1.51	0.67	0.028	
	12:55 AM	1.46	0.60	0.024	
	1:00 AM	1.08	0.75	0.019	0.00
	1:05 AM	1.22	0.61	0.019	
	1:10 AM	1.00	0.77	0.018	
	1:15 AM	0.88	0.12	0.002	0.00
	1:20 AM	0.95	0.37	0.008	
	1:25 AM	1.32	0.52	0.018	
	1:30 AM	0.62	0.30	0.003	0.00
	1:35 AM	1.30	0.52	0.017	
	1:40 AM	1.17	0.64	0.018	
	1:45 AM	1.03	0.33	0.008	0.00
	1:50 AM	0.99	0.24	0.005	
	1:55 AM	0.94	0.15	0.003	
	2:00 AM	0.86	0.55	0.010	0.00
	2:05 AM	0.98	0.57	0.013	
	2:10 AM	0.81	0.14	0.002	
	2:15 AM	1.16	0.45	0.013	0.00
	2:20 AM	0.97	0.36	0.008	
	2:25 AM	0.89	0.39	0.007	
	2:30 AM	1.00	0.50	0.011	0.00
	2:35 AM	0.71	0.44	0.006	
	2:40 AM	0.82	0.25	0.004	
	2:45 AM	1.11	0.51	0.013	0.00
	2:50 AM	1.00	0.19	0.004	
	2:55 AM	0.88	0.85	0.016	

3:00 AM	0.62	0.03	0.000	0.00
3:05 AM	0.76	0.20	0.003	
3:10 AM	0.81	0.50	0.008	
3:15 AM	0.84	0.19	0.003	0.00
3:20 AM	0.89	0.54	0.010	
3:25 AM	0.65	0.08	0.001	
3:30 AM	0.58	0.29	0.003	0.00
3:35 AM	0.76	0.35	0.005	
3:40 AM	0.49	0.41	0.003	
3:45 AM	0.99	0.53	0.012	0.00
3:50 AM	0.76	0.50	0.008	
3:55 AM	0.39	0.19	0.001	
4:00 AM	0.71	0.37	0.005	0.00
4:05 AM	0.85	0.26	0.005	
4:10 AM	0.11	0.37	0.000	
4:15 AM	0.76	0.22	0.003	0.00
4:20 AM	0.50	0.14	0.001	
4:25 AM	0.68	0.58	0.007	
4:30 AM	0.62	0.05	0.001	0.00
4:35 AM	0.54	0.38	0.003	
4:40 AM	0.71	0.33	0.005	
4:45 AM	0.46	0.40	0.003	0.00
4:50 AM	0.61	0.33	0.004	
4:55 AM	1.23	0.18	0.006	
5:00 AM	0.48	0.38	0.003	0.00
5:05 AM	0.59	0.32	0.003	
5:10 AM	0.67	0.34	0.004	
5:15 AM	0.54	0.20	0.002	0.00
5:20 AM	0.95	0.32	0.007	
5:25 AM	0.54	0.59	0.005	
5:30 AM	0.68	0.00	0.000	0.00
5:35 AM	0.75	0.41	0.006	
5:40 AM	0.55	0.44	0.004	
5:45 AM	0.45	0.15	0.001	0.00
5:50 AM	0.92	0.59	0.012	
5:55 AM	0.53	0.34	0.003	
6:00 AM	0.91	0.16	0.003	0.00
6:05 AM	0.45	0.77	0.005	
6:10 AM	0.54	0.10	0.001	
6:15 AM	0.70	0.09	0.001	0.00
6:20 AM	0.54	0.71	0.006	
6:25 AM	0.57	0.32	0.003	
6:30 AM	0.99	0.19	0.004	0.00
6:35 AM	0.47	0.56	0.004	
6:40 AM	0.78	0.42	0.007	
6:45 AM	0.99	0.49	0.011	0.00
6:50 AM	0.77	0.14	0.002	
6:55 AM	0.81	0.48	0.008	
7:00 AM	0.40	0.42	0.002	0.00
7:05 AM	0.92	0.17	0.003	
7:10 AM	0.67	0.22	0.003	

7:15 AM	0.93	0.41	0.008	0.00
7:20 AM	0.67	0.49	0.006	
7:25 AM	0.99	0.48	0.011	
7:30 AM	0.72	0.33	0.005	0.00
7:35 AM	1.12	0.72	0.019	
7:40 AM	0.98	0.23	0.005	
7:45 AM	0.83	0.58	0.010	0.00
7:50 AM	0.97	0.27	0.006	
7:55 AM	0.97	0.67	0.015	
8:00 AM	1.27	0.36	0.012	0.00
8:05 AM	0.96	0.44	0.009	
8:10 AM	0.98	0.38	0.009	
8:15 AM	1.03	0.23	0.006	0.00
8:20 AM	1.29	0.78	0.026	
8:25 AM	1.52	0.68	0.029	
8:30 AM	1.36	0.65	0.023	0.00
8:35 AM	1.19	0.69	0.020	
8:40 AM	1.84	0.59	0.033	
8:45 AM	1.02	0.51	0.012	0.00
8:50 AM	1.36	0.65	0.023	
8:55 AM	1.47	0.72	0.029	
9:00 AM	1.58	0.78	0.035	0.00
9:05 AM	1.48	0.81	0.033	
9:10 AM	1.68	0.88	0.043	
9:15 AM	1.68	0.79	0.039	0.00
9:20 AM	1.64	1.04	0.049	
9:25 AM	1.81	1.04	0.057	
9:30 AM	1.75	0.59	0.031	0.00
9:35 AM	1.57	1.27	0.056	
9:40 AM	1.91	0.78	0.046	
9:45 AM	1.64	1.25	0.059	0.00
9:50 AM	1.94	1.22	0.073	
9:55 AM	1.54	0.84	0.036	
10:00 AM	1.74	0.76	0.039	0.00
10:05 AM	1.76	0.93	0.048	
10:10 AM	2.11	1.20	0.081	
10:15 AM	1.90	1.07	0.062	0.00
10:20 AM	1.91	1.07	0.063	
10:25 AM	1.45	0.94	0.037	
10:30 AM	1.88	1.18	0.068	0.00
10:35 AM	2.09	1.15	0.077	
10:40 AM	2.03	1.12	0.072	
10:45 AM	2.21	1.09	0.079	0.00
10:50 AM	1.49	1.00	0.041	
10:55 AM	1.92	1.47	0.087	
11:00 AM	1.97	0.86	0.053	0.00
11:05 AM	1.88	1.16	0.067	
11:10 AM	1.72	0.58	0.029	
11:15 AM	1.85	1.19	0.067	0.00
11:20 AM	1.86	1.07	0.061	
11:25 AM	1.92	1.07	0.064	

11:30 AM	1.84	0.88	0.049	0.00
11:35 AM	1.75	1.25	0.065	
11:40 AM	1.36	0.83	0.030	
11:45 AM	2.14	1.07	0.074	0.00
11:50 AM	2.15	1.20	0.084	
11:55 AM	1.58	1.05	0.047	
12:00 PM	1.98	0.85	0.053	0.00
12:05 PM	2.11	1.03	0.070	
12:10 PM	1.44	0.91	0.035	
12:15 PM	1.93	0.98	0.059	0.00
12:20 PM	1.69	0.85	0.042	
12:25 PM	1.55	0.90	0.039	
12:30 PM	1.93	1.10	0.065	0.00
12:35 PM	1.85	1.12	0.063	
12:40 PM	1.96	1.13	0.069	
12:45 PM	1.57	0.68	0.030	0.00
12:50 PM	1.83	1.47	0.081	
12:55 PM	1.84	0.65	0.036	
1:00 PM	1.52	0.93	0.039	0.00
1:05 PM	1.51	0.54	0.022	
1:10 PM	0.98	0.86	0.019	
1:15 PM	1.72	0.88	0.044	0.00
1:20 PM	1.33	0.76	0.026	
1:25 PM	1.55	0.66	0.029	
1:30 PM	1.34	1.02	0.036	0.00
1:35 PM	1.42	0.59	0.022	
1:40 PM	1.27	0.89	0.029	
1:45 PM	1.80	0.89	0.048	0.00
1:50 PM	1.68	0.87	0.042	
1:55 PM	1.27	1.04	0.034	
2:00 PM	1.69	0.85	0.042	0.00
2:05 PM	1.54	1.08	0.046	
2:10 PM	1.46	0.85	0.034	
2:15 PM	1.34	0.53	0.019	0.00
2:20 PM	1.54	1.02	0.044	
2:25 PM	1.95	0.99	0.060	
2:30 PM	1.73	1.04	0.053	0.00
2:35 PM	2.16	1.12	0.079	
2:40 PM	1.42	1.09	0.042	
2:45 PM	1.72	0.85	0.043	0.00
2:50 PM	1.85	0.94	0.053	
2:55 PM	1.92	0.99	0.059	
3:00 PM	1.49	0.75	0.030	0.00
3:05 PM	2.33	1.25	0.098	
3:10 PM	1.48	1.10	0.045	
3:15 PM	1.79	0.80	0.043	0.00
3:20 PM	1.80	1.02	0.055	
3:25 PM	1.46	0.69	0.027	
3:30 PM	1.52	0.79	0.033	0.00
3:35 PM	1.82	1.20	0.066	
3:40 PM	1.81	0.87	0.047	

3:45 PM	1.34	0.89	0.031	0.00
3:50 PM	1.25	0.73	0.023	
3:55 PM	2.03	1.06	0.068	
4:00 PM	1.52	0.77	0.033	0.00
4:05 PM	1.69	1.00	0.049	
4:10 PM	1.73	0.97	0.049	
4:15 PM	1.39	0.79	0.029	0.00
4:20 PM	1.68	0.80	0.039	
4:25 PM	1.29	0.99	0.033	
4:30 PM	1.93	1.12	0.067	0.00
4:35 PM	1.44	0.98	0.038	
4:40 PM	1.34	0.67	0.024	
4:45 PM	1.37	0.71	0.026	0.00
4:50 PM	1.47	0.89	0.036	
4:55 PM	1.36	0.65	0.023	
5:00 PM	1.44	0.89	0.035	0.00
5:05 PM	1.53	0.94	0.040	
5:10 PM	1.50	0.65	0.027	
5:15 PM	1.52	1.02	0.043	0.00
5:20 PM	1.59	0.67	0.030	
5:25 PM	1.74	1.19	0.061	
5:30 PM	1.61	1.21	0.055	0.00
5:35 PM	1.63	0.81	0.038	
5:40 PM	1.89	1.16	0.067	
5:45 PM	1.59	0.84	0.038	0.00
5:50 PM	2.25	1.27	0.095	
5:55 PM	1.51	0.89	0.037	
6:00 PM	1.75	0.89	0.046	0.00
6:05 PM	1.85	1.30	0.073	
6:10 PM	2.02	0.54	0.034	
6:15 PM	1.52	1.24	0.052	0.00
6:20 PM	2.08	0.81	0.054	
6:25 PM	1.83	1.18	0.065	
6:30 PM	1.63	1.06	0.050	0.00
6:35 PM	1.86	0.82	0.046	
6:40 PM	1.70	1.14	0.057	
6:45 PM	1.99	1.02	0.064	0.00
6:50 PM	1.86	1.29	0.073	
6:55 PM	2.22	0.89	0.065	
7:00 PM	1.79	0.95	0.051	0.00
7:05 PM	1.77	1.23	0.065	
7:10 PM	1.69	0.73	0.036	
7:15 PM	1.66	1.12	0.054	0.00
7:20 PM	1.70	0.72	0.036	
7:25 PM	1.66	1.06	0.051	
7:30 PM	1.86	1.02	0.058	0.00
7:35 PM	1.78	0.99	0.053	
7:40 PM	1.68	1.18	0.058	
7:45 PM	1.93	0.77	0.046	0.00
7:50 PM	1.73	1.37	0.070	
7:55 PM	2.13	0.79	0.055	

8:00 PM	1.50	1.04	0.043	0.00
8:05 PM	2.15	1.25	0.087	
8:10 PM	1.80	1.02	0.055	
8:15 PM	1.53	1.15	0.049	0.00
8:20 PM	1.89	0.68	0.039	
8:25 PM	1.97	1.20	0.074	
8:30 PM	1.78	1.08	0.057	0.00
8:35 PM	1.80	0.97	0.052	
8:40 PM	2.38	0.96	0.077	
8:45 PM	1.92	1.43	0.084	0.00
8:50 PM	1.86	1.11	0.063	
8:55 PM	2.25	0.92	0.069	
9:00 PM	2.15	1.06	0.074	0.00
9:05 PM	1.68	1.05	0.051	
9:10 PM	2.13	1.06	0.073	
9:15 PM	2.35	1.09	0.086	0.00
9:20 PM	1.73	1.35	0.068	
9:25 PM	2.46	1.13	0.096	
9:30 PM	1.88	1.03	0.059	0.00
9:35 PM	2.11	0.87	0.060	
9:40 PM	2.30	1.16	0.089	
9:45 PM	1.87	1.39	0.079	0.00
9:50 PM	2.35	1.23	0.098	
9:55 PM	1.83	0.77	0.042	
10:00 PM	2.05	1.05	0.068	0.00
10:05 PM	1.85	1.02	0.057	
10:10 PM	1.84	1.05	0.059	
10:15 PM	1.75	0.67	0.035	0.00
10:20 PM	1.66	0.84	0.041	
10:25 PM	1.83	0.99	0.055	
10:30 PM	1.63	1.02	0.048	0.00
10:35 PM	1.81	1.22	0.066	
10:40 PM	1.65	0.68	0.032	
10:45 PM	1.70	0.90	0.045	0.00
10:50 PM	1.47	1.07	0.043	
10:55 PM	1.89	0.88	0.051	
11:00 PM	1.84	1.11	0.062	0.00
11:05 PM	1.69	1.14	0.056	
11:10 PM	1.60	0.71	0.032	
11:15 PM	1.62	1.08	0.050	0.00
11:20 PM	1.54	0.66	0.028	
11:25 PM	1.42	0.97	0.037	
11:30 PM	1.48	0.31	0.013	0.00
11:35 PM	1.24	0.95	0.030	
11:40 PM	1.30	0.80	0.027	
11:45 PM	1.52	0.64	0.027	0.00
11:50 PM	1.69	0.83	0.041	
11:55 PM	0.89	0.72	0.014	
5/22/2023 12:00 AM	1.64	0.83	0.039	0.00
12:05 AM	1.36	0.67	0.024	
12:10 AM	1.29	0.76	0.025	

12:15 AM	1.21	0.76	0.023	0.00
12:20 AM	1.16	0.38	0.011	
12:25 AM	1.28	1.05	0.034	
12:30 AM	1.36	0.70	0.025	0.00
12:35 AM	1.45	0.62	0.024	
12:40 AM	0.75	0.63	0.009	
12:45 AM	1.27	0.65	0.021	0.00
12:50 AM	0.96	0.63	0.013	
12:55 AM	1.06	0.40	0.010	
1:00 AM	1.13	0.61	0.017	0.00
1:05 AM	1.13	0.49	0.013	
1:10 AM	0.97	0.10	0.002	
1:15 AM	1.25	0.07	0.002	0.00
1:20 AM	0.80	0.07	0.001	
1:25 AM	0.66	0.08	0.001	
1:30 AM	1.03	0.16	0.004	0.00
1:35 AM	0.93	0.07	0.001	
1:40 AM	0.76	0.08	0.001	
1:45 AM	0.51	0.11	0.001	0.00
1:50 AM	0.75	0.12	0.002	
1:55 AM	0.85	0.35	0.006	
2:00 AM	0.70	0.11	0.001	0.00
2:05 AM	0.67	0.18	0.002	
2:10 AM	0.65	0.40	0.005	
2:15 AM	0.55	0.05	0.000	0.00
2:20 AM	0.93	0.25	0.005	
2:25 AM	0.55	0.11	0.001	
2:30 AM	1.00	0.16	0.004	0.00
2:35 AM	0.44	0.17	0.001	
2:40 AM	0.69	0.09	0.001	
2:45 AM	0.52	0.09	0.001	0.00
2:50 AM	0.66	0.21	0.003	
2:55 AM	0.86	0.10	0.002	
3:00 AM	0.68	0.24	0.003	0.00
3:05 AM	0.35	0.22	0.001	
3:10 AM	0.68	0.14	0.002	
3:15 AM	0.86	0.44	0.008	0.00
3:20 AM	0.20	0.18	0.000	
3:25 AM	0.84	0.09	0.002	
3:30 AM	0.29	0.13	0.000	0.00
3:35 AM	0.37	0.17	0.001	
3:40 AM	0.94	0.21	0.004	
3:45 AM	0.59	0.08	0.001	0.00
3:50 AM	0.90	0.26	0.005	
3:55 AM	0.37	0.12	0.001	
4:00 AM	0.71	0.25	0.003	0.00
4:05 AM	0.43	0.41	0.003	
4:10 AM	0.73	0.09	0.001	
4:15 AM	0.64	0.20	0.002	0.00
4:20 AM	0.59	0.23	0.002	
4:25 AM	0.45	0.12	0.001	

4:30 AM	1.04	0.03	0.001	0.00
4:35 AM	0.11	0.33	0.000	
4:40 AM	0.53	0.09	0.001	
4:45 AM	0.68	0.47	0.006	0.00
4:50 AM	0.84	0.07	0.001	
4:55 AM	0.36	0.36	0.002	
5:00 AM	0.67	0.40	0.005	0.00
5:05 AM	0.70	0.05	0.001	
5:10 AM	0.43	0.33	0.002	
5:15 AM	0.75	0.35	0.005	0.00
5:20 AM	0.62	0.22	0.003	
5:25 AM	0.76	0.29	0.004	
5:30 AM	0.75	0.04	0.001	0.00
5:35 AM	0.38	0.45	0.002	
5:40 AM	0.82	0.31	0.005	
5:45 AM	0.78	0.03	0.001	0.00
5:50 AM	0.55	0.48	0.004	
5:55 AM	0.66	0.24	0.003	
6:00 AM	0.46	0.47	0.003	0.00
6:05 AM	0.95	0.17	0.004	
6:10 AM	0.92	0.94	0.019	
6:15 AM	0.70	0.22	0.003	0.00
6:20 AM	1.12	0.55	0.015	
6:25 AM	0.73	0.20	0.003	
6:30 AM	1.23	0.68	0.021	0.00
6:35 AM	1.58	0.64	0.028	
6:40 AM	1.07	0.38	0.009	
6:45 AM	1.28	0.70	0.023	0.00
6:50 AM	1.58	1.12	0.050	
6:55 AM	1.63	0.56	0.026	
7:00 AM	0.80	0.49	0.008	0.00
7:05 AM	1.57	0.49	0.021	
7:10 AM	1.48	0.80	0.032	
7:15 AM	1.73	1.04	0.053	0.00
7:20 AM	1.44	0.55	0.021	
7:25 AM	1.49	0.70	0.029	
7:30 AM	1.69	0.74	0.036	0.00
7:35 AM	1.84	0.80	0.044	
7:40 AM	1.50	0.83	0.034	
7:45 AM	1.68	0.52	0.026	0.00
7:50 AM	1.76	0.73	0.038	
7:55 AM	1.35	0.71	0.025	
8:00 AM	1.33	0.49	0.017	0.00
8:05 AM	1.71	0.77	0.039	
8:10 AM	1.48	0.86	0.034	
8:15 AM	1.60	0.80	0.036	0.00
8:20 AM	2.15	0.62	0.043	
8:25 AM	1.75	0.97	0.051	
8:30 AM	1.79	1.06	0.057	0.00
8:35 AM	1.83	0.83	0.046	
8:40 AM	1.77	0.69	0.036	

8:45 AM	1.92	0.80	0.047	0.00
8:50 AM	1.59	0.99	0.044	
8:55 AM	1.59	0.81	0.036	
9:00 AM	1.46	0.74	0.030	0.00
9:05 AM	1.54	0.46	0.020	
9:10 AM	1.70	1.03	0.051	
9:15 AM	1.22	0.38	0.012	0.00
9:20 AM	1.67	1.02	0.049	
9:25 AM	1.75	0.92	0.048	
9:30 AM	1.53	0.85	0.036	0.00
9:35 AM	1.64	0.71	0.034	
9:40 AM	1.79	0.89	0.047	
9:45 AM	1.20	0.48	0.014	0.00
9:50 AM	1.70	0.79	0.039	
9:55 AM	1.54	0.99	0.042	
10:00 AM	1.27	0.56	0.018	0.00
10:05 AM	1.89	0.95	0.055	
10:10 AM	1.51	0.87	0.036	
10:15 AM	1.80	0.66	0.036	0.00
10:20 AM	1.54	0.66	0.028	
10:25 AM	1.21	0.58	0.017	
10:30 AM	1.66	0.82	0.039	0.00
10:35 AM	1.47	0.59	0.023	
10:40 AM	1.59	0.86	0.039	
10:45 AM	1.86	0.95	0.053	0.00
10:50 AM	1.52	0.91	0.038	
10:55 AM	1.69	0.60	0.030	
11:00 AM	1.48	0.78	0.031	0.00
11:05 AM	1.16	0.70	0.020	
11:10 AM	1.34	0.62	0.022	
11:15 AM	1.68	0.93	0.046	0.00
11:20 AM	1.43	0.84	0.032	
11:25 AM	1.51	0.55	0.023	
11:30 AM	1.55	1.04	0.045	0.00
11:35 AM	1.61	1.06	0.049	
11:40 AM	1.44	0.83	0.032	
11:45 AM	1.34	0.74	0.026	0.00
11:50 AM	1.68	0.78	0.038	
11:55 AM	1.48	0.81	0.033	
12:00 PM	1.39	0.97	0.036	0.00
12:05 PM	1.44	0.67	0.026	
12:10 PM	1.63	1.06	0.049	
12:15 PM	1.15	0.75	0.021	0.00
12:20 PM	1.29	0.75	0.025	
12:25 PM	1.43	0.53	0.020	
12:30 PM	1.31	1.02	0.034	0.00
12:35 PM	1.30	0.68	0.023	
12:40 PM	1.86	0.61	0.035	
12:45 PM	1.05	0.86	0.021	0.00
12:50 PM	1.70	1.04	0.052	
12:55 PM	1.62	0.76	0.035	

1:00 PM	1.06	0.84	0.021	0.00
1:05 PM	1.49	0.94	0.038	
1:10 PM	1.70	0.58	0.029	
1:15 PM	1.27	0.84	0.027	0.00
1:20 PM	1.11	0.61	0.016	
1:25 PM	1.24	0.66	0.020	
1:30 PM	1.35	0.78	0.028	0.00
1:35 PM	1.57	1.17	0.051	
1:40 PM	1.37	0.59	0.021	
1:45 PM	1.20	0.90	0.027	0.00
1:50 PM	1.40	0.68	0.025	
1:55 PM	1.28	0.87	0.028	
2:00 PM	1.15	0.81	0.023	0.00
2:05 PM	1.40	0.93	0.034	
2:10 PM	1.30	0.62	0.021	
2:15 PM	1.48	0.57	0.023	0.00
2:20 PM	0.84	0.91	0.016	
2:25 PM	1.06	0.63	0.016	
2:30 PM	1.45	0.41	0.016	0.00
2:35 PM	1.32	0.74	0.025	
2:40 PM	1.16	1.09	0.031	
2:45 PM	1.27	0.76	0.025	0.00
2:50 PM	1.28	0.82	0.027	
2:55 PM	1.49	0.68	0.028	
3:00 PM	1.34	0.80	0.028	0.00
3:05 PM	1.01	0.47	0.011	
3:10 PM	1.20	0.82	0.024	
3:15 PM	1.10	0.78	0.020	0.00
3:20 PM	1.44	0.61	0.024	
3:25 PM	1.01	0.74	0.017	
3:30 PM	1.45	1.05	0.041	0.00
3:35 PM	1.42	0.84	0.032	
3:40 PM	1.26	0.77	0.024	
3:45 PM	1.25	0.66	0.021	0.00
3:50 PM	1.78	1.22	0.065	
3:55 PM	1.37	0.53	0.019	
4:00 PM	1.76	1.20	0.063	0.00
4:05 PM	1.36	0.79	0.028	
4:10 PM	1.52	0.88	0.037	
4:15 PM	1.35	0.83	0.029	0.00
4:20 PM	1.62	1.05	0.049	
4:25 PM	1.12	0.72	0.019	
4:30 PM	1.29	0.54	0.018	0.00
4:35 PM	1.45	0.90	0.035	
4:40 PM	1.06	0.73	0.018	
4:45 PM	1.60	1.11	0.050	0.00
4:50 PM	1.69	0.35	0.017	
4:55 PM	0.95	1.11	0.023	
5:00 PM	1.41	0.67	0.025	0.00
5:05 PM	1.73	0.83	0.042	
5:10 PM	1.30	0.82	0.027	

5:15 PM	1.73	0.99	0.050	0.00
5:20 PM	1.18	0.86	0.025	
5:25 PM	1.46	1.00	0.040	
5:30 PM	1.32	0.77	0.026	0.00
5:35 PM	1.58	0.78	0.035	
5:40 PM	1.43	0.87	0.034	
5:45 PM	1.21	0.94	0.028	0.00
5:50 PM	1.95	1.07	0.065	
5:55 PM	1.27	0.54	0.017	
6:00 PM	1.14	0.78	0.022	0.00
6:05 PM	1.37	0.83	0.030	
6:10 PM	1.14	0.74	0.020	
6:15 PM	1.35	0.98	0.035	0.00
6:20 PM	1.39	0.89	0.033	
6:25 PM	1.64	0.87	0.041	
6:30 PM	1.31	0.97	0.033	0.00
6:35 PM	1.48	0.88	0.035	
6:40 PM	1.53	0.93	0.040	
6:45 PM	1.61	1.17	0.053	0.00
6:50 PM	1.35	0.57	0.020	
6:55 PM	1.72	0.95	0.048	
7:00 PM	1.60	1.06	0.048	0.00
7:05 PM	1.67	1.01	0.049	
7:10 PM	1.45	0.51	0.020	
7:15 PM	1.31	1.09	0.037	0.00
7:20 PM	1.81	0.87	0.047	
7:25 PM	1.27	0.95	0.031	
7:30 PM	1.25	0.70	0.022	0.00
7:35 PM	1.68	1.02	0.050	
7:40 PM	1.46	0.80	0.032	
7:45 PM	1.53	1.03	0.044	0.00
7:50 PM	1.46	0.86	0.034	
7:55 PM	1.76	1.01	0.052	
8:00 PM	1.87	0.89	0.051	0.00
8:05 PM	1.57	1.03	0.046	
8:10 PM	1.59	0.69	0.031	
8:15 PM	1.36	1.06	0.038	0.00
8:20 PM	1.75	0.62	0.032	
8:25 PM	1.24	1.02	0.032	
8:30 PM	2.10	1.35	0.091	0.00
8:35 PM	1.58	0.82	0.036	
8:40 PM	1.42	0.97	0.037	
8:45 PM	2.24	1.19	0.088	0.00
8:50 PM	1.88	1.05	0.060	
8:55 PM	1.50	1.27	0.052	
9:00 PM	2.01	1.05	0.066	0.00
9:05 PM	1.76	0.72	0.037	
9:10 PM	1.92	1.00	0.059	
9:15 PM	2.17	1.43	0.101	0.00
9:20 PM	1.60	0.90	0.041	
9:25 PM	2.05	1.02	0.067	

	9:30 PM	1.88	1.40	0.080	0.00
	9:35 PM	1.64	0.81	0.038	
	9:40 PM	1.72	1.04	0.052	
	9:45 PM	1.97	1.03	0.063	0.00
	9:50 PM	2.34	1.20	0.095	
	9:55 PM	1.78	1.28	0.068	
	10:00 PM	1.79	1.00	0.054	0.00
	10:05 PM	2.25	1.05	0.078	
	10:10 PM	2.03	1.30	0.083	
	10:15 PM	1.92	1.29	0.077	0.00
	10:20 PM	2.01	1.27	0.080	
	10:25 PM	1.89	0.88	0.051	
	10:30 PM	1.83	0.85	0.047	0.00
	10:35 PM	1.88	1.19	0.068	
	10:40 PM	1.94	1.05	0.063	
	10:45 PM	1.39	0.86	0.032	0.00
	10:50 PM	1.66	1.02	0.049	
	10:55 PM	1.62	0.60	0.028	
	11:00 PM	1.07	0.63	0.016	0.00
	11:05 PM	1.56	1.02	0.045	
	11:10 PM	1.55	0.86	0.037	
	11:15 PM	1.52	0.89	0.038	0.00
	11:20 PM	1.28	0.84	0.027	
	11:25 PM	1.48	0.69	0.028	
	11:30 PM	1.53	0.80	0.034	0.00
	11:35 PM	1.31	0.63	0.021	
	11:40 PM	1.30	0.92	0.031	
	11:45 PM	1.14	0.54	0.015	0.00
	11:50 PM	1.74	1.14	0.059	
	11:55 PM	1.53	0.70	0.030	
5/23/2023	12:00 AM	1.12	0.72	0.019	0.00
	12:05 AM	1.10	0.44	0.012	
	12:10 AM	1.14	1.19	0.033	
	12:15 AM	1.16	0.56	0.016	0.00
	12:20 AM	0.95	0.83	0.017	
	12:25 AM	1.07	0.60	0.015	
	12:30 AM	1.37	0.68	0.025	0.00
	12:35 AM	0.97	0.36	0.008	
	12:40 AM	1.05	0.76	0.019	
	12:45 AM	0.91	0.76	0.015	0.00
	12:50 AM	1.12	0.59	0.016	
	12:55 AM	1.17	0.64	0.018	
	1:00 AM	0.89	0.78	0.015	0.00
	1:05 AM	1.05	0.47	0.012	
	1:10 AM	0.76	0.77	0.012	
	1:15 AM	0.89	0.60	0.012	0.00
	1:20 AM	0.96	0.51	0.011	
	1:25 AM	0.93	0.55	0.011	
	1:30 AM	0.47	0.57	0.004	0.00
	1:35 AM	0.87	0.79	0.014	
	1:40 AM	0.79	0.41	0.006	

1:45 AM	0.87	0.04	0.001	0.00
1:50 AM	0.66	0.69	0.008	
1:55 AM	1.07	0.52	0.013	
2:00 AM	0.43	0.48	0.003	0.00
2:05 AM	0.79	0.36	0.006	
2:10 AM	0.87	0.56	0.010	
2:15 AM	0.64	0.72	0.008	0.00
2:20 AM	0.83	0.67	0.012	
2:25 AM	0.49	0.29	0.002	
2:30 AM	0.81	0.68	0.011	0.00
2:35 AM	0.59	0.19	0.002	
2:40 AM	0.99	0.61	0.014	
2:45 AM	0.93	0.58	0.012	0.00
2:50 AM	0.68	0.59	0.008	
2:55 AM	0.48	0.36	0.003	
3:00 AM	1.01	0.48	0.011	0.00
3:05 AM	0.49	0.65	0.005	
3:10 AM	0.91	0.45	0.009	
3:15 AM	0.66	0.42	0.005	0.00
3:20 AM	0.84	0.47	0.008	
3:25 AM	0.99	0.61	0.014	
3:30 AM	0.30	0.75	0.003	0.00
3:35 AM	1.23	0.46	0.014	
3:40 AM	0.84	0.60	0.011	
3:45 AM	0.53	0.46	0.004	0.00
3:50 AM	0.81	0.74	0.012	
3:55 AM	0.72	0.53	0.007	
4:00 AM	1.20	0.45	0.013	0.00
4:05 AM	0.41	0.43	0.003	
4:10 AM	0.41	0.69	0.004	
4:15 AM	0.77	0.41	0.006	0.00
4:20 AM	0.68	0.44	0.006	
4:25 AM	0.80	0.75	0.012	
4:30 AM	0.59	0.16	0.002	0.00
4:35 AM	0.89	0.58	0.011	
4:40 AM	0.84	0.08	0.001	
4:45 AM	0.69	0.19	0.003	0.00
4:50 AM	0.78	0.05	0.001	
4:55 AM	0.82	0.20	0.003	
5:00 AM	0.41	0.11	0.001	0.00
5:05 AM	0.63	0.01	0.000	
5:10 AM	0.88	0.01	0.000	
5:15 AM	0.48	0.04	0.000	0.00
5:20 AM	0.93	0.16	0.003	
5:25 AM	0.64	0.10	0.001	
5:30 AM	0.73	0.15	0.002	0.00
5:35 AM	0.34	0.38	0.002	
5:40 AM	1.23	0.33	0.010	
5:45 AM	0.59	0.05	0.001	0.00
5:50 AM	0.65	0.31	0.004	
5:55 AM	0.67	0.16	0.002	

6:00 AM	0.72	0.25	0.003	0.00
6:05 AM	0.86	0.12	0.002	
6:10 AM	0.80	0.19	0.003	
6:15 AM	0.83	0.18	0.003	0.00
6:20 AM	0.82	0.46	0.008	
6:25 AM	0.52	0.07	0.001	
6:30 AM	0.83	0.47	0.008	0.00
6:35 AM	1.43	0.88	0.034	
6:40 AM	1.02	0.63	0.015	
6:45 AM	1.07	0.78	0.020	0.00
6:50 AM	1.22	0.83	0.025	
6:55 AM	1.04	0.72	0.017	
7:00 AM	1.75	0.95	0.049	0.00
7:05 AM	1.46	0.96	0.038	
7:10 AM	1.50	0.59	0.024	
7:15 AM	1.50	0.87	0.036	0.00
7:20 AM	1.72	1.05	0.053	
7:25 AM	1.73	1.12	0.057	
7:30 AM	1.68	0.97	0.047	0.00
7:35 AM	1.68	0.84	0.041	
7:40 AM	1.81	1.03	0.056	
7:45 AM	1.39	0.88	0.033	0.00
7:50 AM	1.88	0.87	0.050	
7:55 AM	1.51	0.83	0.035	
8:00 AM	1.81	1.05	0.057	0.00
8:05 AM	1.67	0.79	0.038	
8:10 AM	1.49	0.88	0.036	
8:15 AM	1.78	0.86	0.045	0.00
8:20 AM	1.93	0.83	0.050	
8:25 AM	1.21	1.04	0.031	
8:30 AM	1.70	0.84	0.042	0.00
8:35 AM	1.40	0.86	0.032	
8:40 AM	2.05	1.07	0.070	
8:45 AM	1.37	0.86	0.031	0.00
8:50 AM	1.80	0.65	0.035	
8:55 AM	1.32	1.00	0.034	
9:00 AM	1.51	0.60	0.025	0.00
9:05 AM	2.03	1.01	0.065	
9:10 AM	1.48	1.03	0.042	
9:15 AM	1.61	0.88	0.040	0.00
9:20 AM	1.54	0.87	0.037	
9:25 AM	1.76	1.34	0.070	
9:30 AM	1.92	0.93	0.055	0.00
9:35 AM	1.98	0.98	0.061	
9:40 AM	1.34	1.06	0.037	
9:45 AM	1.41	0.63	0.024	0.00
9:50 AM	1.36	0.77	0.028	
9:55 AM	1.54	0.71	0.031	
10:00 AM	1.74	0.79	0.040	0.00
10:05 AM	1.06	0.61	0.015	
10:10 AM	1.49	0.69	0.028	

10:15 AM	1.59	0.93	0.042	0.00
10:20 AM	1.21	0.89	0.027	
10:25 AM	1.37	0.87	0.032	
10:30 AM	1.37	0.65	0.024	0.00
10:35 AM	1.31	0.82	0.027	
10:40 AM	1.41	1.06	0.040	
10:45 AM	1.20	0.36	0.011	0.00
10:50 AM	1.45	0.96	0.038	
10:55 AM	1.39	0.46	0.017	
11:00 AM	1.24	0.94	0.029	0.00
11:05 AM	1.35	0.87	0.031	
11:10 AM	1.48	0.64	0.026	
11:15 AM	0.97	0.86	0.019	0.00
11:20 AM	1.41	0.58	0.022	
11:25 AM	1.46	0.97	0.038	
11:30 AM	1.39	0.84	0.031	0.00
11:35 AM	1.59	0.70	0.032	
11:40 AM	1.23	0.68	0.021	
11:45 AM	0.96	0.65	0.014	0.00
11:50 AM	1.41	0.86	0.032	
11:55 AM	1.33	0.70	0.024	
12:00 PM	1.34	1.05	0.037	0.00
12:05 PM	1.58	0.59	0.026	
12:10 PM	1.02	0.84	0.020	
12:15 PM	1.58	0.64	0.028	0.00
12:20 PM	1.58	0.86	0.038	
12:25 PM	1.20	0.62	0.019	
12:30 PM	1.26	0.67	0.021	0.00
12:35 PM	1.12	1.00	0.027	
12:40 PM	1.31	0.83	0.028	
12:45 PM	1.10	0.67	0.018	0.00
12:50 PM	1.58	0.77	0.034	
12:55 PM	1.18	0.83	0.024	
1:00 PM	1.50	0.81	0.033	0.00
1:05 PM	1.38	0.65	0.024	
1:10 PM	1.60	0.58	0.026	
1:15 PM	1.10	0.88	0.023	0.00
1:20 PM	1.23	1.09	0.033	
1:25 PM	1.68	0.68	0.033	
1:30 PM	1.43	0.79	0.031	0.00
1:35 PM	1.60	1.08	0.049	
1:40 PM	1.32	0.55	0.019	
1:45 PM	1.69	0.93	0.046	0.00
1:50 PM	1.56	0.86	0.038	
1:55 PM	1.59	0.89	0.040	
2:00 PM	1.74	0.73	0.038	0.00
2:05 PM	1.44	0.94	0.036	
2:10 PM	1.58	0.92	0.041	
2:15 PM	1.11	0.51	0.014	0.00
2:20 PM	1.27	0.91	0.030	
2:25 PM	1.66	0.95	0.045	

2:30 PM	1.48	0.79	0.032	0.00
2:35 PM	1.56	0.86	0.037	
2:40 PM	1.54	0.93	0.040	
2:45 PM	1.63	0.80	0.037	0.00
2:50 PM	1.55	0.87	0.038	
2:55 PM	1.26	0.67	0.021	
3:00 PM	1.59	0.87	0.039	0.00
3:05 PM	1.35	1.08	0.038	
3:10 PM	1.59	0.60	0.027	
3:15 PM	1.25	0.91	0.029	0.00
3:20 PM	1.58	0.74	0.033	
3:25 PM	1.05	0.56	0.014	
3:30 PM	1.30	0.92	0.031	0.00
3:35 PM	1.62	1.07	0.050	
3:40 PM	1.08	0.75	0.019	
3:45 PM	1.59	0.79	0.035	0.00
3:50 PM	1.36	0.85	0.030	
3:55 PM	1.26	0.98	0.031	
4:00 PM	1.43	0.61	0.023	0.00
4:05 PM	1.49	1.28	0.052	
4:10 PM	1.85	0.46	0.026	
4:15 PM	1.27	0.81	0.026	0.00
4:20 PM	1.40	1.04	0.039	
4:25 PM	1.43	0.67	0.026	
4:30 PM	1.57	0.96	0.043	0.00
4:35 PM	1.44	0.67	0.026	
4:40 PM	1.52	0.90	0.038	
4:45 PM	1.34	0.88	0.031	0.00
4:50 PM	1.77	1.10	0.058	
4:55 PM	1.66	0.88	0.042	
5:00 PM	1.76	0.85	0.045	0.00
5:05 PM	1.60	0.72	0.033	
5:10 PM	1.68	0.93	0.045	
5:15 PM	1.66	1.19	0.057	0.00
5:20 PM	1.42	0.74	0.028	
5:25 PM	1.57	1.05	0.047	
5:30 PM	1.54	0.76	0.033	0.00
5:35 PM	1.83	0.96	0.053	
5:40 PM	1.51	0.94	0.039	
5:45 PM	1.75	0.68	0.035	0.00
5:50 PM	1.43	0.87	0.033	
5:55 PM	1.73	1.08	0.055	
6:00 PM	1.80	0.79	0.043	0.00
6:05 PM	1.58	0.65	0.029	
6:10 PM	1.45	0.98	0.038	
6:15 PM	1.51	0.98	0.041	0.00
6:20 PM	1.84	1.00	0.055	
6:25 PM	1.29	0.56	0.019	
6:30 PM	1.20	1.19	0.036	0.00
6:35 PM	1.59	0.77	0.034	
6:40 PM	1.84	0.75	0.042	

6:45 PM	1.32	0.66	0.023	0.00
6:50 PM	1.49	0.99	0.041	
6:55 PM	1.61	0.79	0.036	
7:00 PM	1.74	1.00	0.051	0.00
7:05 PM	0.90	0.94	0.018	
7:10 PM	2.01	0.73	0.046	
7:15 PM	1.85	0.98	0.055	0.00
7:20 PM	1.14	0.97	0.027	
7:25 PM	1.86	0.93	0.053	
7:30 PM	1.53	1.10	0.047	0.00
7:35 PM	2.20	1.20	0.087	
7:40 PM	1.55	0.91	0.040	
7:45 PM	1.47	0.67	0.027	0.00
7:50 PM	1.19	0.80	0.023	
7:55 PM	1.72	1.04	0.052	
8:00 PM	1.65	0.82	0.039	0.00
8:05 PM	1.56	0.77	0.034	
8:10 PM	1.51	0.87	0.037	
8:15 PM	1.66	1.24	0.059	0.00
8:20 PM	1.88	0.56	0.032	
8:25 PM	1.67	1.15	0.055	
8:30 PM	1.90	1.10	0.065	0.00
8:35 PM	1.49	0.83	0.034	
8:40 PM	2.16	1.43	0.101	
8:45 PM	1.82	0.67	0.037	0.00
8:50 PM	1.66	1.06	0.051	
8:55 PM	1.66	0.63	0.030	
9:00 PM	1.90	1.16	0.068	0.00
9:05 PM	2.15	1.09	0.076	
9:10 PM	1.64	0.90	0.042	
9:15 PM	1.98	0.88	0.054	0.00
9:20 PM	1.82	1.26	0.069	
9:25 PM	1.97	0.89	0.055	
9:30 PM	1.91	1.00	0.059	0.00
9:35 PM	2.07	0.79	0.052	
9:40 PM	1.79	1.17	0.062	
9:45 PM	1.92	0.95	0.056	0.00
9:50 PM	1.81	1.22	0.067	
9:55 PM	1.64	0.76	0.036	
10:00 PM	1.83	1.11	0.062	0.00
10:05 PM	2.02	0.75	0.048	
10:10 PM	2.01	0.93	0.059	
10:15 PM	1.53	1.01	0.043	0.00
10:20 PM	1.93	0.94	0.056	
10:25 PM	1.73	1.23	0.063	
10:30 PM	1.40	0.70	0.026	0.00
10:35 PM	1.63	0.91	0.043	
10:40 PM	2.21	1.29	0.094	
10:45 PM	1.94	0.53	0.032	0.00
10:50 PM	1.50	1.18	0.049	
10:55 PM	1.74	0.91	0.047	

	11:00 PM	1.56	0.84	0.037	0.00
	11:05 PM	1.63	0.90	0.042	
	11:10 PM	1.30	0.72	0.024	
	11:15 PM	1.66	0.93	0.044	0.00
	11:20 PM	1.14	0.59	0.016	
	11:25 PM	1.60	0.52	0.024	
	11:30 PM	1.35	0.78	0.028	0.00
	11:35 PM	1.30	0.76	0.025	
	11:40 PM	1.36	0.18	0.006	
	11:45 PM	1.65	0.97	0.046	0.00
	11:50 PM	1.39	0.66	0.024	
	11:55 PM	1.26	0.43	0.014	
5/24/2023	12:00 AM	1.05	0.65	0.016	0.00
	12:05 AM	1.15	0.42	0.012	
	12:10 AM	0.78	0.38	0.006	
	12:15 AM	1.25	0.11	0.004	0.00
	12:20 AM	0.87	0.21	0.004	
	12:25 AM	1.04	0.49	0.012	
	12:30 AM	1.08	0.53	0.013	0.00
	12:35 AM	1.00	0.33	0.007	
	12:40 AM	0.92	0.61	0.012	
	12:45 AM	0.90	0.51	0.010	0.00
	12:50 AM	1.14	0.44	0.012	
	12:55 AM	0.85	0.14	0.002	
	1:00 AM	0.97	0.03	0.001	0.00
	1:05 AM	0.92	0.48	0.010	
	1:10 AM	0.47	0.04	0.000	
	1:15 AM	0.62	0.12	0.001	0.00
	1:20 AM	0.82	0.52	0.009	
	1:25 AM	0.70	0.44	0.006	
	1:30 AM	0.86	0.00	0.000	0.00
	1:35 AM	0.87	0.09	0.002	
	1:40 AM	0.34	0.33	0.001	
	1:45 AM	1.18	0.15	0.004	0.00
	1:50 AM	0.51	0.17	0.001	
	1:55 AM	1.03	0.28	0.007	
	2:00 AM	0.18	0.23	0.000	0.00
	2:05 AM	0.72	0.03	0.000	
	2:10 AM	0.81	0.15	0.002	
	2:15 AM	0.57	0.11	0.001	0.00
	2:20 AM	0.82	0.32	0.005	
	2:25 AM	0.93	0.14	0.003	
	2:30 AM	0.57	0.60	0.006	0.00
	2:35 AM	1.02	0.09	0.002	
	2:40 AM	0.56	0.33	0.003	
	2:45 AM	0.84	0.49	0.009	0.00
	2:50 AM	0.46	0.16	0.001	
	2:55 AM	0.70	0.27	0.004	
	3:00 AM	0.76	0.01	0.000	0.00
	3:05 AM	0.61	0.09	0.001	
	3:10 AM	0.71	0.30	0.004	

3:15 AM	0.70	0.20	0.003	0.00
3:20 AM	0.64	0.36	0.004	
3:25 AM	0.63	0.10	0.001	
3:30 AM	0.83	0.42	0.007	0.00
3:35 AM	0.61	0.06	0.001	
3:40 AM	0.48	0.54	0.004	
3:45 AM	0.16	0.06	0.000	0.00
3:50 AM	0.78	0.15	0.002	
3:55 AM	0.34	0.46	0.002	
4:00 AM	0.61	0.30	0.003	0.00
4:05 AM	0.61	0.41	0.004	
4:10 AM	0.17	0.23	0.000	
4:15 AM	0.31	0.07	0.000	0.00
4:20 AM	0.70	0.41	0.005	
4:25 AM	0.44	0.34	0.002	
4:30 AM	0.78	0.26	0.004	0.00
4:35 AM	0.17	0.03	0.000	
4:40 AM	0.52	0.24	0.002	
4:45 AM	0.84	0.49	0.009	0.00
4:50 AM	0.56	0.12	0.001	
4:55 AM	0.46	0.55	0.004	
5:00 AM	0.70	0.26	0.003	0.00
5:05 AM	0.47	0.00	0.000	
5:10 AM	0.35	0.50	0.002	
5:15 AM	0.61	0.38	0.004	0.00
5:20 AM	0.59	0.24	0.003	
5:25 AM	0.39	0.33	0.002	
5:30 AM	0.83	0.10	0.002	0.00
5:35 AM	0.66	0.57	0.007	
5:40 AM	0.43	0.34	0.002	
5:45 AM	0.79	0.22	0.004	0.00
5:50 AM	0.56	0.48	0.005	
5:55 AM	0.58	0.36	0.004	
6:00 AM	0.69	0.30	0.004	0.00
6:05 AM	0.80	0.43	0.007	
6:10 AM	0.71	0.57	0.008	
6:15 AM	0.73	0.34	0.005	0.00
6:20 AM	1.05	0.76	0.019	
6:25 AM	1.15	0.35	0.010	
6:30 AM	1.03	0.80	0.019	0.00
6:35 AM	0.72	0.48	0.007	
6:40 AM	1.30	0.48	0.016	
6:45 AM	1.04	0.74	0.018	0.00
6:50 AM	1.34	0.47	0.017	
6:55 AM	1.53	0.55	0.023	
7:00 AM	1.34	0.71	0.025	0.00
7:05 AM	1.49	0.72	0.029	
7:10 AM	1.55	0.63	0.027	
7:15 AM	1.34	0.90	0.031	0.00
7:20 AM	1.63	0.40	0.019	
7:25 AM	1.67	0.98	0.047	

7:30 AM	1.94	0.98	0.059	0.00
7:35 AM	1.76	0.87	0.045	
7:40 AM	1.90	0.51	0.030	
7:45 AM	1.92	0.67	0.040	0.00
7:50 AM	1.46	0.93	0.037	
7:55 AM	1.58	0.77	0.034	
8:00 AM	1.70	0.39	0.019	0.00
8:05 AM	1.97	0.82	0.051	
8:10 AM	1.35	0.82	0.029	
8:15 AM	1.86	1.03	0.058	0.00
8:20 AM	1.75	0.65	0.033	
8:25 AM	1.78	0.87	0.046	
8:30 AM	1.91	0.58	0.034	0.00
8:35 AM	1.59	0.90	0.040	
8:40 AM	1.67	0.73	0.035	
8:45 AM	1.39	0.48	0.018	0.00
8:50 AM	1.67	0.63	0.031	
8:55 AM	1.62	0.67	0.031	
9:00 AM	1.44	0.89	0.035	0.00
9:05 AM	1.51	0.81	0.034	
9:10 AM	1.74	0.23	0.012	
9:15 AM	1.59	1.04	0.047	0.00
9:20 AM	1.62	0.87	0.040	
9:25 AM	1.33	0.47	0.016	
9:30 AM	1.44	0.57	0.022	0.00
9:35 AM	1.70	0.72	0.036	
9:40 AM	1.54	0.61	0.026	
9:45 AM	1.35	0.76	0.027	0.00
9:50 AM	1.57	0.73	0.032	
9:55 AM	2.00	0.72	0.045	
10:00 AM	1.62	0.75	0.034	0.00
10:05 AM	1.06	0.86	0.021	
10:10 AM	1.58	0.65	0.029	
10:15 AM	1.94	0.52	0.031	0.00
10:20 AM	1.70	0.93	0.046	
10:25 AM	1.78	0.64	0.034	
10:30 AM	2.12	0.92	0.063	0.00
10:35 AM	1.42	0.78	0.030	
10:40 AM	1.02	0.35	0.008	
10:45 AM	1.47	0.74	0.030	0.00
10:50 AM	1.15	0.60	0.017	
10:55 AM	1.69	0.73	0.036	
11:00 AM	1.36	0.70	0.025	0.00
11:05 AM	1.23	0.42	0.013	
11:10 AM	1.50	0.83	0.034	
11:15 AM	1.35	0.50	0.018	0.00
11:20 AM	1.30	0.50	0.017	
11:25 AM	1.33	0.60	0.021	
11:30 AM	1.47	0.61	0.025	0.00
11:35 AM	1.54	0.52	0.022	
11:40 AM	1.29	0.77	0.025	

11:45 AM	1.18	0.31	0.009	0.00
11:50 AM	1.35	0.52	0.018	
11:55 AM	1.53	0.66	0.028	
12:00 PM	1.37	0.76	0.028	0.00
12:05 PM	1.53	0.39	0.016	
12:10 PM	1.50	1.13	0.047	
12:15 PM	1.52	0.43	0.018	0.00
12:20 PM	1.34	0.96	0.034	
12:25 PM	1.52	0.13	0.006	
12:30 PM	1.23	0.61	0.019	0.00
12:35 PM	1.20	0.98	0.029	
12:40 PM	1.51	0.41	0.017	
12:45 PM	1.44	0.59	0.023	0.00
12:50 PM	1.24	0.79	0.025	
12:55 PM	1.16	0.74	0.021	
1:00 PM	1.63	0.68	0.032	0.00
1:05 PM	1.44	0.48	0.019	
1:10 PM	1.28	0.62	0.020	
1:15 PM	1.58	0.48	0.021	0.00
1:20 PM	1.17	0.68	0.019	
1:25 PM	1.52	0.76	0.032	
1:30 PM	1.22	0.27	0.008	0.00
1:35 PM	1.22	0.55	0.017	
1:40 PM	1.20	0.44	0.013	
1:45 PM	1.29	0.88	0.029	0.00
1:50 PM	1.41	0.40	0.015	
1:55 PM	1.60	0.95	0.043	
2:00 PM	1.31	0.52	0.017	0.00
2:05 PM	1.90	0.61	0.035	
2:10 PM	1.70	0.77	0.038	
2:15 PM	1.19	0.46	0.014	0.00
2:20 PM	1.12	0.63	0.017	
2:25 PM	1.57	0.66	0.029	
2:30 PM	1.44	0.60	0.023	0.00
2:35 PM	1.22	0.61	0.019	
2:40 PM	1.41	0.84	0.032	
2:45 PM	1.25	0.61	0.019	0.00
2:50 PM	1.24	0.59	0.018	
2:55 PM	1.87	0.69	0.039	
3:00 PM	1.21	0.75	0.022	0.00
3:05 PM	1.21	0.85	0.025	
3:10 PM	1.47	0.40	0.016	
3:15 PM	1.10	0.49	0.013	0.00
3:20 PM	1.52	0.82	0.034	
3:25 PM	1.36	0.58	0.021	
3:30 PM	1.62	0.63	0.029	0.00
3:35 PM	0.94	0.97	0.020	
3:40 PM	1.59	0.25	0.011	
3:45 PM	1.16	0.53	0.015	0.00
3:50 PM	1.18	0.71	0.021	
3:55 PM	1.22	0.67	0.020	

4:00 PM	1.11	0.65	0.017	0.00
4:05 PM	1.44	0.05	0.002	
4:10 PM	1.36	0.28	0.010	
4:15 PM	1.46	0.61	0.024	0.00
4:20 PM	1.65	1.19	0.056	
4:25 PM	1.11	0.50	0.013	
4:30 PM	1.63	0.61	0.028	0.00
4:35 PM	1.59	0.72	0.032	
4:40 PM	1.56	0.74	0.032	
4:45 PM	1.46	0.62	0.024	0.00
4:50 PM	1.34	0.49	0.017	
4:55 PM	1.14	0.73	0.020	
5:00 PM	1.48	0.49	0.020	0.00
5:05 PM	1.52	0.69	0.029	
5:10 PM	1.16	0.75	0.021	
5:15 PM	1.47	0.56	0.022	0.00
5:20 PM	1.40	0.67	0.025	
5:25 PM	1.52	0.72	0.030	
5:30 PM	1.32	0.56	0.019	0.00
5:35 PM	1.41	0.87	0.033	
5:40 PM	1.38	0.54	0.020	
5:45 PM	1.54	0.68	0.029	0.00
5:50 PM	1.40	0.72	0.027	
5:55 PM	1.31	0.74	0.025	
6:00 PM	1.77	0.84	0.044	0.00
6:05 PM	1.53	0.72	0.030	
6:10 PM	1.55	0.35	0.015	
6:15 PM	1.77	1.10	0.058	0.00
6:20 PM	1.33	0.51	0.018	
6:25 PM	1.26	0.67	0.021	
6:30 PM	1.54	0.48	0.021	0.00
6:35 PM	1.47	0.60	0.024	
6:40 PM	1.15	0.85	0.024	
6:45 PM	1.51	0.53	0.022	0.00
6:50 PM	1.73	0.84	0.043	
6:55 PM	1.53	0.48	0.021	
7:00 PM	1.53	0.90	0.039	0.00
7:05 PM	1.77	0.68	0.036	
7:10 PM	1.52	0.70	0.029	
7:15 PM	1.32	0.78	0.026	0.00
7:20 PM	1.68	0.72	0.035	
7:25 PM	1.50	0.72	0.030	
7:30 PM	1.51	0.47	0.020	0.00
7:35 PM	1.67	0.80	0.039	
7:40 PM	1.50	0.34	0.014	
7:45 PM	1.52	0.93	0.039	0.00
7:50 PM	1.40	0.69	0.026	
7:55 PM	1.46	0.75	0.029	
8:00 PM	1.52	1.07	0.045	0.00
8:05 PM	2.08	0.92	0.061	
8:10 PM	1.72	0.65	0.033	

8:15 PM	1.26	0.83	0.027	0.00
8:20 PM	2.36	0.91	0.073	
8:25 PM	1.58	1.11	0.049	
8:30 PM	1.85	0.83	0.047	0.00
8:35 PM	1.73	0.67	0.034	
8:40 PM	1.63	0.70	0.033	
8:45 PM	1.74	0.69	0.036	0.00
8:50 PM	1.76	0.91	0.048	
8:55 PM	2.14	0.74	0.051	
9:00 PM	1.52	1.20	0.051	0.00
9:05 PM	1.28	0.48	0.016	
9:10 PM	1.95	0.69	0.041	
9:15 PM	1.84	1.22	0.068	0.00
9:20 PM	1.92	0.75	0.044	
9:25 PM	1.24	0.76	0.024	
9:30 PM	1.85	0.84	0.047	0.00
9:35 PM	1.97	1.10	0.068	
9:40 PM	2.15	1.13	0.079	
9:45 PM	2.33	0.69	0.054	0.00
9:50 PM	1.59	1.20	0.054	
9:55 PM	2.13	0.94	0.064	
10:00 PM	2.17	1.04	0.074	0.00
10:05 PM	1.76	0.68	0.035	
10:10 PM	2.08	0.75	0.050	
10:15 PM	1.60	0.91	0.041	0.00
10:20 PM	1.89	0.75	0.043	
10:25 PM	1.77	1.01	0.053	
10:30 PM	1.76	0.66	0.034	0.00
10:35 PM	1.73	1.02	0.052	
10:40 PM	1.51	0.71	0.029	
10:45 PM	1.63	0.85	0.040	0.00
10:50 PM	1.57	0.69	0.030	
10:55 PM	1.58	0.78	0.035	
11:00 PM	1.86	0.61	0.034	0.00
11:05 PM	1.42	0.84	0.032	
11:10 PM	1.71	0.84	0.042	
11:15 PM	1.28	0.79	0.026	0.00
11:20 PM	1.57	0.71	0.031	
11:25 PM	1.33	0.63	0.022	
11:30 PM	1.23	0.65	0.020	0.00
11:35 PM	1.51	0.69	0.029	
11:40 PM	1.37	0.82	0.030	
11:45 PM	1.28	0.43	0.014	0.00
11:50 PM	1.53	0.82	0.035	
11:55 PM	1.61	0.33	0.015	
5/25/2023 12:00 AM	1.07	0.50	0.013	0.00
12:05 AM	1.50	0.65	0.027	
12:10 AM	1.06	0.80	0.020	
12:15 AM	1.46	0.60	0.024	0.00
12:20 AM	0.99	0.75	0.017	
12:25 AM	1.35	0.47	0.017	

12:30 AM	1.22	0.22	0.007	0.00
12:35 AM	0.97	0.74	0.016	
12:40 AM	1.09	0.54	0.014	
12:45 AM	1.28	0.55	0.018	0.00
12:50 AM	0.82	0.44	0.007	
12:55 AM	1.23	0.44	0.014	
1:00 AM	0.80	0.32	0.005	0.00
1:05 AM	0.76	0.65	0.010	
1:10 AM	0.92	0.57	0.012	
1:15 AM	1.28	0.36	0.012	0.00
1:20 AM	0.46	0.44	0.003	
1:25 AM	0.62	0.37	0.004	
1:30 AM	0.86	0.51	0.009	0.00
1:35 AM	0.78	0.56	0.009	
1:40 AM	0.71	0.44	0.006	
1:45 AM	0.83	0.36	0.006	0.00
1:50 AM	0.50	0.42	0.003	
1:55 AM	1.05	0.41	0.010	
2:00 AM	0.48	0.01	0.000	0.00
2:05 AM	0.81	0.66	0.011	
2:10 AM	0.63	0.53	0.006	
2:15 AM	0.34	0.08	0.000	0.00
2:20 AM	0.69	0.64	0.008	
2:25 AM	0.79	0.27	0.004	
2:30 AM	0.26	0.33	0.001	0.00
2:35 AM	0.52	0.34	0.003	
2:40 AM	0.69	0.06	0.001	
2:45 AM	0.36	0.54	0.003	0.00
2:50 AM	0.50	0.51	0.004	
2:55 AM	0.40	0.01	0.000	
3:00 AM	0.65	0.51	0.006	0.00
3:05 AM	0.85	0.57	0.010	
3:10 AM	0.23	0.29	0.001	
3:15 AM	0.78	0.31	0.005	0.00
3:20 AM	0.27	0.53	0.002	
3:25 AM	0.54	0.22	0.002	
3:30 AM	0.45	0.20	0.001	0.00
3:35 AM	0.62	0.43	0.005	
3:40 AM	0.84	0.31	0.006	
3:45 AM	0.34	0.42	0.002	0.00
3:50 AM	0.39	0.26	0.001	
3:55 AM	0.74	0.36	0.005	
4:00 AM	0.45	0.66	0.005	0.00
4:05 AM	0.53	0.25	0.002	
4:10 AM	0.63	0.22	0.002	
4:15 AM	0.42	0.43	0.003	0.00
4:20 AM	0.61	0.30	0.003	
4:25 AM	0.23	0.47	0.001	
4:30 AM	0.64	0.20	0.002	0.00
4:35 AM	0.46	0.37	0.003	
4:40 AM	0.53	0.32	0.003	

4:45 AM	0.59	0.26	0.003	0.00
4:50 AM	0.54	0.51	0.005	
4:55 AM	0.42	0.28	0.002	
5:00 AM	0.46	0.29	0.002	0.00
5:05 AM	0.71	0.49	0.007	
5:10 AM	0.32	0.24	0.001	
5:15 AM	0.73	0.34	0.005	0.00
5:20 AM	0.67	0.44	0.005	
5:25 AM	0.58	0.84	0.009	
5:30 AM	0.80	0.14	0.002	0.00
5:35 AM	0.53	0.27	0.002	
5:40 AM	0.70	0.69	0.009	
5:45 AM	0.41	0.14	0.001	0.00
5:50 AM	0.76	0.37	0.006	
5:55 AM	0.62	0.65	0.007	
6:00 AM	0.84	0.28	0.005	0.00
6:05 AM	0.49	0.43	0.003	
6:10 AM	0.64	0.45	0.005	
6:15 AM	0.90	0.69	0.013	0.00
6:20 AM	0.32	0.25	0.001	
6:25 AM	0.77	0.69	0.011	
6:30 AM	1.08	0.52	0.013	0.00
6:35 AM	0.56	0.65	0.006	
6:40 AM	1.12	0.65	0.018	
6:45 AM	1.66	0.55	0.026	0.00
6:50 AM	1.40	0.78	0.029	
6:55 AM	1.55	0.98	0.042	
7:00 AM	1.47	0.46	0.018	0.00
7:05 AM	1.40	0.75	0.028	
7:10 AM	1.65	0.88	0.042	
7:15 AM	1.25	0.49	0.015	0.00
7:20 AM	1.54	0.69	0.030	
7:25 AM	1.46	0.84	0.033	
7:30 AM	1.94	0.78	0.047	0.00
7:35 AM	1.38	1.17	0.042	
7:40 AM	1.78	0.61	0.032	
7:45 AM	2.08	1.31	0.087	0.00
7:50 AM	1.39	0.62	0.023	
7:55 AM	1.31	0.48	0.016	
8:00 AM	2.04	1.19	0.077	0.00
8:05 AM	1.82	0.81	0.044	
8:10 AM	1.22	0.82	0.025	
8:15 AM	1.83	0.98	0.054	0.00
8:20 AM	1.85	0.76	0.043	
8:25 AM	1.49	0.79	0.032	
8:30 AM	2.03	0.96	0.062	0.00
8:35 AM	1.72	0.92	0.046	
8:40 AM	2.24	0.93	0.069	
8:45 AM	1.48	1.03	0.042	0.00
8:50 AM	1.99	0.74	0.046	
8:55 AM	1.42	0.92	0.035	

9:00 AM	1.58	0.79	0.035	0.00
9:05 AM	1.43	0.83	0.032	
9:10 AM	1.39	0.54	0.020	
9:15 AM	1.56	0.69	0.030	0.00
9:20 AM	0.83	0.74	0.013	
9:25 AM	1.67	0.74	0.036	
9:30 AM	1.70	0.60	0.030	0.00
9:35 AM	1.75	1.00	0.051	
9:40 AM	1.41	0.80	0.030	
9:45 AM	1.25	0.72	0.023	0.00
9:50 AM	1.74	1.16	0.060	
9:55 AM	1.77	0.78	0.041	
10:00 AM	1.54	0.75	0.032	0.00
10:05 AM	1.67	0.91	0.044	
10:10 AM	1.65	0.82	0.039	
10:15 AM	1.45	0.69	0.027	0.00
10:20 AM	1.41	0.87	0.033	
10:25 AM	1.67	0.75	0.036	
10:30 AM	1.28	0.79	0.026	0.00
10:35 AM	1.49	0.32	0.013	
10:40 AM	1.44	0.80	0.031	
10:45 AM	1.23	0.81	0.025	0.00
10:50 AM	1.72	0.72	0.036	
10:55 AM	1.27	0.96	0.031	
11:00 AM	1.31	0.26	0.009	0.00
11:05 AM	1.53	0.89	0.038	
11:10 AM	1.46	0.72	0.028	
11:15 AM	1.16	0.62	0.018	0.00
11:20 AM	1.52	0.79	0.033	
11:25 AM	1.26	0.93	0.030	
11:30 AM	1.57	0.20	0.009	0.00
11:35 AM	1.20	0.83	0.025	
11:40 AM	1.43	0.73	0.028	
11:45 AM	1.25	0.26	0.008	0.00
11:50 AM	1.28	1.02	0.034	
11:55 AM	1.31	0.34	0.011	
12:00 PM	0.95	0.90	0.019	0.00
12:05 PM	1.37	0.36	0.013	
12:10 PM	0.99	0.67	0.015	
12:15 PM	1.31	0.50	0.017	0.00
12:20 PM	1.30	0.58	0.019	
12:25 PM	1.09	0.59	0.015	
12:30 PM	1.58	0.98	0.044	0.00
12:35 PM	1.08	0.41	0.010	
12:40 PM	1.05	0.67	0.016	
12:45 PM	1.08	0.39	0.010	0.00
12:50 PM	1.26	0.47	0.015	
12:55 PM	1.35	0.87	0.031	
1:00 PM	1.21	0.17	0.005	0.00
1:05 PM	1.51	0.98	0.041	
1:10 PM	1.21	0.55	0.017	

1:15 PM	1.15	0.69	0.019	0.00
1:20 PM	1.39	0.94	0.035	
1:25 PM	1.40	0.66	0.024	
1:30 PM	1.18	0.73	0.021	0.00
1:35 PM	1.30	0.45	0.015	
1:40 PM	1.31	0.82	0.028	
1:45 PM	1.51	0.82	0.034	0.00
1:50 PM	1.14	0.82	0.023	
1:55 PM	1.09	0.90	0.023	
2:00 PM	1.47	0.23	0.009	0.00
2:05 PM	1.11	0.71	0.019	
2:10 PM	1.47	0.99	0.040	
2:15 PM	1.39	0.17	0.006	0.00
2:20 PM	1.11	0.99	0.026	
2:25 PM	1.25	0.23	0.007	
2:30 PM	0.98	0.53	0.012	0.00
2:35 PM	1.23	0.40	0.012	
2:40 PM	1.19	0.64	0.019	
2:45 PM	1.08	0.94	0.024	0.00
2:50 PM	1.21	0.46	0.014	
2:55 PM	1.09	0.64	0.016	
3:00 PM	1.16	0.60	0.017	0.00
3:05 PM	0.74	0.39	0.006	
3:10 PM	1.09	0.57	0.015	
3:15 PM	1.15	0.61	0.017	0.00
3:20 PM	0.99	0.51	0.011	
3:25 PM	1.04	0.76	0.018	
3:30 PM	1.16	0.70	0.020	0.00
3:35 PM	1.10	0.21	0.006	
3:40 PM	0.94	0.73	0.015	
3:45 PM	1.16	0.64	0.018	0.00
3:50 PM	1.36	0.73	0.026	
3:55 PM	1.50	0.34	0.014	
4:00 PM	1.06	0.94	0.023	0.00
4:05 PM	1.31	0.74	0.025	
4:10 PM	1.38	0.65	0.024	
4:15 PM	1.30	0.47	0.016	0.00
4:20 PM	1.37	0.61	0.022	
4:25 PM	1.49	0.70	0.029	
4:30 PM	0.94	0.47	0.010	0.00
4:35 PM	1.24	0.63	0.020	
4:40 PM	1.39	0.38	0.014	
4:45 PM	1.11	0.79	0.021	0.00
4:50 PM	1.35	0.66	0.023	
4:55 PM	1.26	0.69	0.022	
5:00 PM	1.44	0.83	0.032	0.00
5:05 PM	1.49	0.62	0.025	
5:10 PM	1.26	0.63	0.020	
5:15 PM	1.24	0.70	0.022	0.00
5:20 PM	1.35	0.81	0.029	
5:25 PM	1.06	0.50	0.012	

5:30 PM	1.60	0.63	0.029	0.00
5:35 PM	1.28	0.58	0.019	
5:40 PM	1.46	0.85	0.034	
5:45 PM	1.33	0.78	0.027	0.00
5:50 PM	1.68	0.36	0.018	
5:55 PM	0.96	0.89	0.019	
6:00 PM	1.57	0.72	0.032	0.00
6:05 PM	1.38	0.45	0.016	
6:10 PM	1.49	0.98	0.040	
6:15 PM	1.60	0.99	0.045	0.00
6:20 PM	1.15	0.50	0.014	
6:25 PM	1.25	0.98	0.031	
6:30 PM	1.76	0.41	0.021	0.00
6:35 PM	1.63	0.67	0.031	
6:40 PM	1.28	0.69	0.022	
6:45 PM	1.25	0.84	0.027	0.00
6:50 PM	1.46	0.99	0.039	
6:55 PM	1.33	0.62	0.021	
7:00 PM	1.45	0.72	0.028	0.00
7:05 PM	1.60	0.66	0.030	
7:10 PM	1.64	1.05	0.049	
7:15 PM	1.42	1.11	0.042	0.00
7:20 PM	1.69	0.87	0.043	
7:25 PM	1.66	0.54	0.026	
7:30 PM	1.69	1.08	0.053	0.00
7:35 PM	1.72	0.76	0.038	
7:40 PM	1.34	0.87	0.030	
7:45 PM	1.74	0.82	0.042	0.00
7:50 PM	1.23	0.81	0.025	
7:55 PM	1.86	1.08	0.061	
8:00 PM	1.58	0.47	0.021	0.00
8:05 PM	1.46	1.11	0.044	
8:10 PM	1.67	1.06	0.051	
8:15 PM	1.52	0.79	0.033	0.00
8:20 PM	1.93	0.68	0.041	
8:25 PM	1.79	0.84	0.045	
8:30 PM	1.20	0.90	0.026	0.00
8:35 PM	1.60	0.94	0.043	
8:40 PM	1.49	0.54	0.022	
8:45 PM	1.86	0.73	0.041	0.00
8:50 PM	1.63	0.98	0.046	
8:55 PM	1.74	0.82	0.042	
9:00 PM	1.73	0.54	0.028	0.00
9:05 PM	1.55	1.08	0.047	
9:10 PM	1.53	0.78	0.033	
9:15 PM	1.94	0.65	0.039	0.00
9:20 PM	1.55	0.81	0.035	
9:25 PM	2.29	0.94	0.072	
9:30 PM	1.85	1.27	0.072	0.00
9:35 PM	2.21	1.02	0.074	
9:40 PM	1.81	0.91	0.050	

	9:45 PM	1.68	0.52	0.026	0.00
	9:50 PM	2.17	0.93	0.066	
	9:55 PM	1.74	1.00	0.051	
	10:00 PM	1.97	0.84	0.051	0.00
	10:05 PM	2.18	1.11	0.079	
	10:10 PM	1.50	0.76	0.031	
	10:15 PM	1.88	0.57	0.033	0.00
	10:20 PM	2.00	1.28	0.080	
	10:25 PM	1.79	0.78	0.042	
	10:30 PM	1.55	0.52	0.023	0.00
	10:35 PM	1.70	0.72	0.036	
	10:40 PM	1.31	0.65	0.022	
	10:45 PM	1.81	0.83	0.045	0.00
	10:50 PM	1.32	0.70	0.024	
	10:55 PM	1.55	0.77	0.033	
	11:00 PM	1.59	0.54	0.024	0.00
	11:05 PM	1.26	0.74	0.023	
	11:10 PM	1.76	0.83	0.043	
	11:15 PM	1.47	0.70	0.028	0.00
	11:20 PM	1.58	0.43	0.019	
	11:25 PM	1.41	0.72	0.027	
	11:30 PM	1.26	0.70	0.022	0.00
	11:35 PM	1.48	0.53	0.021	
	11:40 PM	1.24	0.76	0.024	
	11:45 PM	1.61	0.83	0.038	0.00
	11:50 PM	1.49	0.56	0.023	
	11:55 PM	1.73	0.82	0.042	
5/26/2023	12:00 AM	1.08	0.45	0.011	0.00
	12:05 AM	1.24	0.60	0.019	
	12:10 AM	1.15	0.80	0.022	
	12:15 AM	1.26	0.51	0.016	0.00
	12:20 AM	1.08	0.40	0.010	
	12:25 AM	1.20	0.51	0.015	
	12:30 AM	1.14	0.68	0.019	0.00
	12:35 AM	0.97	0.58	0.013	
	12:40 AM	1.34	0.43	0.015	
	12:45 AM	1.21	0.52	0.016	0.00
	12:50 AM	0.85	0.24	0.004	
	12:55 AM	1.11	0.35	0.009	
	1:00 AM	1.04	0.53	0.013	0.00
	1:05 AM	0.70	0.21	0.003	
	1:10 AM	1.01	0.35	0.008	
	1:15 AM	0.69	0.70	0.009	0.00
	1:20 AM	0.75	0.00	0.000	
	1:25 AM	0.80	0.31	0.005	
	1:30 AM	0.91	0.59	0.012	0.00
	1:35 AM	0.70	0.45	0.006	
	1:40 AM	0.51	0.42	0.004	
	1:45 AM	0.93	0.28	0.006	0.00
	1:50 AM	0.62	0.59	0.007	
	1:55 AM	0.69	0.07	0.001	

2:00 AM	0.67	0.40	0.005	0.00
2:05 AM	0.42	0.46	0.003	
2:10 AM	0.67	0.42	0.005	
2:15 AM	0.68	0.40	0.005	0.00
2:20 AM	0.94	0.31	0.006	
2:25 AM	0.27	0.15	0.000	
2:30 AM	0.73	0.46	0.007	0.00
2:35 AM	0.67	0.37	0.005	
2:40 AM	0.58	0.47	0.005	
2:45 AM	0.37	0.23	0.001	0.00
2:50 AM	0.69	0.31	0.004	
2:55 AM	0.65	0.46	0.005	
3:00 AM	0.58	0.50	0.005	0.00
3:05 AM	0.73	0.19	0.003	
3:10 AM	0.43	0.49	0.003	
3:15 AM	0.68	0.29	0.004	0.00
3:20 AM	0.87	0.41	0.008	
3:25 AM	0.84	0.58	0.010	
3:30 AM	0.52	0.40	0.003	0.00
3:35 AM	0.97	0.71	0.015	
3:40 AM	0.49	0.13	0.001	
3:45 AM	0.77	0.12	0.002	0.00
3:50 AM	0.31	0.68	0.003	
3:55 AM	0.98	0.42	0.009	
4:00 AM	0.37	0.17	0.001	0.00
4:05 AM	0.74	0.34	0.005	
4:10 AM	0.52	0.53	0.004	
4:15 AM	0.55	0.40	0.004	0.00
4:20 AM	0.72	0.37	0.005	
4:25 AM	0.52	0.26	0.002	
4:30 AM	0.50	0.38	0.003	0.00
4:35 AM	0.31	0.65	0.003	
4:40 AM	0.89	0.13	0.003	
4:45 AM	0.48	0.58	0.004	0.00
4:50 AM	0.56	0.46	0.004	
4:55 AM	0.69	0.22	0.003	
5:00 AM	0.69	0.54	0.007	0.00
5:05 AM	0.51	0.32	0.003	
5:10 AM	0.48	0.47	0.004	
5:15 AM	0.95	0.40	0.008	0.00
5:20 AM	0.34	0.21	0.001	
5:25 AM	0.77	0.71	0.011	
5:30 AM	0.80	0.27	0.004	0.00
5:35 AM	0.61	0.71	0.008	
5:40 AM	0.52	0.47	0.004	
5:45 AM	1.19	0.43	0.013	0.00
5:50 AM	0.83	0.33	0.006	
5:55 AM	0.78	0.28	0.004	
6:00 AM	0.42	0.45	0.003	0.00
6:05 AM	0.92	0.43	0.009	
6:10 AM	0.91	0.69	0.014	

6:15 AM	0.61	0.42	0.005	0.00
6:20 AM	0.74	0.52	0.008	
6:25 AM	0.52	0.54	0.005	
6:30 AM	1.06	0.53	0.013	0.00
6:35 AM	0.87	0.69	0.013	
6:40 AM	1.40	0.33	0.012	
6:45 AM	1.23	0.64	0.020	0.00
6:50 AM	1.40	0.63	0.024	
6:55 AM	1.03	0.81	0.019	
7:00 AM	1.51	0.28	0.012	0.00
7:05 AM	1.32	0.55	0.019	
7:10 AM	1.64	1.13	0.054	
7:15 AM	1.71	0.52	0.026	0.00
7:20 AM	1.41	0.89	0.034	
7:25 AM	1.48	0.53	0.022	
7:30 AM	1.39	0.53	0.020	0.00
7:35 AM	1.33	0.70	0.024	
7:40 AM	1.90	0.64	0.038	
7:45 AM	1.60	0.76	0.035	0.00
7:50 AM	1.64	0.55	0.026	
7:55 AM	1.34	0.77	0.027	
8:00 AM	1.24	0.64	0.020	0.00
8:05 AM	1.99	0.66	0.041	
8:10 AM	1.65	0.81	0.038	
8:15 AM	1.86	0.75	0.043	0.00
8:20 AM	1.63	0.63	0.029	
8:25 AM	1.65	0.97	0.046	
8:30 AM	1.76	0.92	0.048	0.00
8:35 AM	1.78	0.70	0.037	
8:40 AM	1.71	1.06	0.053	
8:45 AM	1.66	0.56	0.027	0.00
8:50 AM	1.60	0.94	0.043	
8:55 AM	2.03	0.60	0.039	
9:00 AM	1.34	0.93	0.033	0.00
9:05 AM	1.72	0.78	0.039	
9:10 AM	1.32	0.79	0.027	
9:15 AM	1.57	0.90	0.040	0.00
9:20 AM	1.64	0.63	0.030	
9:25 AM	1.57	0.71	0.031	
9:30 AM	1.79	0.75	0.040	0.00
9:35 AM	1.47	1.04	0.042	
9:40 AM	1.66	0.50	0.024	
9:45 AM	1.28	0.91	0.030	0.00
9:50 AM	1.41	0.71	0.027	
9:55 AM	1.77	0.93	0.049	
10:00 AM	1.43	0.80	0.031	0.00
10:05 AM	1.62	0.59	0.027	
10:10 AM	1.64	0.93	0.044	
10:15 AM	1.19	0.38	0.011	0.00
10:20 AM	1.78	0.69	0.036	
10:25 AM	1.74	0.67	0.034	

10:30 AM	1.44	0.97	0.038	0.00
10:35 AM	1.16	0.56	0.016	
10:40 AM	1.84	0.80	0.044	
10:45 AM	0.99	0.77	0.017	0.00
10:50 AM	2.03	0.77	0.050	
10:55 AM	1.14	0.75	0.021	
11:00 AM	1.28	0.55	0.018	0.00
11:05 AM	1.26	0.52	0.017	
11:10 AM	1.45	0.49	0.019	
11:15 AM	1.17	0.72	0.020	0.00
11:20 AM	1.17	0.67	0.019	
11:25 AM	1.29	0.73	0.024	
11:30 AM	1.20	0.50	0.015	0.00
11:35 AM	1.62	0.79	0.036	
11:40 AM	1.29	0.91	0.030	
11:45 AM	1.36	0.14	0.005	0.00
11:50 AM	1.26	0.98	0.031	
11:55 AM	1.27	0.45	0.015	
12:00 PM	1.41	0.68	0.026	0.00
12:05 PM	1.07	0.68	0.017	
12:10 PM	1.50	0.86	0.035	
12:15 PM	1.47	0.49	0.020	0.00
12:20 PM	1.03	0.54	0.013	
12:25 PM	1.40	0.83	0.031	
12:30 PM	1.30	0.37	0.012	0.00
12:35 PM	1.25	0.86	0.027	
12:40 PM	1.90	0.93	0.054	
12:45 PM	1.26	0.51	0.016	0.00
12:50 PM	1.18	0.99	0.029	
12:55 PM	1.81	0.56	0.030	
1:00 PM	1.12	0.99	0.027	0.00
1:05 PM	1.62	0.72	0.033	
1:10 PM	1.46	0.41	0.016	
1:15 PM	1.28	0.89	0.029	0.00
1:20 PM	0.94	0.56	0.012	
1:25 PM	1.57	0.63	0.028	
1:30 PM	1.18	0.68	0.020	0.00
1:35 PM	1.10	1.03	0.027	
1:40 PM	1.36	0.62	0.022	
1:45 PM	1.24	0.43	0.013	0.00
1:50 PM	1.15	0.70	0.020	
1:55 PM	1.29	0.60	0.020	
2:00 PM	1.17	0.44	0.012	0.00
2:05 PM	1.32	0.67	0.023	
2:10 PM	1.41	0.84	0.032	
2:15 PM	0.97	0.61	0.013	0.00
2:20 PM	1.13	0.62	0.017	
2:25 PM	1.63	0.45	0.021	
2:30 PM	1.43	1.03	0.040	0.00
2:35 PM	1.86	0.81	0.046	
2:40 PM	1.10	0.53	0.014	

2:45 PM	1.53	0.67	0.028	0.00
2:50 PM	1.55	0.59	0.025	
2:55 PM	0.89	1.02	0.019	
3:00 PM	1.50	0.64	0.026	0.00
3:05 PM	1.17	0.58	0.016	
3:10 PM	1.18	0.84	0.024	
3:15 PM	1.27	0.55	0.018	0.00
3:20 PM	0.88	0.65	0.012	
3:25 PM	1.35	0.58	0.021	
3:30 PM	1.40	0.60	0.022	0.00
3:35 PM	1.17	0.73	0.021	
3:40 PM	1.34	0.64	0.022	
3:45 PM	1.19	0.82	0.024	0.00
3:50 PM	1.45	0.79	0.031	
3:55 PM	1.49	0.73	0.030	
4:00 PM	1.23	0.53	0.016	0.00
4:05 PM	1.44	0.97	0.038	
4:10 PM	1.66	0.81	0.039	
4:15 PM	1.63	1.05	0.049	0.00
4:20 PM	1.67	0.86	0.041	
4:25 PM	1.17	0.57	0.016	
4:30 PM	1.50	0.87	0.036	0.00
4:35 PM	1.68	0.57	0.028	
4:40 PM	1.52	0.97	0.041	
4:45 PM	1.25	0.88	0.028	0.00
4:50 PM	1.51	0.76	0.032	
4:55 PM	1.57	0.67	0.029	
5:00 PM	1.31	1.05	0.035	0.00
5:05 PM	1.63	0.49	0.023	
5:10 PM	1.39	1.03	0.038	
5:15 PM	1.47	0.55	0.022	0.00
5:20 PM	1.64	0.98	0.046	
5:25 PM	1.52	0.82	0.035	
5:30 PM	1.18	0.45	0.013	0.00
5:35 PM	1.29	1.02	0.034	
5:40 PM	1.11	0.72	0.019	
5:45 PM	1.70	0.75	0.038	0.00
5:50 PM	1.32	1.04	0.036	
5:55 PM	1.27	0.75	0.024	
6:00 PM	1.41	0.41	0.016	0.00
6:05 PM	1.38	0.84	0.030	
6:10 PM	1.64	0.96	0.045	
6:15 PM	1.47	0.99	0.040	0.00
6:20 PM	1.29	0.91	0.030	
6:25 PM	1.87	0.92	0.053	
6:30 PM	1.33	1.15	0.040	0.00
6:35 PM	1.66	0.51	0.024	
6:40 PM	1.47	0.78	0.031	
6:45 PM	1.06	0.83	0.020	0.00
6:50 PM	1.47	0.62	0.025	
6:55 PM	1.33	0.71	0.025	

7:00 PM	1.46	0.98	0.039	0.00
7:05 PM	1.18	0.85	0.025	
7:10 PM	1.59	0.67	0.030	
7:15 PM	1.17	0.94	0.027	0.00
7:20 PM	1.66	0.87	0.041	
7:25 PM	1.68	0.93	0.045	
7:30 PM	1.74	1.12	0.057	0.00
7:35 PM	1.03	0.79	0.019	
7:40 PM	1.77	0.79	0.041	
7:45 PM	1.43	1.22	0.047	0.00
7:50 PM	1.42	0.43	0.017	
7:55 PM	1.78	1.06	0.056	
8:00 PM	1.31	0.91	0.031	0.00
8:05 PM	1.70	1.16	0.057	
8:10 PM	1.31	0.75	0.025	
8:15 PM	1.60	0.93	0.042	0.00
8:20 PM	1.56	0.82	0.036	
8:25 PM	1.72	0.79	0.040	
8:30 PM	1.37	1.20	0.043	0.00
8:35 PM	1.46	0.46	0.018	
8:40 PM	1.45	1.01	0.040	
8:45 PM	1.43	0.98	0.038	0.00
8:50 PM	1.49	0.63	0.026	
8:55 PM	1.69	0.87	0.043	
9:00 PM	1.11	0.75	0.020	0.00
9:05 PM	1.71	1.00	0.050	
9:10 PM	1.43	0.70	0.027	
9:15 PM	1.24	0.80	0.025	0.00
9:20 PM	1.65	0.71	0.033	
9:25 PM	1.26	0.82	0.026	
9:30 PM	1.52	0.97	0.041	0.00
9:35 PM	1.60	0.73	0.033	
9:40 PM	1.58	0.94	0.042	
9:45 PM	1.39	0.80	0.030	0.00
9:50 PM	1.29	0.88	0.029	
9:55 PM	1.51	0.49	0.020	
10:00 PM	1.73	0.75	0.038	0.00
10:05 PM	1.12	1.03	0.028	
10:10 PM	1.76	0.97	0.050	
10:15 PM	1.23	0.87	0.027	0.00
10:20 PM	1.88	0.85	0.049	
10:25 PM	1.70	0.88	0.044	
10:30 PM	1.40	1.12	0.042	0.00
10:35 PM	1.71	0.64	0.032	
10:40 PM	1.83	1.11	0.062	
10:45 PM	1.56	0.99	0.043	0.00
10:50 PM	2.08	0.87	0.058	
10:55 PM	1.58	1.29	0.057	
11:00 PM	1.45	0.87	0.034	0.00
11:05 PM	1.72	0.81	0.041	
11:10 PM	1.45	0.88	0.035	

5/27/2023

11:15 PM	1.06	0.92	0.023	0.00
11:20 PM	1.43	0.55	0.021	
11:25 PM	1.60	0.79	0.036	
11:30 PM	1.49	0.63	0.026	0.00
11:35 PM	1.10	1.01	0.026	
11:40 PM	1.51	0.48	0.020	
11:45 PM	1.23	0.45	0.014	0.00
11:50 PM	1.47	1.05	0.042	
11:55 PM	1.27	0.60	0.019	
12:00 AM	1.15	0.78	0.022	0.00
12:05 AM	1.57	0.88	0.039	
12:10 AM	1.10	0.43	0.011	
12:15 AM	1.13	0.81	0.022	0.00
12:20 AM	1.33	0.38	0.013	
12:25 AM	1.03	0.82	0.020	
12:30 AM	1.43	0.66	0.026	0.00
12:35 AM	0.89	0.81	0.016	
12:40 AM	1.01	0.41	0.009	
12:45 AM	1.21	1.14	0.034	0.00
12:50 AM	1.00	0.30	0.007	
12:55 AM	1.26	0.57	0.018	
1:00 AM	1.09	0.49	0.013	0.00
1:05 AM	0.99	0.80	0.018	
1:10 AM	1.12	0.29	0.008	
1:15 AM	1.00	0.58	0.013	0.00
1:20 AM	1.33	0.62	0.021	
1:25 AM	0.86	0.39	0.007	
1:30 AM	1.01	0.56	0.013	0.00
1:35 AM	1.27	0.30	0.010	
1:40 AM	0.71	0.87	0.012	
1:45 AM	0.93	0.45	0.009	0.00
1:50 AM	0.93	0.59	0.012	
1:55 AM	0.88	0.51	0.010	
2:00 AM	0.92	0.38	0.008	0.00
2:05 AM	0.73	0.31	0.004	
2:10 AM	0.88	0.84	0.016	
2:15 AM	0.99	0.42	0.009	0.00
2:20 AM	0.49	0.29	0.002	
2:25 AM	0.93	0.21	0.004	
2:30 AM	0.73	0.59	0.008	0.00
2:35 AM	0.81	0.28	0.005	
2:40 AM	0.63	0.36	0.004	
2:45 AM	0.76	0.67	0.010	0.00
2:50 AM	0.82	0.52	0.009	
2:55 AM	0.65	0.18	0.002	
3:00 AM	0.82	0.52	0.009	0.00
3:05 AM	0.76	0.42	0.006	
3:10 AM	0.49	0.58	0.004	
3:15 AM	0.88	0.15	0.003	0.00
3:20 AM	0.44	0.55	0.004	
3:25 AM	0.86	0.36	0.006	

3:30 AM	0.86	0.86	0.016	0.00
3:35 AM	0.57	0.26	0.003	
3:40 AM	0.93	0.49	0.010	
3:45 AM	0.78	0.53	0.008	0.00
3:50 AM	0.90	0.41	0.008	
3:55 AM	0.38	0.53	0.003	
4:00 AM	0.54	0.13	0.001	0.00
4:05 AM	0.75	0.53	0.008	
4:10 AM	0.55	0.30	0.003	
4:15 AM	0.80	0.32	0.005	0.00
4:20 AM	0.55	0.38	0.004	
4:25 AM	0.53	0.28	0.002	
4:30 AM	0.75	0.62	0.009	0.00
4:35 AM	0.88	0.36	0.007	
4:40 AM	0.35	0.60	0.003	
4:45 AM	1.07	0.58	0.015	0.00
4:50 AM	0.69	0.36	0.005	
4:55 AM	0.53	0.41	0.004	
5:00 AM	0.44	0.40	0.003	0.00
5:05 AM	1.26	0.32	0.010	
5:10 AM	0.45	0.64	0.004	
5:15 AM	0.50	0.48	0.004	0.00
5:20 AM	0.77	0.40	0.006	
5:25 AM	0.55	0.28	0.003	
5:30 AM	0.98	0.53	0.012	0.00
5:35 AM	0.22	0.26	0.001	
5:40 AM	1.08	0.64	0.016	
5:45 AM	0.52	0.67	0.006	0.00
5:50 AM	1.09	0.41	0.011	
5:55 AM	0.22	0.30	0.001	
6:00 AM	0.89	0.53	0.010	0.00
6:05 AM	0.75	0.30	0.004	
6:10 AM	0.86	0.57	0.010	
6:15 AM	0.56	0.27	0.003	0.00
6:20 AM	0.75	0.50	0.007	
6:25 AM	0.52	0.50	0.004	
6:30 AM	0.50	0.43	0.003	0.00
6:35 AM	0.78	0.35	0.005	
6:40 AM	0.40	0.23	0.001	
6:45 AM	0.75	0.68	0.010	0.00
6:50 AM	0.49	0.48	0.004	
6:55 AM	0.93	0.49	0.010	
7:00 AM	0.64	0.36	0.004	0.00
7:05 AM	0.67	0.47	0.006	
7:10 AM	0.90	0.44	0.008	
7:15 AM	0.91	0.51	0.010	0.00
7:20 AM	0.76	0.44	0.007	
7:25 AM	0.83	0.39	0.007	
7:30 AM	1.02	0.67	0.016	0.00
7:35 AM	0.76	0.57	0.008	
7:40 AM	0.70	0.27	0.004	

7:45 AM	1.51	0.81	0.033	0.00
7:50 AM	0.98	0.65	0.014	
7:55 AM	1.07	0.84	0.021	
8:00 AM	1.06	0.55	0.014	0.00
8:05 AM	1.05	0.75	0.018	
8:10 AM	1.32	0.27	0.009	
8:15 AM	1.06	0.94	0.023	0.00
8:20 AM	1.54	0.60	0.026	
8:25 AM	1.30	0.52	0.017	
8:30 AM	1.36	0.84	0.030	0.00
8:35 AM	1.39	0.77	0.028	
8:40 AM	1.72	0.60	0.030	
8:45 AM	1.39	1.00	0.037	0.00
8:50 AM	1.43	0.52	0.020	
8:55 AM	1.28	1.03	0.034	
9:00 AM	1.62	0.50	0.023	0.00
9:05 AM	1.33	0.82	0.028	
9:10 AM	1.62	0.84	0.039	
9:15 AM	1.57	0.86	0.038	0.00
9:20 AM	1.74	0.64	0.032	
9:25 AM	1.30	1.01	0.034	
9:30 AM	1.52	0.81	0.034	0.00
9:35 AM	1.79	0.99	0.053	
9:40 AM	1.38	0.89	0.033	
9:45 AM	2.01	0.94	0.059	0.00
9:50 AM	1.50	0.56	0.023	
9:55 AM	1.61	0.80	0.037	
10:00 AM	1.63	1.45	0.067	0.00
10:05 AM	1.97	0.68	0.042	
10:10 AM	1.79	0.88	0.047	
10:15 AM	2.06	1.42	0.093	0.00
10:20 AM	1.96	0.87	0.053	
10:25 AM	1.83	1.07	0.059	
10:30 AM	1.88	0.68	0.039	0.00
10:35 AM	1.89	1.07	0.062	
10:40 AM	1.72	1.07	0.054	
10:45 AM	2.10	1.25	0.085	0.00
10:50 AM	2.29	0.94	0.072	
10:55 AM	1.67	0.89	0.043	
11:00 AM	1.56	0.81	0.035	0.00
11:05 AM	1.97	0.78	0.048	
11:10 AM	1.71	1.02	0.051	
11:15 AM	1.71	0.74	0.037	0.00
11:20 AM	1.90	1.09	0.064	
11:25 AM	1.74	0.71	0.036	
11:30 AM	1.46	0.94	0.037	0.00
11:35 AM	1.93	0.83	0.050	
11:40 AM	1.92	1.03	0.061	
11:45 AM	2.00	1.15	0.073	0.00
11:50 AM	1.68	0.98	0.048	
11:55 AM	2.29	0.92	0.071	

12:00 PM	1.74	1.06	0.054	0.00
12:05 PM	1.70	1.05	0.052	
12:10 PM	2.42	1.25	0.104	
12:15 PM	1.49	0.55	0.022	0.00
12:20 PM	1.56	0.96	0.042	
12:25 PM	2.03	0.72	0.046	
12:30 PM	1.82	1.27	0.070	0.00
12:35 PM	1.72	0.80	0.040	
12:40 PM	1.55	0.53	0.023	
12:45 PM	1.49	0.80	0.033	0.00
12:50 PM	1.47	0.93	0.037	
12:55 PM	1.86	0.77	0.044	
1:00 PM	1.54	0.92	0.040	0.00
1:05 PM	1.53	0.96	0.041	
1:10 PM	1.92	0.84	0.049	
1:15 PM	1.60	0.62	0.028	0.00
1:20 PM	1.30	0.84	0.028	
1:25 PM	1.65	0.62	0.029	
1:30 PM	1.36	0.97	0.035	0.00
1:35 PM	1.43	0.44	0.017	
1:40 PM	1.55	0.75	0.033	
1:45 PM	1.62	0.87	0.040	0.00
1:50 PM	1.64	0.78	0.036	
1:55 PM	1.64	1.13	0.053	
2:00 PM	1.49	0.58	0.024	0.00
2:05 PM	1.42	0.95	0.036	
2:10 PM	1.70	1.03	0.051	
2:15 PM	1.70	0.69	0.034	0.00
2:20 PM	1.48	0.97	0.039	
2:25 PM	1.74	1.01	0.052	
2:30 PM	1.68	0.61	0.030	0.00
2:35 PM	1.56	0.95	0.042	
2:40 PM	1.62	0.77	0.036	
2:45 PM	1.69	1.02	0.050	0.00
2:50 PM	1.52	0.87	0.036	
2:55 PM	1.64	1.02	0.048	
3:00 PM	1.65	0.72	0.034	0.00
3:05 PM	1.60	0.99	0.045	
3:10 PM	1.37	0.70	0.025	
3:15 PM	1.66	0.90	0.043	0.00
3:20 PM	1.29	0.79	0.026	
3:25 PM	1.84	0.91	0.051	
3:30 PM	1.28	0.61	0.020	0.00
3:35 PM	1.13	0.90	0.024	
3:40 PM	1.94	0.68	0.041	
3:45 PM	1.06	0.80	0.020	0.00
3:50 PM	1.69	0.86	0.042	
3:55 PM	1.50	0.78	0.033	
4:00 PM	1.78	0.90	0.048	0.00
4:05 PM	1.61	1.10	0.050	
4:10 PM	1.48	1.21	0.049	

4:15 PM	1.59	0.46	0.021	0.00
4:20 PM	1.19	0.64	0.019	
4:25 PM	1.64	0.70	0.033	
4:30 PM	1.29	1.01	0.033	0.00
4:35 PM	1.34	0.65	0.023	
4:40 PM	1.72	0.83	0.042	
4:45 PM	1.28	0.56	0.018	0.00
4:50 PM	1.37	0.78	0.028	
4:55 PM	1.54	0.99	0.042	
5:00 PM	1.54	0.54	0.023	0.00
5:05 PM	1.25	0.71	0.022	
5:10 PM	1.29	0.82	0.027	
5:15 PM	1.20	0.43	0.013	0.00
5:20 PM	1.35	0.99	0.035	
5:25 PM	1.59	0.92	0.041	
5:30 PM	1.89	0.83	0.048	0.00
5:35 PM	1.10	0.82	0.021	
5:40 PM	1.72	0.74	0.038	
5:45 PM	1.46	0.86	0.034	0.00
5:50 PM	1.86	1.08	0.061	
5:55 PM	1.19	0.50	0.015	
6:00 PM	1.75	1.09	0.056	0.00
6:05 PM	1.59	0.71	0.032	
6:10 PM	1.23	0.87	0.027	
6:15 PM	1.49	0.77	0.032	0.00
6:20 PM	1.47	0.78	0.031	
6:25 PM	1.26	0.81	0.026	
6:30 PM	1.44	0.78	0.031	0.00
6:35 PM	1.50	0.51	0.021	
6:40 PM	1.51	1.14	0.048	
6:45 PM	1.64	0.54	0.025	0.00
6:50 PM	1.72	1.03	0.052	
6:55 PM	1.39	0.95	0.035	
7:00 PM	1.53	0.90	0.038	0.00
7:05 PM	1.51	0.56	0.023	
7:10 PM	1.30	0.76	0.026	
7:15 PM	1.60	0.97	0.044	0.00
7:20 PM	1.02	0.59	0.014	
7:25 PM	1.59	0.74	0.033	
7:30 PM	1.07	0.83	0.021	0.00
7:35 PM	1.43	0.50	0.019	
7:40 PM	1.29	0.82	0.027	
7:45 PM	1.29	0.65	0.022	0.00
7:50 PM	1.14	0.59	0.016	
7:55 PM	1.48	0.96	0.039	
8:00 PM	1.05	0.66	0.016	0.00
8:05 PM	1.65	0.98	0.046	
8:10 PM	1.42	1.04	0.040	
8:15 PM	1.63	0.77	0.036	0.00
8:20 PM	1.35	0.78	0.028	
8:25 PM	1.38	0.68	0.025	

	8:30 PM	1.13	0.65	0.018	0.00
	8:35 PM	1.46	0.76	0.030	
	8:40 PM	1.05	0.87	0.021	
	8:45 PM	1.73	0.93	0.047	0.00
	8:50 PM	1.29	0.70	0.023	
	8:55 PM	1.66	0.84	0.041	
	9:00 PM	1.59	1.10	0.049	0.00
	9:05 PM	1.93	0.70	0.042	
	9:10 PM	1.34	1.06	0.037	
	9:15 PM	1.91	1.12	0.065	0.00
	9:20 PM	1.60	0.76	0.034	
	9:25 PM	1.61	0.72	0.033	
	9:30 PM	1.74	0.77	0.039	0.00
	9:35 PM	1.63	1.00	0.047	
	9:40 PM	1.29	1.05	0.035	
	9:45 PM	1.69	0.79	0.039	0.00
	9:50 PM	1.71	0.64	0.032	
	9:55 PM	1.41	1.21	0.045	
	10:00 PM	1.68	0.80	0.039	0.00
	10:05 PM	1.62	0.98	0.045	
	10:10 PM	1.73	0.67	0.034	
	10:15 PM	1.34	0.80	0.028	0.00
	10:20 PM	1.32	0.92	0.031	
	10:25 PM	1.16	0.72	0.020	
	10:30 PM	1.78	0.54	0.028	0.00
	10:35 PM	1.22	0.94	0.029	
	10:40 PM	1.54	1.02	0.044	
	10:45 PM	1.26	0.52	0.017	0.00
	10:50 PM	1.46	1.19	0.047	
	10:55 PM	1.64	0.62	0.029	
	11:00 PM	1.36	0.66	0.024	0.00
	11:05 PM	1.34	0.88	0.031	
	11:10 PM	1.42	0.80	0.031	
	11:15 PM	1.58	0.93	0.041	0.00
	11:20 PM	1.32	0.64	0.022	
	11:25 PM	1.47	0.76	0.030	
	11:30 PM	1.41	0.77	0.029	0.00
	11:35 PM	1.61	0.78	0.035	
	11:40 PM	1.44	1.13	0.044	
	11:45 PM	1.65	0.36	0.017	0.00
	11:50 PM	1.37	0.97	0.035	
	11:55 PM	0.94	0.51	0.011	
5/28/2023	12:00 AM	1.25	0.77	0.024	0.00
	12:05 AM	1.29	0.76	0.025	
	12:10 AM	1.38	0.88	0.032	
	12:15 AM	1.12	0.62	0.017	0.00
	12:20 AM	1.52	0.66	0.028	
	12:25 AM	1.10	0.76	0.020	
	12:30 AM	1.00	0.64	0.014	0.00
	12:35 AM	1.44	0.50	0.019	
	12:40 AM	1.14	0.81	0.022	

12:45 AM	1.05	0.80	0.020	0.00
12:50 AM	0.86	0.62	0.011	
12:55 AM	1.20	0.71	0.021	
1:00 AM	1.08	0.14	0.004	0.00
1:05 AM	1.16	0.79	0.023	
1:10 AM	0.69	0.29	0.004	
1:15 AM	1.32	0.60	0.020	0.00
1:20 AM	0.76	0.35	0.005	
1:25 AM	1.13	0.66	0.018	
1:30 AM	0.81	0.52	0.009	0.00
1:35 AM	0.99	0.57	0.013	
1:40 AM	1.02	0.63	0.015	
1:45 AM	0.90	0.19	0.004	0.00
1:50 AM	1.00	0.62	0.014	
1:55 AM	0.81	0.70	0.012	
2:00 AM	0.96	0.56	0.012	0.00
2:05 AM	0.73	0.42	0.006	
2:10 AM	0.63	0.55	0.006	
2:15 AM	1.13	0.50	0.014	0.00
2:20 AM	0.42	0.01	0.000	
2:25 AM	0.63	0.67	0.008	
2:30 AM	0.52	0.11	0.001	0.00
2:35 AM	0.71	0.43	0.006	
2:40 AM	0.69	0.49	0.006	
2:45 AM	0.80	0.52	0.008	0.00
2:50 AM	0.56	0.25	0.002	
2:55 AM	0.57	0.32	0.003	
3:00 AM	0.84	0.53	0.009	0.00
3:05 AM	0.88	0.38	0.007	
3:10 AM	0.84	0.51	0.009	
3:15 AM	0.53	0.35	0.003	0.00
3:20 AM	0.63	0.10	0.001	
3:25 AM	0.58	0.61	0.006	
3:30 AM	0.70	0.33	0.004	0.00
3:35 AM	0.59	0.47	0.005	
3:40 AM	0.70	0.36	0.005	
3:45 AM	0.46	0.28	0.002	0.00
3:50 AM	0.71	0.45	0.006	
3:55 AM	0.34	0.13	0.001	
4:00 AM	0.97	0.60	0.013	0.00
4:05 AM	0.32	0.32	0.001	
4:10 AM	0.68	0.45	0.006	
4:15 AM	0.79	0.09	0.001	0.00
4:20 AM	0.53	0.57	0.005	
4:25 AM	0.49	0.12	0.001	
4:30 AM	0.46	0.65	0.005	0.00
4:35 AM	0.63	0.28	0.003	
4:40 AM	0.84	0.36	0.006	
4:45 AM	0.58	0.51	0.005	0.00
4:50 AM	0.48	0.41	0.003	
4:55 AM	0.85	0.01	0.000	

5:00 AM	0.40	0.37	0.002	0.00
5:05 AM	0.31	0.34	0.001	
5:10 AM	0.68	0.32	0.004	
5:15 AM	0.64	0.23	0.003	0.00
5:20 AM	0.57	0.59	0.006	
5:25 AM	0.45	0.06	0.000	
5:30 AM	0.31	0.46	0.002	0.00
5:35 AM	0.77	0.45	0.007	
5:40 AM	0.73	0.12	0.002	
5:45 AM	0.51	0.38	0.003	0.00
5:50 AM	0.55	0.30	0.003	
5:55 AM	0.69	0.15	0.002	
6:00 AM	0.57	0.54	0.005	0.00
6:05 AM	0.27	0.40	0.001	
6:10 AM	0.33	0.19	0.001	
6:15 AM	0.77	0.35	0.005	0.00
6:20 AM	0.52	0.21	0.002	
6:25 AM	0.55	0.56	0.005	
6:30 AM	0.62	0.33	0.004	0.00
6:35 AM	0.50	0.19	0.002	
6:40 AM	0.57	0.44	0.004	
6:45 AM	0.53	0.01	0.000	0.00
6:50 AM	0.64	0.48	0.006	
6:55 AM	0.41	0.24	0.001	
7:00 AM	0.73	0.67	0.009	0.00
7:05 AM	0.85	0.10	0.002	
7:10 AM	0.39	0.59	0.003	
7:15 AM	0.72	0.35	0.005	0.00
7:20 AM	1.06	0.43	0.011	
7:25 AM	0.67	0.51	0.006	
7:30 AM	0.84	0.79	0.014	0.00
7:35 AM	0.72	0.43	0.006	
7:40 AM	0.74	0.41	0.006	
7:45 AM	0.99	0.51	0.012	0.00
7:50 AM	0.83	0.30	0.005	
7:55 AM	0.85	0.63	0.011	
8:00 AM	1.02	0.46	0.011	0.00
8:05 AM	0.88	0.93	0.018	
8:10 AM	1.15	0.66	0.018	
8:15 AM	1.04	0.49	0.012	0.00
8:20 AM	1.14	0.51	0.014	
8:25 AM	0.87	0.67	0.013	
8:30 AM	1.34	0.83	0.029	0.00
8:35 AM	1.10	0.55	0.014	
8:40 AM	1.42	0.96	0.036	
8:45 AM	0.94	0.54	0.011	0.00
8:50 AM	1.66	0.87	0.042	
8:55 AM	0.96	0.76	0.016	
9:00 AM	1.59	0.74	0.033	0.00
9:05 AM	1.61	0.32	0.015	
9:10 AM	1.06	1.05	0.026	

9:15 AM	1.51	0.74	0.031	0.00
9:20 AM	1.09	0.70	0.018	
9:25 AM	1.69	0.71	0.035	
9:30 AM	1.11	0.80	0.021	0.00
9:35 AM	1.57	0.94	0.041	
9:40 AM	1.78	0.64	0.034	
9:45 AM	1.67	0.97	0.047	0.00
9:50 AM	1.43	0.99	0.038	
9:55 AM	1.60	0.98	0.045	
10:00 AM	2.11	0.72	0.049	0.00
10:05 AM	1.95	1.03	0.062	
10:10 AM	1.59	0.79	0.036	
10:15 AM	1.62	0.81	0.038	0.00
10:20 AM	1.92	0.98	0.058	
10:25 AM	1.96	0.90	0.055	
10:30 AM	1.99	1.19	0.074	0.00
10:35 AM	2.02	1.02	0.065	
10:40 AM	1.83	1.16	0.064	
10:45 AM	1.99	1.09	0.068	0.00
10:50 AM	1.71	0.90	0.045	
10:55 AM	1.46	0.73	0.029	
11:00 AM	1.79	0.80	0.043	0.00
11:05 AM	2.13	1.00	0.069	
11:10 AM	1.86	0.82	0.046	
11:15 AM	1.52	1.14	0.048	0.00
11:20 AM	1.68	0.78	0.038	
11:25 AM	1.85	0.92	0.051	
11:30 AM	1.28	0.75	0.025	0.00
11:35 AM	1.65	0.81	0.038	
11:40 AM	1.76	0.73	0.038	
11:45 AM	1.73	0.93	0.047	0.00
11:50 AM	2.03	0.88	0.057	
11:55 AM	1.24	0.96	0.030	
12:00 PM	1.68	0.80	0.039	0.00
12:05 PM	2.04	0.73	0.047	
12:10 PM	1.90	1.08	0.063	
12:15 PM	1.63	0.82	0.038	0.00
12:20 PM	2.01	0.98	0.062	
12:25 PM	1.99	0.97	0.060	
12:30 PM	1.63	0.90	0.042	0.00
12:35 PM	1.86	0.76	0.043	
12:40 PM	1.56	0.93	0.041	
12:45 PM	1.72	1.10	0.055	0.00
12:50 PM	1.93	0.87	0.052	
12:55 PM	1.87	0.85	0.048	
1:00 PM	1.81	0.84	0.045	0.00
1:05 PM	1.49	0.83	0.034	
1:10 PM	1.74	1.07	0.055	
1:15 PM	1.53	0.96	0.041	0.00
1:20 PM	2.11	0.73	0.050	
1:25 PM	1.69	1.08	0.053	

1:30 PM	1.55	0.64	0.028	0.00
1:35 PM	2.00	1.18	0.075	
1:40 PM	1.31	0.90	0.030	
1:45 PM	1.88	0.70	0.040	0.00
1:50 PM	2.02	0.70	0.045	
1:55 PM	1.44	0.82	0.032	
2:00 PM	1.74	0.94	0.048	0.00
2:05 PM	1.44	1.12	0.043	
2:10 PM	1.56	0.45	0.019	
2:15 PM	1.37	0.99	0.036	0.00
2:20 PM	1.71	0.58	0.029	
2:25 PM	1.58	0.75	0.033	
2:30 PM	1.63	1.10	0.051	0.00
2:35 PM	1.64	0.88	0.041	
2:40 PM	1.77	0.61	0.032	
2:45 PM	1.65	1.19	0.056	0.00
2:50 PM	1.35	0.61	0.022	
2:55 PM	1.86	0.89	0.050	
3:00 PM	1.69	0.77	0.038	0.00
3:05 PM	1.92	0.85	0.051	
3:10 PM	1.56	0.84	0.037	
3:15 PM	1.73	1.12	0.057	0.00
3:20 PM	2.18	1.04	0.074	
3:25 PM	1.38	0.48	0.017	
3:30 PM	1.53	1.11	0.047	0.00
3:35 PM	1.29	0.72	0.024	
3:40 PM	1.45	0.57	0.022	
3:45 PM	1.61	0.68	0.031	0.00
3:50 PM	1.38	0.91	0.033	
3:55 PM	1.65	0.55	0.026	
4:00 PM	1.31	1.01	0.034	0.00
4:05 PM	1.36	0.82	0.030	
4:10 PM	1.22	0.51	0.016	
4:15 PM	1.96	0.65	0.040	0.00
4:20 PM	1.21	0.94	0.028	
4:25 PM	1.33	0.73	0.025	
4:30 PM	1.18	0.65	0.019	0.00
4:35 PM	1.42	0.72	0.028	
4:40 PM	1.65	0.66	0.031	
4:45 PM	1.51	0.68	0.029	0.00
4:50 PM	1.29	0.67	0.022	
4:55 PM	1.28	0.60	0.020	
5:00 PM	1.53	0.96	0.041	0.00
5:05 PM	1.75	0.67	0.034	
5:10 PM	1.20	1.09	0.032	
5:15 PM	1.47	0.48	0.019	0.00
5:20 PM	1.50	0.63	0.026	
5:25 PM	1.38	0.80	0.029	
5:30 PM	1.47	0.82	0.033	0.00
5:35 PM	1.49	0.41	0.017	
5:40 PM	1.09	0.84	0.022	

5:45 PM	1.18	0.65	0.019	0.00
5:50 PM	1.59	0.81	0.037	
5:55 PM	1.46	0.65	0.026	
6:00 PM	1.00	0.72	0.017	0.00
6:05 PM	1.61	0.73	0.033	
6:10 PM	1.32	0.64	0.022	
6:15 PM	1.20	0.71	0.021	0.00
6:20 PM	1.58	0.96	0.043	
6:25 PM	1.94	0.72	0.043	
6:30 PM	1.12	0.71	0.019	0.00
6:35 PM	1.64	1.03	0.049	
6:40 PM	1.53	0.58	0.025	
6:45 PM	1.79	0.89	0.047	0.00
6:50 PM	1.51	0.83	0.035	
6:55 PM	1.63	0.80	0.038	
7:00 PM	1.54	0.95	0.040	0.00
7:05 PM	1.59	0.99	0.045	
7:10 PM	1.65	0.60	0.028	
7:15 PM	1.52	1.02	0.043	0.00
7:20 PM	1.42	0.74	0.028	
7:25 PM	1.45	0.74	0.029	
7:30 PM	1.40	0.63	0.024	0.00
7:35 PM	1.58	0.77	0.034	
7:40 PM	0.96	0.78	0.017	
7:45 PM	1.75	0.64	0.033	0.00
7:50 PM	1.87	1.16	0.066	
7:55 PM	1.17	0.71	0.020	
8:00 PM	1.44	0.48	0.019	0.00
8:05 PM	1.45	0.92	0.036	
8:10 PM	1.44	0.95	0.037	
8:15 PM	1.48	0.64	0.026	0.00
8:20 PM	1.77	0.79	0.041	
8:25 PM	1.76	1.00	0.052	
8:30 PM	1.68	0.64	0.031	0.00
8:35 PM	1.71	1.13	0.057	
8:40 PM	1.90	0.84	0.049	
8:45 PM	1.67	0.80	0.039	0.00
8:50 PM	1.49	0.73	0.030	
8:55 PM	1.72	1.05	0.053	
9:00 PM	2.05	0.68	0.044	0.00
9:05 PM	1.24	0.98	0.030	
9:10 PM	1.99	0.96	0.060	
9:15 PM	1.22	0.83	0.025	0.00
9:20 PM	1.77	0.69	0.036	
9:25 PM	1.70	1.12	0.056	
9:30 PM	1.56	0.68	0.030	0.00
9:35 PM	1.02	0.68	0.016	
9:40 PM	1.26	0.94	0.030	
9:45 PM	1.53	0.86	0.037	0.00
9:50 PM	1.55	0.51	0.022	
9:55 PM	1.49	0.81	0.033	

	10:00 PM	1.39	1.04	0.038	0.00
	10:05 PM	1.97	0.90	0.055	
	10:10 PM	1.47	1.18	0.047	
	10:15 PM	1.58	1.10	0.049	0.00
	10:20 PM	2.00	0.96	0.061	
	10:25 PM	1.58	0.75	0.033	
	10:30 PM	1.47	0.80	0.032	0.00
	10:35 PM	1.77	1.13	0.059	
	10:40 PM	1.62	0.81	0.038	
	10:45 PM	1.57	0.78	0.035	0.00
	10:50 PM	1.50	0.92	0.038	
	10:55 PM	1.65	0.65	0.031	
	11:00 PM	1.14	0.86	0.024	0.00
	11:05 PM	1.43	0.67	0.026	
	11:10 PM	1.48	0.80	0.032	
	11:15 PM	1.44	0.64	0.025	0.00
	11:20 PM	1.30	0.73	0.024	
	11:25 PM	1.47	0.79	0.032	
	11:30 PM	1.32	0.27	0.009	0.00
	11:35 PM	1.45	1.04	0.041	
	11:40 PM	1.13	0.75	0.020	
	11:45 PM	1.50	0.68	0.028	0.00
	11:50 PM	0.98	0.35	0.008	
	11:55 PM	1.64	1.01	0.048	
5/29/2023	12:00 AM	1.29	0.45	0.015	0.00
	12:05 AM	1.40	0.91	0.034	
	12:10 AM	1.24	0.58	0.018	
	12:15 AM	1.52	0.76	0.032	0.00
	12:20 AM	1.21	0.58	0.018	
	12:25 AM	1.58	0.71	0.032	
	12:30 AM	1.05	0.95	0.023	0.00
	12:35 AM	1.14	0.47	0.013	
	12:40 AM	1.11	0.47	0.012	
	12:45 AM	1.12	0.98	0.026	0.00
	12:50 AM	0.98	0.38	0.008	
	12:55 AM	0.78	0.45	0.007	
	1:00 AM	0.96	0.45	0.010	0.00
	1:05 AM	1.41	0.66	0.025	
	1:10 AM	0.64	0.18	0.002	
	1:15 AM	0.82	0.53	0.009	0.00
	1:20 AM	1.10	0.53	0.014	
	1:25 AM	0.72	0.80	0.011	
	1:30 AM	0.77	0.49	0.007	0.00
	1:35 AM	1.22	0.57	0.017	
	1:40 AM	0.95	0.27	0.006	
	1:45 AM	0.52	0.39	0.003	0.00
	1:50 AM	0.73	0.50	0.007	
	1:55 AM	1.01	0.44	0.010	
	2:00 AM	0.82	0.46	0.008	0.00
	2:05 AM	0.65	0.51	0.006	
	2:10 AM	0.77	0.64	0.010	

2:15 AM	0.77	0.50	0.008	0.00
2:20 AM	0.75	0.25	0.004	
2:25 AM	0.97	0.72	0.016	
2:30 AM	0.48	0.07	0.001	0.00
2:35 AM	0.96	0.61	0.013	
2:40 AM	0.64	0.30	0.004	
2:45 AM	0.95	0.43	0.009	0.00
2:50 AM	0.78	0.50	0.008	
2:55 AM	0.71	0.35	0.005	
3:00 AM	0.70	0.47	0.006	0.00
3:05 AM	0.63	0.43	0.005	
3:10 AM	0.54	0.43	0.004	
3:15 AM	0.66	0.22	0.003	0.00
3:20 AM	0.81	0.54	0.009	
3:25 AM	0.59	0.34	0.004	
3:30 AM	1.01	0.55	0.013	0.00
3:35 AM	0.55	0.41	0.004	
3:40 AM	0.69	0.43	0.006	
3:45 AM	0.46	0.29	0.002	0.00
3:50 AM	0.95	0.32	0.007	
3:55 AM	0.58	0.23	0.002	
4:00 AM	0.17	0.33	0.001	0.00
4:05 AM	0.88	0.32	0.006	
4:10 AM	0.65	0.58	0.007	
4:15 AM	0.52	0.28	0.002	0.00
4:20 AM	0.46	0.47	0.003	
4:25 AM	0.47	0.13	0.001	
4:30 AM	0.66	0.23	0.003	0.00
4:35 AM	0.62	0.52	0.006	
4:40 AM	0.57	0.26	0.003	
4:45 AM	0.25	0.24	0.001	0.00
4:50 AM	0.68	0.48	0.006	
4:55 AM	0.60	0.16	0.002	
5:00 AM	0.48	0.38	0.003	0.00
5:05 AM	0.74	0.53	0.008	
5:10 AM	0.75	0.13	0.002	
5:15 AM	0.36	0.64	0.003	0.00
5:20 AM	0.77	0.15	0.002	
5:25 AM	0.41	0.29	0.002	
5:30 AM	0.67	0.39	0.005	0.00
5:35 AM	0.32	0.47	0.002	
5:40 AM	0.66	0.53	0.007	
5:45 AM	0.47	0.02	0.000	0.00
5:50 AM	0.75	0.52	0.008	
5:55 AM	0.76	0.41	0.006	
6:00 AM	0.70	0.45	0.006	0.00
6:05 AM	0.14	0.37	0.000	
6:10 AM	0.67	0.37	0.005	
6:15 AM	0.60	0.20	0.002	0.00
6:20 AM	0.74	0.45	0.007	
6:25 AM	0.68	0.53	0.007	

6:30 AM	0.20	0.24	0.001	0.00
6:35 AM	0.97	0.43	0.009	
6:40 AM	0.85	0.68	0.012	
6:45 AM	0.51	0.20	0.002	0.00
6:50 AM	0.84	0.60	0.011	
6:55 AM	0.95	0.40	0.008	
7:00 AM	0.68	0.48	0.006	0.00
7:05 AM	0.84	0.37	0.007	
7:10 AM	0.72	0.84	0.012	
7:15 AM	1.28	0.20	0.006	0.00
7:20 AM	0.94	0.66	0.014	
7:25 AM	0.70	0.24	0.003	
7:30 AM	0.54	0.61	0.006	0.00
7:35 AM	1.19	0.68	0.020	
7:40 AM	0.78	0.30	0.005	
7:45 AM	0.81	0.48	0.008	0.00
7:50 AM	0.90	0.48	0.009	
7:55 AM	1.35	0.74	0.026	
8:00 AM	0.95	0.53	0.011	0.00
8:05 AM	1.22	1.03	0.031	
8:10 AM	1.23	0.58	0.018	
8:15 AM	1.29	0.80	0.026	0.00
8:20 AM	1.45	0.80	0.031	
8:25 AM	1.10	0.54	0.014	
8:30 AM	1.60	0.69	0.031	0.00
8:35 AM	1.20	0.65	0.019	
8:40 AM	1.56	1.06	0.046	
8:45 AM	1.18	0.72	0.021	0.00
8:50 AM	1.70	0.65	0.032	
8:55 AM	1.16	1.15	0.033	
9:00 AM	1.81	0.58	0.032	0.00
9:05 AM	1.13	0.90	0.024	
9:10 AM	1.52	0.93	0.039	
9:15 AM	1.51	0.80	0.033	0.00
9:20 AM	1.37	0.96	0.035	
9:25 AM	1.51	0.50	0.021	
9:30 AM	1.49	0.88	0.036	0.00
9:35 AM	1.97	0.72	0.044	
9:40 AM	1.60	1.14	0.052	
9:45 AM	1.50	0.76	0.031	0.00
9:50 AM	1.11	0.64	0.017	
9:55 AM	1.52	0.92	0.039	
10:00 AM	1.75	0.64	0.033	0.00
10:05 AM	1.83	0.99	0.055	
10:10 AM	1.97	1.03	0.063	
10:15 AM	1.70	1.27	0.063	0.00
10:20 AM	1.60	0.74	0.034	
10:25 AM	1.49	0.56	0.023	
10:30 AM	1.74	1.31	0.067	0.00
10:35 AM	1.72	0.59	0.030	
10:40 AM	1.88	1.25	0.072	

10:45 AM	1.92	0.76	0.045	0.00
10:50 AM	1.72	1.04	0.052	
10:55 AM	1.54	0.64	0.027	
11:00 AM	1.90	1.07	0.062	0.00
11:05 AM	1.93	0.79	0.047	
11:10 AM	2.26	1.37	0.103	
11:15 AM	1.60	0.84	0.038	0.00
11:20 AM	1.46	0.83	0.033	
11:25 AM	2.13	0.88	0.061	
11:30 AM	1.63	1.04	0.048	0.00
11:35 AM	2.18	0.94	0.067	
11:40 AM	1.51	0.98	0.041	
11:45 AM	1.94	0.70	0.042	0.00
11:50 AM	2.18	1.48	0.105	
11:55 AM	1.86	0.97	0.054	
12:00 PM	2.06	0.78	0.051	0.00
12:05 PM	1.64	1.19	0.056	
12:10 PM	1.79	0.68	0.036	
12:15 PM	1.87	1.03	0.059	0.00
12:20 PM	1.84	0.94	0.052	
12:25 PM	2.05	0.74	0.048	
12:30 PM	1.32	0.92	0.031	0.00
12:35 PM	1.69	0.87	0.043	
12:40 PM	2.08	0.46	0.031	
12:45 PM	1.91	1.60	0.094	0.00
12:50 PM	2.01	0.73	0.046	
12:55 PM	1.50	1.01	0.042	
1:00 PM	1.90	1.16	0.067	0.00
1:05 PM	1.81	0.88	0.048	
1:10 PM	1.83	0.84	0.046	
1:15 PM	2.04	0.94	0.061	0.00
1:20 PM	1.87	0.77	0.043	
1:25 PM	1.34	0.91	0.032	
1:30 PM	1.66	0.66	0.032	0.00
1:35 PM	1.62	0.80	0.037	
1:40 PM	1.70	0.96	0.048	
1:45 PM	1.65	0.71	0.034	0.00
1:50 PM	1.66	1.00	0.048	
1:55 PM	1.80	0.91	0.049	
2:00 PM	1.40	0.65	0.024	0.00
2:05 PM	1.58	0.94	0.042	
2:10 PM	1.57	0.75	0.033	
2:15 PM	1.69	0.91	0.045	0.00
2:20 PM	1.85	0.74	0.042	
2:25 PM	1.56	0.85	0.037	
2:30 PM	1.92	1.47	0.087	0.00
2:35 PM	1.63	0.68	0.032	
2:40 PM	1.56	0.97	0.043	
2:45 PM	2.24	0.97	0.072	0.00
2:50 PM	1.49	0.93	0.038	
2:55 PM	1.42	0.92	0.035	

3:00 PM	1.59	0.71	0.032	0.00
3:05 PM	1.86	0.91	0.052	
3:10 PM	1.71	1.03	0.051	
3:15 PM	1.49	0.62	0.025	0.00
3:20 PM	1.89	1.02	0.059	
3:25 PM	1.44	0.69	0.027	
3:30 PM	1.78	1.01	0.053	0.00
3:35 PM	1.51	0.92	0.039	
3:40 PM	1.79	0.79	0.042	
3:45 PM	1.63	0.81	0.038	0.00
3:50 PM	1.75	1.09	0.057	
3:55 PM	1.63	0.74	0.034	
4:00 PM	1.76	0.61	0.032	0.00
4:05 PM	1.62	0.85	0.039	
4:10 PM	1.51	1.00	0.042	
4:15 PM	1.53	0.76	0.032	0.00
4:20 PM	1.56	0.76	0.033	
4:25 PM	1.56	0.76	0.033	
4:30 PM	1.35	0.65	0.023	0.00
4:35 PM	1.46	0.89	0.035	
4:40 PM	1.43	0.54	0.021	
4:45 PM	1.48	1.04	0.042	0.00
4:50 PM	1.72	0.46	0.023	
4:55 PM	1.53	0.83	0.035	
5:00 PM	1.85	0.85	0.048	0.00
5:05 PM	1.70	1.08	0.054	
5:10 PM	2.00	0.84	0.053	
5:15 PM	1.57	0.99	0.044	0.00
5:20 PM	1.78	0.74	0.039	
5:25 PM	2.08	1.11	0.074	
5:30 PM	1.53	0.81	0.034	0.00
5:35 PM	1.41	1.00	0.038	
5:40 PM	2.13	0.73	0.050	
5:45 PM	1.75	1.39	0.072	0.00
5:50 PM	1.65	0.54	0.026	
5:55 PM	1.71	0.79	0.040	
6:00 PM	2.01	0.89	0.056	0.00
6:05 PM	1.10	0.84	0.022	
6:10 PM	1.93	1.00	0.060	
6:15 PM	2.03	0.68	0.044	0.00
6:20 PM	1.41	1.34	0.051	
6:25 PM	2.28	0.78	0.059	
6:30 PM	1.40	1.17	0.044	0.00
6:35 PM	1.64	0.81	0.038	
6:40 PM	2.06	0.82	0.054	
6:45 PM	1.66	1.04	0.050	0.00
6:50 PM	1.81	0.87	0.047	
6:55 PM	2.07	0.93	0.061	
7:00 PM	1.65	0.93	0.044	0.00
7:05 PM	2.06	0.98	0.064	
7:10 PM	1.82	1.06	0.058	

7:15 PM	1.79	1.13	0.061	0.00
7:20 PM	1.98	0.80	0.049	
7:25 PM	1.56	0.69	0.030	
7:30 PM	2.12	0.94	0.064	0.00
7:35 PM	1.94	1.19	0.071	
7:40 PM	1.92	0.94	0.055	
7:45 PM	1.91	1.08	0.063	0.00
7:50 PM	1.69	0.84	0.041	
7:55 PM	1.88	1.08	0.062	
8:00 PM	2.05	0.93	0.061	0.00
8:05 PM	2.02	1.06	0.067	
8:10 PM	2.29	1.17	0.089	
8:15 PM	1.64	0.88	0.041	0.00
8:20 PM	1.60	0.85	0.039	
8:25 PM	1.96	0.79	0.048	
8:30 PM	1.88	1.06	0.061	0.00
8:35 PM	1.77	1.22	0.064	
8:40 PM	1.63	0.82	0.038	
8:45 PM	2.55	1.13	0.101	0.00
8:50 PM	1.79	0.99	0.053	
8:55 PM	2.44	1.06	0.089	
9:00 PM	1.73	0.95	0.048	0.00
9:05 PM	1.98	1.01	0.063	
9:10 PM	2.02	0.93	0.059	
9:15 PM	1.72	0.99	0.050	0.00
9:20 PM	1.64	0.95	0.045	
9:25 PM	2.35	0.89	0.071	
9:30 PM	2.05	1.28	0.083	0.00
9:35 PM	2.36	1.03	0.082	
9:40 PM	2.48	1.29	0.111	
9:45 PM	1.76	0.93	0.048	0.00
9:50 PM	2.35	1.18	0.094	
9:55 PM	2.64	1.16	0.108	
10:00 PM	2.24	1.22	0.090	0.00
10:05 PM	1.96	1.08	0.066	
10:10 PM	2.02	0.85	0.054	
10:15 PM	1.88	0.68	0.039	0.00
10:20 PM	2.01	0.94	0.059	
10:25 PM	1.85	0.96	0.054	
10:30 PM	1.97	0.85	0.052	0.00
10:35 PM	1.75	0.98	0.051	
10:40 PM	2.03	0.93	0.060	
10:45 PM	1.56	0.75	0.033	0.00
10:50 PM	1.79	0.90	0.048	
10:55 PM	2.16	0.81	0.057	
11:00 PM	1.41	1.14	0.043	0.00
11:05 PM	1.92	0.82	0.048	
11:10 PM	1.70	0.63	0.031	
11:15 PM	1.51	0.90	0.037	0.00
11:20 PM	1.57	0.49	0.022	
11:25 PM	1.49	0.85	0.035	

5/30/2023

11:30 PM	1.40	0.61	0.023	0.00
11:35 PM	1.69	0.61	0.030	
11:40 PM	1.41	0.76	0.028	
11:45 PM	1.36	0.71	0.025	0.00
11:50 PM	1.34	0.56	0.020	
11:55 PM	1.44	0.85	0.033	
12:00 AM	1.48	0.34	0.014	0.00
12:05 AM	1.08	0.70	0.018	
12:10 AM	1.56	0.38	0.017	
12:15 AM	1.42	0.79	0.030	0.00
12:20 AM	1.19	0.47	0.014	
12:25 AM	1.26	0.67	0.021	
12:30 AM	1.30	0.59	0.020	0.00
12:35 AM	1.11	0.45	0.012	
12:40 AM	0.91	0.35	0.007	
12:45 AM	1.16	0.81	0.023	0.00
12:50 AM	1.41	0.35	0.013	
12:55 AM	0.85	0.90	0.016	
1:00 AM	1.17	0.46	0.013	0.00
1:05 AM	0.92	0.39	0.008	
1:10 AM	1.16	0.76	0.022	
1:15 AM	1.07	0.58	0.015	0.00
1:20 AM	0.82	0.62	0.010	
1:25 AM	1.10	0.49	0.013	
1:30 AM	0.58	0.23	0.002	0.00
1:35 AM	1.26	0.27	0.009	
1:40 AM	0.46	0.62	0.004	
1:45 AM	1.29	0.38	0.013	0.00
1:50 AM	0.64	0.78	0.009	
1:55 AM	0.74	0.21	0.003	
2:00 AM	0.71	0.52	0.007	0.00
2:05 AM	0.71	0.38	0.005	
2:10 AM	0.78	0.49	0.008	
2:15 AM	0.77	0.51	0.008	0.00
2:20 AM	0.56	0.24	0.002	
2:25 AM	1.05	0.38	0.009	
2:30 AM	0.36	0.29	0.001	0.00
2:35 AM	0.81	0.40	0.007	
2:40 AM	0.70	0.36	0.005	
2:45 AM	0.68	0.52	0.007	0.00
2:50 AM	0.35	0.19	0.001	
2:55 AM	1.03	0.35	0.008	
3:00 AM	0.66	0.73	0.009	0.00
3:05 AM	0.97	0.29	0.006	
3:10 AM	0.55	0.65	0.006	
3:15 AM	0.75	0.33	0.005	0.00
3:20 AM	0.59	0.22	0.002	
3:25 AM	0.92	0.86	0.017	
3:30 AM	0.63	0.11	0.001	0.00
3:35 AM	0.23	0.37	0.001	
3:40 AM	0.56	0.24	0.002	

3:45 AM	0.77	0.46	0.007	0.00
3:50 AM	0.45	0.26	0.002	
3:55 AM	0.39	0.37	0.002	
4:00 AM	0.68	0.07	0.001	0.00
4:05 AM	0.78	0.62	0.010	
4:10 AM	0.26	0.13	0.000	
4:15 AM	0.82	0.55	0.009	0.00
4:20 AM	0.50	0.28	0.002	
4:25 AM	0.66	0.28	0.003	
4:30 AM	0.61	0.47	0.005	0.00
4:35 AM	0.56	0.58	0.006	
4:40 AM	0.59	0.30	0.003	
4:45 AM	0.96	0.08	0.002	0.00
4:50 AM	0.19	0.62	0.001	
4:55 AM	0.92	0.09	0.002	
5:00 AM	0.61	0.39	0.004	0.00
5:05 AM	0.67	0.55	0.007	
5:10 AM	0.50	0.20	0.002	
5:15 AM	0.57	0.35	0.003	0.00
5:20 AM	0.68	0.49	0.006	
5:25 AM	0.85	0.49	0.009	
5:30 AM	0.82	0.23	0.004	0.00
5:35 AM	0.80	0.45	0.007	
5:40 AM	0.43	0.60	0.004	
5:45 AM	0.84	0.38	0.007	0.00
5:50 AM	1.01	0.35	0.008	
5:55 AM	0.87	0.54	0.010	
6:00 AM	0.50	0.41	0.003	0.00
6:05 AM	0.99	0.71	0.016	
6:10 AM	1.09	0.47	0.012	
6:15 AM	0.75	0.52	0.008	0.00
6:20 AM	1.13	0.35	0.009	
6:25 AM	0.60	0.70	0.007	
6:30 AM	1.18	0.57	0.017	0.00
6:35 AM	1.00	0.73	0.017	
6:40 AM	1.16	0.60	0.017	
6:45 AM	0.74	0.60	0.009	0.00
6:50 AM	1.46	0.61	0.024	
6:55 AM	1.02	0.74	0.017	
7:00 AM	1.68	0.93	0.045	0.00
7:05 AM	1.29	0.81	0.027	
7:10 AM	1.73	0.90	0.046	
7:15 AM	1.57	0.65	0.029	0.00
7:20 AM	1.88	0.62	0.035	
7:25 AM	1.46	0.80	0.032	
7:30 AM	1.55	0.76	0.033	0.00
7:35 AM	1.73	0.72	0.037	
7:40 AM	1.51	0.88	0.037	
7:45 AM	1.59	1.00	0.045	0.00
7:50 AM	1.58	0.56	0.025	
7:55 AM	1.73	0.65	0.033	

8:00 AM	1.36	0.88	0.031	0.00
8:05 AM	1.84	0.69	0.038	
8:10 AM	1.97	1.12	0.069	
8:15 AM	1.69	0.87	0.043	0.00
8:20 AM	1.62	1.01	0.047	
8:25 AM	1.76	0.96	0.050	
8:30 AM	2.05	1.13	0.074	0.00
8:35 AM	1.80	0.89	0.048	
8:40 AM	1.72	0.86	0.044	
8:45 AM	1.97	0.90	0.055	0.00
8:50 AM	1.21	0.57	0.017	
8:55 AM	1.92	0.83	0.049	
9:00 AM	1.69	1.11	0.054	0.00
9:05 AM	1.32	0.71	0.024	
9:10 AM	1.95	0.91	0.055	
9:15 AM	1.66	0.95	0.046	0.00
9:20 AM	1.87	1.08	0.062	
9:25 AM	1.61	0.73	0.033	
9:30 AM	1.56	0.85	0.037	0.00
9:35 AM	1.69	0.43	0.021	
9:40 AM	1.69	1.32	0.065	
9:45 AM	1.18	0.65	0.019	0.00
9:50 AM	1.60	0.92	0.042	
9:55 AM	1.60	0.76	0.035	
10:00 AM	1.68	0.95	0.046	0.00
10:05 AM	1.62	0.55	0.025	
10:10 AM	1.73	0.88	0.045	
10:15 AM	1.44	0.83	0.032	0.00
10:20 AM	1.53	0.88	0.037	
10:25 AM	1.61	1.18	0.054	
10:30 AM	1.77	0.91	0.048	0.00
10:35 AM	1.60	0.97	0.044	
10:40 AM	1.75	0.66	0.034	
10:45 AM	1.50	0.84	0.035	0.00
10:50 AM	1.42	0.66	0.025	
10:55 AM	1.59	1.00	0.045	
11:00 AM	1.65	0.79	0.038	0.00
11:05 AM	1.29	0.52	0.017	
11:10 AM	1.69	1.05	0.052	
11:15 AM	1.50	0.35	0.014	0.00
11:20 AM	1.54	0.82	0.035	
11:25 AM	1.63	0.79	0.037	
11:30 AM	1.21	0.64	0.019	0.00
11:35 AM	1.59	0.38	0.017	
11:40 AM	1.36	0.76	0.027	
11:45 AM	1.54	0.67	0.029	0.00
11:50 AM	1.20	0.66	0.020	
11:55 AM	1.27	0.76	0.025	
12:00 PM	1.53	0.46	0.020	0.00
12:05 PM	1.39	0.96	0.035	
12:10 PM	1.31	0.40	0.014	

12:15 PM	1.73	0.84	0.043	0.00
12:20 PM	1.17	0.85	0.025	
12:25 PM	1.33	0.65	0.022	
12:30 PM	1.37	0.55	0.020	0.00
12:35 PM	1.41	0.70	0.027	
12:40 PM	0.94	0.66	0.014	
12:45 PM	1.67	0.82	0.040	0.00
12:50 PM	1.53	0.77	0.033	
12:55 PM	1.54	0.68	0.029	
1:00 PM	1.52	0.72	0.031	0.00
1:05 PM	1.45	0.63	0.025	
1:10 PM	1.22	0.43	0.013	
1:15 PM	1.45	0.88	0.035	0.00
1:20 PM	1.26	0.72	0.023	
1:25 PM	0.93	0.66	0.013	
1:30 PM	1.09	0.61	0.016	0.00
1:35 PM	1.54	0.36	0.015	
1:40 PM	1.01	0.77	0.018	
1:45 PM	1.27	0.94	0.030	0.00
1:50 PM	1.36	0.59	0.021	
1:55 PM	1.12	0.59	0.016	
2:00 PM	1.69	0.99	0.049	0.00
2:05 PM	1.14	0.51	0.014	
2:10 PM	1.45	0.70	0.028	
2:15 PM	1.11	0.55	0.015	0.00
2:20 PM	1.16	0.80	0.023	
2:25 PM	1.32	0.63	0.022	
2:30 PM	1.11	0.65	0.017	0.00
2:35 PM	1.21	0.83	0.025	
2:40 PM	1.46	0.54	0.021	
2:45 PM	1.13	0.73	0.020	0.00
2:50 PM	1.50	0.91	0.038	
2:55 PM	1.34	0.80	0.028	
3:00 PM	1.68	0.67	0.033	0.00
3:05 PM	1.23	0.67	0.021	
3:10 PM	1.37	0.96	0.035	
3:15 PM	1.55	0.67	0.029	0.00
3:20 PM	1.48	0.56	0.023	
3:25 PM	1.14	0.74	0.021	
3:30 PM	1.46	0.59	0.024	0.00
3:35 PM	1.30	0.85	0.029	
3:40 PM	1.26	0.72	0.023	
3:45 PM	1.21	0.58	0.017	0.00
3:50 PM	1.23	0.77	0.024	
3:55 PM	1.53	0.69	0.029	
4:00 PM	1.15	0.94	0.026	0.00
4:05 PM	1.55	0.49	0.021	
4:10 PM	1.01	0.81	0.019	
4:15 PM	1.67	0.65	0.031	0.00
4:20 PM	1.27	1.09	0.035	
4:25 PM	1.78	0.56	0.030	

4:30 PM	1.58	0.92	0.041	0.00
4:35 PM	1.18	0.74	0.021	
4:40 PM	1.59	0.62	0.028	
4:45 PM	1.37	1.06	0.038	0.00
4:50 PM	1.07	0.55	0.014	
4:55 PM	1.53	0.57	0.024	
5:00 PM	1.64	0.66	0.031	0.00
5:05 PM	1.54	0.93	0.040	
5:10 PM	1.41	0.41	0.016	
5:15 PM	1.55	0.84	0.037	0.00
5:20 PM	0.98	0.82	0.018	
5:25 PM	2.00	0.50	0.032	
5:30 PM	1.50	0.86	0.036	0.00
5:35 PM	1.56	0.45	0.020	
5:40 PM	1.21	0.70	0.021	
5:45 PM	1.75	0.74	0.039	0.00
5:50 PM	1.40	0.73	0.027	
5:55 PM	1.68	0.72	0.035	
6:00 PM	1.60	0.69	0.031	0.00
6:05 PM	1.49	0.60	0.025	
6:10 PM	1.72	0.93	0.047	
6:15 PM	1.22	0.97	0.030	0.00
6:20 PM	1.47	0.40	0.016	
6:25 PM	1.66	0.78	0.037	
6:30 PM	1.11	0.90	0.024	0.00
6:35 PM	1.46	0.57	0.022	
6:40 PM	1.94	0.60	0.036	
6:45 PM	1.57	0.94	0.042	0.00
6:50 PM	1.61	0.86	0.039	
6:55 PM	1.38	0.81	0.030	
7:00 PM	1.43	0.70	0.027	0.00
7:05 PM	1.97	0.61	0.037	
7:10 PM	1.52	0.88	0.037	
7:15 PM	1.34	0.94	0.033	0.00
7:20 PM	1.83	0.73	0.040	
7:25 PM	2.04	0.97	0.063	
7:30 PM	1.98	0.79	0.049	0.00
7:35 PM	1.62	1.07	0.049	
7:40 PM	1.78	0.73	0.039	
7:45 PM	1.89	0.94	0.055	0.00
7:50 PM	1.58	0.89	0.040	
7:55 PM	1.30	0.82	0.028	
8:00 PM	1.71	0.59	0.029	0.00
8:05 PM	1.68	1.14	0.056	
8:10 PM	1.47	0.90	0.036	
8:15 PM	1.83	0.95	0.053	0.00
8:20 PM	1.79	0.74	0.040	
8:25 PM	1.58	0.80	0.036	
8:30 PM	1.77	0.91	0.048	0.00
8:35 PM	1.81	0.42	0.023	
8:40 PM	1.59	0.93	0.042	

	8:45 PM	1.94	0.86	0.052	0.00
	8:50 PM	1.95	1.11	0.067	
	8:55 PM	1.66	0.69	0.033	
	9:00 PM	1.97	0.91	0.056	0.00
	9:05 PM	2.03	0.80	0.052	
	9:10 PM	1.73	0.78	0.039	
	9:15 PM	1.60	1.01	0.046	0.00
	9:20 PM	2.27	1.19	0.090	
	9:25 PM	1.61	0.88	0.040	
	9:30 PM	1.87	0.83	0.047	0.00
	9:35 PM	2.38	0.97	0.078	
	9:40 PM	1.60	1.13	0.051	
	9:45 PM	2.05	0.84	0.054	0.00
	9:50 PM	1.86	1.06	0.060	
	9:55 PM	1.86	1.05	0.059	
	10:00 PM	2.02	1.11	0.070	0.00
	10:05 PM	2.01	0.74	0.047	
	10:10 PM	1.54	0.99	0.042	
	10:15 PM	1.94	0.84	0.051	0.00
	10:20 PM	2.01	1.03	0.065	
	10:25 PM	2.15	1.02	0.071	
	10:30 PM	2.03	0.81	0.052	0.00
	10:35 PM	1.87	0.90	0.052	
	10:40 PM	1.87	0.94	0.054	
	10:45 PM	1.92	1.12	0.067	0.00
	10:50 PM	1.94	0.71	0.043	
	10:55 PM	1.97	1.35	0.083	
	11:00 PM	1.75	0.74	0.038	0.00
	11:05 PM	2.03	0.76	0.049	
	11:10 PM	1.67	1.09	0.053	
	11:15 PM	1.45	0.49	0.019	0.00
	11:20 PM	1.70	1.05	0.052	
	11:25 PM	1.70	0.83	0.041	
	11:30 PM	1.47	0.86	0.035	0.00
	11:35 PM	1.75	0.68	0.035	
	11:40 PM	1.56	0.89	0.039	
	11:45 PM	1.38	0.64	0.023	0.00
	11:50 PM	1.69	0.63	0.031	
	11:55 PM	1.23	0.90	0.028	
5/31/2023	12:00 AM	1.81	0.72	0.039	0.00
	12:05 AM	1.58	0.51	0.023	
	12:10 AM	1.25	0.81	0.025	
	12:15 AM	1.45	0.71	0.028	0.00
	12:20 AM	1.31	0.50	0.017	
	12:25 AM	1.40	0.90	0.034	
	12:30 AM	1.19	0.76	0.022	0.00
	12:35 AM	1.45	0.48	0.019	
	12:40 AM	1.15	0.52	0.015	
	12:45 AM	1.22	0.49	0.015	0.00
	12:50 AM	1.39	0.75	0.028	
	12:55 AM	0.78	0.46	0.007	

1:00 AM	1.53	0.47	0.020	0.00
1:05 AM	0.96	0.35	0.007	
1:10 AM	0.99	0.59	0.013	
1:15 AM	1.05	0.59	0.014	0.00
1:20 AM	1.17	0.45	0.013	
1:25 AM	0.85	0.79	0.014	
1:30 AM	1.13	0.61	0.017	0.00
1:35 AM	1.24	0.58	0.018	
1:40 AM	0.55	0.31	0.003	
1:45 AM	1.14	0.89	0.025	0.00
1:50 AM	1.04	0.39	0.009	
1:55 AM	0.79	0.31	0.005	
2:00 AM	0.82	0.38	0.006	0.00
2:05 AM	0.75	0.47	0.007	
2:10 AM	0.48	0.30	0.002	
2:15 AM	0.96	0.42	0.009	0.00
2:20 AM	0.75	0.38	0.006	
2:25 AM	0.56	0.25	0.002	
2:30 AM	0.63	0.53	0.006	0.00
2:35 AM	0.52	0.11	0.001	
2:40 AM	0.95	0.54	0.011	
2:45 AM	0.50	0.24	0.002	0.00
2:50 AM	0.95	0.62	0.013	
2:55 AM	0.38	0.13	0.001	
3:00 AM	0.57	0.58	0.006	0.00
3:05 AM	0.72	0.27	0.004	
3:10 AM	0.57	0.10	0.001	
3:15 AM	0.47	0.48	0.004	0.00
3:20 AM	0.67	0.22	0.003	
3:25 AM	0.46	0.32	0.002	
3:30 AM	0.76	0.27	0.004	0.00
3:35 AM	0.55	0.54	0.005	
3:40 AM	0.51	0.10	0.001	
3:45 AM	0.64	0.42	0.005	0.00
3:50 AM	0.77	0.38	0.006	
3:55 AM	0.31	0.45	0.002	
4:00 AM	0.43	0.22	0.001	0.00
4:05 AM	0.81	0.20	0.003	
4:10 AM	0.70	0.33	0.005	
4:15 AM	0.55	0.20	0.002	0.00
4:20 AM	0.74	0.30	0.004	
4:25 AM	0.69	0.60	0.008	
4:30 AM	0.39	0.21	0.001	0.00
4:35 AM	0.77	0.37	0.006	
4:40 AM	0.31	0.39	0.002	
4:45 AM	0.79	0.25	0.004	0.00
4:50 AM	0.79	0.58	0.009	
4:55 AM	0.60	0.15	0.002	
5:00 AM	0.79	0.21	0.003	0.00
5:05 AM	0.73	0.53	0.007	
5:10 AM	0.50	0.45	0.004	

5:15 AM	0.33	0.25	0.001	0.00
5:20 AM	0.94	0.51	0.010	
5:25 AM	0.52	0.45	0.004	
5:30 AM	0.89	0.20	0.004	0.00
5:35 AM	0.62	0.42	0.005	
5:40 AM	0.55	0.49	0.005	
5:45 AM	0.75	0.34	0.005	0.00
5:50 AM	0.88	0.28	0.005	
5:55 AM	0.89	0.59	0.011	
6:00 AM	0.59	0.34	0.003	0.00
6:05 AM	1.20	0.50	0.015	
6:10 AM	0.93	0.54	0.011	
6:15 AM	0.63	0.32	0.004	0.00
6:20 AM	0.77	0.64	0.010	
6:25 AM	0.79	0.53	0.008	
6:30 AM	1.28	0.28	0.009	0.00
6:35 AM	1.22	0.93	0.028	
6:40 AM	0.74	0.60	0.009	
6:45 AM	1.28	0.68	0.022	0.00
6:50 AM	1.47	0.79	0.032	
6:55 AM	1.13	0.65	0.018	
7:00 AM	1.79	0.76	0.041	0.00
7:05 AM	1.10	0.78	0.021	
7:10 AM	1.98	0.56	0.035	
7:15 AM	1.40	0.88	0.033	0.00
7:20 AM	1.69	0.77	0.038	
7:25 AM	1.59	0.85	0.038	
7:30 AM	1.71	1.01	0.051	0.00
7:35 AM	1.91	0.75	0.044	
7:40 AM	1.49	0.96	0.039	
7:45 AM	2.02	1.00	0.064	0.00
7:50 AM	2.20	0.75	0.054	
7:55 AM	1.53	0.84	0.036	
8:00 AM	1.85	0.94	0.053	0.00
8:05 AM	1.87	1.16	0.066	
8:10 AM	1.69	0.70	0.034	
8:15 AM	1.68	0.97	0.047	0.00
8:20 AM	1.73	0.76	0.039	
8:25 AM	1.96	0.93	0.057	
8:30 AM	1.80	0.76	0.041	0.00
8:35 AM	1.61	0.89	0.041	
8:40 AM	1.74	0.97	0.050	
8:45 AM	1.81	0.95	0.052	0.00
8:50 AM	1.59	0.67	0.030	
8:55 AM	1.59	1.03	0.046	
9:00 AM	1.22	0.62	0.019	0.00
9:05 AM	1.57	0.61	0.027	
9:10 AM	1.20	1.08	0.032	
9:15 AM	2.01	0.94	0.059	0.00
9:20 AM	1.64	0.98	0.046	
9:25 AM	1.47	0.91	0.036	

9:30 AM	1.30	0.72	0.024	0.00
9:35 AM	1.53	0.69	0.029	
9:40 AM	1.56	0.41	0.018	
9:45 AM	1.51	0.90	0.037	0.00
9:50 AM	1.33	0.68	0.024	
9:55 AM	1.39	0.89	0.033	
10:00 AM	1.24	0.75	0.023	0.00
10:05 AM	1.92	0.71	0.042	
10:10 AM	1.57	0.75	0.033	
10:15 AM	1.52	1.12	0.047	0.00
10:20 AM	1.25	0.53	0.017	
10:25 AM	1.04	0.67	0.016	
10:30 AM	1.82	0.58	0.032	0.00
10:35 AM	1.96	0.83	0.051	
10:40 AM	1.33	0.93	0.032	
10:45 AM	1.32	0.54	0.019	0.00
10:50 AM	1.43	0.84	0.032	
10:55 AM	1.52	0.80	0.034	
11:00 AM	1.43	0.73	0.028	0.00
11:05 AM	1.58	0.80	0.035	
11:10 AM	1.37	0.81	0.029	
11:15 AM	1.42	0.67	0.025	0.00
11:20 AM	0.86	0.66	0.012	
11:25 AM	1.46	0.54	0.022	
11:30 AM	1.43	0.65	0.025	0.00
11:35 AM	1.05	0.66	0.016	
11:40 AM	1.31	1.01	0.034	
11:45 AM	1.77	0.42	0.022	0.00
11:50 AM	1.42	0.66	0.025	
11:55 AM	1.16	0.75	0.021	
12:00 PM	1.33	0.51	0.018	0.00
12:05 PM	1.62	0.76	0.035	
12:10 PM	1.78	0.73	0.039	
12:15 PM	1.32	0.85	0.029	0.00
12:20 PM	1.62	0.84	0.039	
12:25 PM	1.00	0.57	0.013	
12:30 PM	1.29	0.86	0.028	0.00
12:35 PM	1.51	0.26	0.011	
12:40 PM	1.49	1.20	0.049	
12:45 PM	1.86	0.81	0.046	0.00
12:50 PM	1.33	0.40	0.014	
12:55 PM	1.27	1.06	0.035	
1:00 PM	1.43	0.76	0.029	0.00
1:05 PM	1.12	0.66	0.018	
1:10 PM	1.60	0.53	0.024	
1:15 PM	1.24	0.76	0.023	0.00
1:20 PM	1.33	0.99	0.034	
1:25 PM	0.93	0.41	0.008	
1:30 PM	1.11	0.49	0.013	0.00
1:35 PM	1.22	0.71	0.022	
1:40 PM	1.54	0.86	0.037	

1:45 PM	1.00	0.56	0.013	0.00
1:50 PM	1.25	0.80	0.025	
1:55 PM	1.40	0.63	0.024	
2:00 PM	1.72	0.95	0.048	0.00
2:05 PM	1.16	0.58	0.016	
2:10 PM	1.03	0.63	0.015	
2:15 PM	1.21	0.50	0.015	0.00
2:20 PM	1.75	0.74	0.038	
2:25 PM	1.35	0.75	0.026	
2:30 PM	1.24	0.68	0.021	0.00
2:35 PM	1.09	0.87	0.023	
2:40 PM	1.31	0.81	0.027	
2:45 PM	1.40	0.54	0.020	0.00
2:50 PM	1.33	0.61	0.021	
2:55 PM	0.68	0.98	0.013	
3:00 PM	1.33	0.44	0.015	0.00
3:05 PM	1.09	0.48	0.012	
3:10 PM	1.09	0.66	0.017	
3:15 PM	1.00	0.71	0.016	0.00
3:20 PM	1.02	0.65	0.015	
3:25 PM	1.28	0.61	0.020	
3:30 PM	1.24	0.60	0.019	0.00
3:35 PM	1.44	0.46	0.018	
3:40 PM	1.42	1.01	0.039	
3:45 PM	1.29	0.66	0.022	0.00
3:50 PM	1.29	0.82	0.027	
3:55 PM	1.23	0.62	0.019	
4:00 PM	1.39	0.72	0.026	0.00
4:05 PM	1.40	0.51	0.019	
4:10 PM	0.87	0.89	0.017	
4:15 PM	1.48	0.60	0.024	0.00
4:20 PM	1.19	0.71	0.021	
4:25 PM	1.89	0.79	0.046	
4:30 PM	0.81	0.98	0.016	0.00
4:35 PM	1.51	0.81	0.034	
4:40 PM	1.29	0.66	0.022	
4:45 PM	1.43	0.72	0.028	0.00
4:50 PM	1.31	0.63	0.021	
4:55 PM	1.32	0.82	0.028	
5:00 PM	1.24	0.66	0.021	0.00
5:05 PM	1.34	0.60	0.021	
5:10 PM	1.32	0.46	0.016	
5:15 PM	1.34	0.90	0.031	0.00
5:20 PM	1.91	0.87	0.051	
5:25 PM	1.21	0.99	0.030	
5:30 PM	1.45	0.61	0.024	0.00
5:35 PM	1.58	0.78	0.035	
5:40 PM	1.52	0.88	0.037	
5:45 PM	1.33	0.71	0.025	0.00
5:50 PM	1.83	0.83	0.046	
5:55 PM	1.50	0.94	0.039	

6:00 PM	1.20	0.51	0.015	0.00
6:05 PM	1.56	0.87	0.038	
6:10 PM	1.54	1.03	0.044	
6:15 PM	1.63	0.70	0.032	0.00
6:20 PM	1.48	0.73	0.029	
6:25 PM	1.16	0.62	0.017	
6:30 PM	1.72	0.88	0.044	0.00
6:35 PM	1.70	1.01	0.050	
6:40 PM	1.49	0.65	0.027	
6:45 PM	1.63	0.96	0.045	0.00
6:50 PM	1.86	0.76	0.043	
6:55 PM	1.12	0.82	0.022	
7:00 PM	1.65	0.90	0.042	0.00
7:05 PM	1.64	0.92	0.043	
7:10 PM	1.86	0.72	0.040	
7:15 PM	1.59	0.77	0.035	0.00
7:20 PM	1.43	1.03	0.039	
7:25 PM	1.59	0.84	0.038	
7:30 PM	1.38	0.87	0.032	0.00
7:35 PM	1.60	0.93	0.042	
7:40 PM	1.46	0.66	0.026	
7:45 PM	1.51	0.87	0.036	0.00
7:50 PM	1.74	0.79	0.040	
7:55 PM	1.30	0.85	0.028	
8:00 PM	1.90	1.04	0.061	0.00
8:05 PM	1.36	0.91	0.032	
8:10 PM	1.51	0.61	0.025	
8:15 PM	2.05	0.99	0.065	0.00
8:20 PM	1.84	0.92	0.051	
8:25 PM	1.86	1.11	0.063	
8:30 PM	1.57	0.65	0.029	0.00
8:35 PM	1.93	1.19	0.071	
8:40 PM	1.59	0.86	0.039	
8:45 PM	1.76	0.73	0.038	0.00
8:50 PM	1.34	0.86	0.030	
8:55 PM	1.94	1.02	0.061	
9:00 PM	1.43	0.74	0.028	0.00
9:05 PM	1.75	0.60	0.031	
9:10 PM	1.70	1.08	0.054	
9:15 PM	1.83	0.99	0.055	0.00
9:20 PM	2.26	1.03	0.077	
9:25 PM	2.01	1.34	0.085	
9:30 PM	2.28	0.99	0.075	0.00
9:35 PM	1.64	1.07	0.050	
9:40 PM	2.35	0.90	0.071	
9:45 PM	1.65	1.00	0.048	0.00
9:50 PM	1.97	1.03	0.063	
9:55 PM	1.87	0.81	0.046	
10:00 PM	1.43	0.61	0.024	0.00
10:05 PM	1.66	1.11	0.053	
10:10 PM	1.74	0.81	0.042	

	10:15 PM	1.72	0.61	0.031	0.00
	10:20 PM	1.99	0.91	0.057	
	10:25 PM	1.30	0.66	0.022	
	10:30 PM	1.37	1.16	0.042	0.00
	10:35 PM	1.87	0.59	0.033	
	10:40 PM	1.35	0.69	0.024	
	10:45 PM	1.75	1.11	0.057	0.00
	10:50 PM	2.03	0.63	0.040	
	10:55 PM	1.57	1.07	0.048	
	11:00 PM	1.81	0.97	0.053	0.00
	11:05 PM	1.50	0.70	0.029	
	11:10 PM	1.82	0.88	0.048	
	11:15 PM	1.63	0.81	0.038	0.00
	11:20 PM	1.87	1.00	0.057	
	11:25 PM	1.41	0.89	0.033	
	11:30 PM	1.34	0.47	0.017	0.00
	11:35 PM	1.67	0.97	0.047	
	11:40 PM	1.42	0.84	0.032	
	11:45 PM	1.86	0.56	0.032	0.00
	11:50 PM	1.27	0.69	0.022	
	11:55 PM	1.41	1.00	0.038	
6/1/2023	12:00 AM	1.46	0.67	0.027	0.00
	12:05 AM	1.48	0.89	0.036	
	12:10 AM	1.50	1.27	0.053	
	12:15 AM	1.53	0.75	0.032	0.00
	12:20 AM	1.48	0.93	0.038	
	12:25 AM	1.41	0.73	0.028	
	12:30 AM	1.40	0.64	0.024	0.00
	12:35 AM	1.39	1.08	0.040	
	12:40 AM	1.33	0.87	0.030	
	12:45 AM	1.30	0.61	0.021	0.00
	12:50 AM	1.31	0.45	0.015	
	12:55 AM	1.29	1.06	0.035	
	1:00 AM	1.23	0.59	0.018	0.00
	1:05 AM	1.21	0.69	0.021	
	1:10 AM	1.27	0.64	0.021	
	1:15 AM	1.31	0.75	0.025	0.00
	1:20 AM	1.30	0.97	0.032	
	1:25 AM	1.25	0.61	0.019	
	1:30 AM	1.23	0.56	0.017	0.00
	1:35 AM	1.24	1.06	0.033	
	1:40 AM	1.21	0.74	0.022	
	1:45 AM	1.20	0.91	0.027	0.00
	1:50 AM	1.16	0.52	0.015	
	1:55 AM	1.18	0.70	0.020	
	2:00 AM	1.20	0.68	0.020	0.00
	2:05 AM	1.19	0.53	0.016	
	2:10 AM	1.17	0.56	0.016	
	2:15 AM	1.16	1.14	0.032	0.00
	2:20 AM	1.18	0.83	0.024	
	2:25 AM	1.20	0.64	0.019	

2:30 AM	1.22	0.57	0.017	0.00
2:35 AM	1.22	0.84	0.026	
2:40 AM	1.19	0.81	0.024	
2:45 AM	1.17	0.72	0.021	0.00
2:50 AM	1.20	0.48	0.014	
2:55 AM	1.24	1.05	0.033	
3:00 AM	1.24	0.52	0.016	0.00
3:05 AM	1.20	0.92	0.027	
3:10 AM	1.16	0.70	0.020	
3:15 AM	1.15	0.58	0.016	0.00
3:20 AM	1.13	0.34	0.009	
3:25 AM	1.13	0.88	0.024	
3:30 AM	1.14	0.55	0.015	0.00
3:35 AM	1.15	0.58	0.016	
3:40 AM	1.16	0.79	0.022	
3:45 AM	1.18	0.81	0.024	0.00
3:50 AM	1.20	0.78	0.023	
3:55 AM	1.18	0.83	0.024	
4:00 AM	1.18	0.58	0.017	0.00
4:05 AM	1.19	0.85	0.025	
4:10 AM	1.21	0.95	0.029	
4:15 AM	1.18	0.49	0.014	0.00
4:20 AM	1.18	0.88	0.026	
4:25 AM	1.18	0.74	0.021	
4:30 AM	1.23	0.91	0.028	0.00
4:35 AM	1.31	0.86	0.029	
4:40 AM	1.28	1.02	0.033	
4:45 AM	1.24	0.64	0.020	0.00
4:50 AM	1.27	0.94	0.030	
4:55 AM	1.25	0.95	0.030	
5:00 AM	1.33	0.70	0.024	0.00
5:05 AM	1.33	0.71	0.024	
5:10 AM	1.31	0.71	0.024	
5:15 AM	1.28	0.96	0.031	0.00
5:20 AM	1.36	1.05	0.037	
5:25 AM	1.53	0.88	0.037	
5:30 AM	1.56	1.15	0.050	0.00
5:35 AM	1.62	1.07	0.049	
5:40 AM	1.67	0.82	0.040	
5:45 AM	1.72	0.95	0.048	0.00
5:50 AM	1.81	1.00	0.054	
5:55 AM	1.78	1.47	0.078	
6:00 AM	1.90	0.80	0.047	0.00
6:05 AM	1.95	1.07	0.065	
6:10 AM	1.97	1.14	0.070	
6:15 AM	2.03	1.33	0.085	0.00
6:20 AM	2.09	1.22	0.082	
6:25 AM	2.18	1.08	0.077	
6:30 AM	2.14	1.17	0.081	0.00
6:35 AM	2.12	1.45	0.100	
6:40 AM	2.06	1.21	0.080	

6:45 AM	1.96	0.74	0.045	0.00
6:50 AM	1.96	1.23	0.075	
6:55 AM	2.17	1.27	0.090	
7:00 AM	2.33	1.16	0.091	0.00
7:05 AM	2.28	1.44	0.109	
7:10 AM	2.20	0.92	0.066	
7:15 AM	2.23	1.34	0.099	0.00
7:20 AM	2.27	1.11	0.084	
7:25 AM	2.24	1.06	0.079	
7:30 AM	2.10	0.95	0.064	0.00
7:35 AM	2.16	1.56	0.110	
7:40 AM	2.10	0.88	0.059	
7:45 AM	1.99	0.95	0.060	0.00
7:50 AM	1.98	0.99	0.061	
7:55 AM	1.87	1.22	0.069	
8:00 AM	1.84	0.90	0.050	0.00
8:05 AM	1.87	0.92	0.052	
8:10 AM	2.02	1.02	0.065	
8:15 AM	2.11	1.32	0.090	0.00
8:20 AM	2.04	1.35	0.087	
8:25 AM	1.91	1.14	0.067	
8:30 AM	1.83	0.88	0.048	0.00
8:35 AM	1.94	1.20	0.072	
8:40 AM	1.94	0.88	0.053	
8:45 AM	2.02	0.87	0.056	0.00
8:50 AM	2.12	1.50	0.102	
8:55 AM	2.07	1.20	0.079	
9:00 AM	2.00	0.85	0.053	0.00
9:05 AM	2.09	1.24	0.083	
9:10 AM	2.09	1.30	0.087	
9:15 AM	2.01	0.91	0.058	0.00
9:20 AM	1.88	0.80	0.046	
9:25 AM	1.78	1.07	0.057	
9:30 AM	1.89	0.81	0.047	0.00
9:35 AM	1.89	1.06	0.061	
9:40 AM	1.83	1.21	0.067	
9:45 AM	1.83	1.24	0.068	0.00
9:50 AM	1.76	0.84	0.044	
9:55 AM	1.71	0.66	0.033	
10:00 AM	1.72	1.19	0.060	0.00
10:05 AM	1.67	0.74	0.036	
10:10 AM	1.74	0.86	0.044	
10:15 AM	1.80	1.13	0.061	0.00
10:20 AM	1.82	0.74	0.041	
10:25 AM	1.81	1.09	0.059	
10:30 AM	1.78	1.23	0.065	0.00
10:35 AM	1.79	0.59	0.031	
10:40 AM	1.73	1.23	0.063	
10:45 AM	1.64	1.09	0.051	0.00
10:50 AM	1.59	0.47	0.021	
10:55 AM	1.65	1.09	0.052	

11:00 AM	1.68	0.81	0.040	0.00
11:05 AM	1.61	0.83	0.038	
11:10 AM	1.73	1.15	0.059	
11:15 AM	1.60	0.71	0.032	0.00
11:20 AM	1.55	1.30	0.056	
11:25 AM	1.49	0.58	0.024	
11:30 AM	1.58	0.87	0.039	0.00
11:35 AM	1.67	1.09	0.053	
11:40 AM	1.67	0.77	0.037	
11:45 AM	1.75	1.10	0.057	0.00
11:50 AM	1.81	1.21	0.066	
11:55 AM	1.68	0.82	0.040	
12:00 PM	1.62	0.91	0.042	0.00
12:05 PM	1.86	0.86	0.049	
12:10 PM	1.85	1.38	0.078	
12:15 PM	1.70	0.87	0.043	0.00
12:20 PM	1.69	0.79	0.039	
12:25 PM	1.76	1.28	0.067	
12:30 PM	1.68	0.85	0.041	0.00
12:35 PM	1.79	1.06	0.057	
12:40 PM	1.87	0.88	0.050	
12:45 PM	1.99	1.16	0.072	0.00
12:50 PM	1.88	1.13	0.065	
12:55 PM	1.75	1.14	0.059	
1:00 PM	1.70	1.14	0.057	0.00
1:05 PM	1.65	0.68	0.032	
1:10 PM	1.69	0.95	0.047	
1:15 PM	1.82	1.04	0.057	0.00
1:20 PM	1.77	1.08	0.057	
1:25 PM	1.69	1.04	0.051	
1:30 PM	1.62	0.66	0.031	0.00
1:35 PM	1.58	1.27	0.057	
1:40 PM	1.70	0.80	0.040	
1:45 PM	1.68	0.81	0.039	0.00
1:50 PM	1.68	0.85	0.042	
1:55 PM	1.62	0.97	0.045	
2:00 PM	1.65	1.07	0.051	0.00
2:05 PM	1.58	1.18	0.053	
2:10 PM	1.60	0.89	0.041	
2:15 PM	1.59	0.94	0.042	0.00
2:20 PM	1.72	0.91	0.046	
2:25 PM	1.66	0.86	0.041	
2:30 PM	1.60	0.87	0.039	0.00
2:35 PM	1.67	1.10	0.053	
2:40 PM	1.61	0.91	0.042	
2:45 PM	1.49	0.79	0.032	0.00
2:50 PM	1.53	0.86	0.037	
2:55 PM	1.64	0.86	0.040	
3:00 PM	1.61	0.92	0.042	0.00
3:05 PM	1.59	1.06	0.048	
3:10 PM	1.73	1.18	0.060	

3:15 PM	1.68	0.87	0.042	0.00
3:20 PM	1.56	1.00	0.044	
3:25 PM	1.50	0.61	0.025	
3:30 PM	1.61	1.09	0.050	0.00
3:35 PM	1.77	0.89	0.047	
3:40 PM	1.76	0.99	0.052	
3:45 PM	1.75	1.32	0.068	0.00
3:50 PM	1.75	0.64	0.033	
3:55 PM	1.78	1.46	0.077	
4:00 PM	1.64	0.76	0.036	0.00
4:05 PM	1.61	1.08	0.050	
4:10 PM	1.61	0.74	0.034	
4:15 PM	1.69	0.82	0.040	0.00
4:20 PM	1.65	1.03	0.049	
4:25 PM	1.65	0.85	0.040	
4:30 PM	1.73	1.21	0.062	0.00
4:35 PM	1.81	0.83	0.045	
4:40 PM	1.83	1.34	0.074	
4:45 PM	1.89	0.90	0.052	0.00
4:50 PM	1.86	1.05	0.059	
4:55 PM	1.82	1.37	0.075	
5:00 PM	1.90	0.77	0.045	0.00
5:05 PM	1.86	1.41	0.080	
5:10 PM	1.92	0.76	0.045	
5:15 PM	1.89	1.19	0.069	0.00
5:20 PM	1.87	1.37	0.078	
5:25 PM	1.88	0.89	0.051	
5:30 PM	1.95	1.04	0.063	0.00
5:35 PM	1.89	1.31	0.076	
5:40 PM	1.87	0.71	0.040	
5:45 PM	1.90	1.31	0.077	0.00
5:50 PM	1.93	1.00	0.060	
5:55 PM	1.97	1.34	0.082	
6:00 PM	2.02	1.32	0.084	0.00
6:05 PM	1.97	0.70	0.043	
6:10 PM	1.91	1.03	0.061	
6:15 PM	1.98	0.96	0.060	0.00
6:20 PM	2.00	1.22	0.077	
6:25 PM	1.90	1.14	0.066	
6:30 PM	1.90	1.15	0.067	0.00
6:35 PM	1.95	0.95	0.057	
6:40 PM	2.01	1.28	0.081	
6:45 PM	1.99	0.96	0.060	0.00
6:50 PM	1.98	1.31	0.081	
6:55 PM	2.08	1.12	0.074	
7:00 PM	2.10	0.96	0.065	0.00
7:05 PM	2.23	1.24	0.092	
7:10 PM	2.24	1.26	0.093	
7:15 PM	2.25	1.51	0.113	0.00
7:20 PM	2.25	1.09	0.082	
7:25 PM	2.19	1.43	0.102	

7:30 PM	2.10	0.93	0.063	0.00
7:35 PM	2.07	1.04	0.069	
7:40 PM	2.14	1.44	0.100	
7:45 PM	2.19	1.15	0.083	0.00
7:50 PM	2.22	1.18	0.086	
7:55 PM	2.26	1.29	0.097	
8:00 PM	2.23	1.21	0.089	0.00
8:05 PM	2.20	1.14	0.083	
8:10 PM	2.22	1.12	0.082	
8:15 PM	2.17	1.34	0.095	0.00
8:20 PM	2.02	0.91	0.058	
8:25 PM	1.99	1.33	0.083	
8:30 PM	2.03	0.97	0.062	0.00
8:35 PM	1.99	1.00	0.062	
8:40 PM	2.03	1.01	0.065	
8:45 PM	2.13	1.34	0.092	0.00
8:50 PM	2.12	1.17	0.080	
8:55 PM	2.10	1.14	0.077	
9:00 PM	2.06	1.18	0.077	0.00
9:05 PM	2.08	0.99	0.066	
9:10 PM	2.12	1.15	0.079	
9:15 PM	2.24	1.13	0.084	0.00
9:20 PM	2.22	1.29	0.094	
9:25 PM	2.12	1.13	0.077	
9:30 PM	2.06	0.90	0.059	0.00
9:35 PM	2.02	1.33	0.085	
9:40 PM	2.02	1.03	0.065	
9:45 PM	1.99	1.43	0.089	0.00
9:50 PM	1.97	0.68	0.042	
9:55 PM	1.87	1.20	0.068	
10:00 PM	1.89	0.88	0.051	0.00
10:05 PM	1.89	1.08	0.063	
10:10 PM	1.91	1.40	0.082	
10:15 PM	1.88	0.83	0.048	0.00
10:20 PM	1.92	1.23	0.073	
10:25 PM	1.99	1.08	0.067	
10:30 PM	1.95	1.20	0.073	0.00
10:35 PM	1.84	0.88	0.049	
10:40 PM	1.77	1.19	0.063	
10:45 PM	1.73	0.87	0.044	0.00
10:50 PM	1.68	0.79	0.038	
10:55 PM	1.63	1.10	0.051	
11:00 PM	1.58	0.88	0.039	0.00
11:05 PM	1.61	0.84	0.038	
11:10 PM	1.57	0.89	0.039	
11:15 PM	1.53	0.77	0.033	0.00
11:20 PM	1.53	0.79	0.034	
11:25 PM	1.43	0.98	0.038	
11:30 PM	1.36	0.70	0.025	0.00
11:35 PM	1.33	0.60	0.021	
11:40 PM	1.31	0.85	0.029	

	11:45 PM	1.30	0.48	0.016	0.00
	11:50 PM	1.31	0.70	0.024	
	11:55 PM	1.31	1.20	0.041	
6/2/2023	12:00 AM	1.33	4.18	0.144	0.00
	12:05 AM	1.35	0.84	0.030	
	12:10 AM	1.33	1.03	0.036	
	12:15 AM	1.25	0.54	0.017	0.00
	12:20 AM	1.23	0.94	0.029	
	12:25 AM	1.24	0.87	0.027	
	12:30 AM	1.23	0.72	0.022	0.00
	12:35 AM	1.21	0.82	0.025	
	12:40 AM	1.20	0.61	0.018	
	12:45 AM	1.18	0.70	0.020	0.00
	12:50 AM	1.17	0.95	0.027	
	12:55 AM	1.15	0.76	0.021	
	1:00 AM	1.13	0.84	0.023	0.00
	1:05 AM	1.15	0.69	0.019	
	1:10 AM	1.12	0.74	0.020	
	1:15 AM	1.09	0.62	0.016	0.00
	1:20 AM	1.10	0.78	0.020	
	1:25 AM	1.15	0.74	0.021	
	1:30 AM	1.18	0.38	0.011	0.00
	1:35 AM	1.14	0.67	0.019	
	1:40 AM	1.10	0.77	0.020	
	1:45 AM	1.12	0.68	0.018	0.00
	1:50 AM	1.11	1.05	0.028	
	1:55 AM	1.08	0.91	0.023	
	2:00 AM	1.09	0.48	0.012	0.00
	2:05 AM	1.09	0.60	0.015	
	2:10 AM	1.07	0.52	0.013	
	2:15 AM	1.03	0.76	0.018	0.00
	2:20 AM	1.09	0.52	0.013	
	2:25 AM	1.07	0.94	0.023	
	2:30 AM	1.05	0.49	0.012	0.00
	2:35 AM	1.02	0.62	0.014	
	2:40 AM	1.00	0.66	0.015	
	2:45 AM	1.01	0.60	0.014	0.00
	2:50 AM	1.00	0.31	0.007	
	2:55 AM	0.99	5.41	0.121	
	3:00 AM	1.02	0.63	0.015	0.00
	3:05 AM	1.02	0.58	0.014	
	3:10 AM	1.06	0.58	0.014	
	3:15 AM	1.09	0.68	0.018	0.00
	3:20 AM	1.05	0.63	0.015	
	3:25 AM	1.03	0.58	0.014	
	3:30 AM	1.01	0.58	0.013	0.00
	3:35 AM	1.01	0.62	0.014	
	3:40 AM	1.03	0.54	0.013	
	3:45 AM	1.02	0.61	0.014	0.00
	3:50 AM	1.01	0.58	0.013	
	3:55 AM	1.01	0.59	0.014	

4:00 AM	1.06	0.58	0.014	0.00
4:05 AM	1.12	0.78	0.021	
4:10 AM	1.13	0.71	0.019	
4:15 AM	1.15	0.74	0.021	0.00
4:20 AM	1.09	0.63	0.016	
4:25 AM	1.06	0.70	0.017	
4:30 AM	1.06	0.65	0.016	0.00
4:35 AM	1.08	0.69	0.018	
4:40 AM	1.07	0.69	0.017	
4:45 AM	1.10	0.73	0.019	0.00
4:50 AM	1.13	0.77	0.021	
4:55 AM	1.12	0.75	0.020	
5:00 AM	1.15	0.76	0.021	0.00
5:05 AM	1.17	0.80	0.023	
5:10 AM	1.26	0.82	0.026	
5:15 AM	1.29	0.85	0.028	0.00
5:20 AM	1.32	2.45	0.084	
5:25 AM	1.48	0.83	0.034	
5:30 AM	1.46	1.18	0.047	0.00
5:35 AM	1.39	0.71	0.026	
5:40 AM	0.57	0.44	0.004	
5:45 AM	0.77	0.80	0.012	0.00
5:50 AM	0.71	1.20	0.016	
5:55 AM	1.70	1.66	0.082	
6:00 AM	1.55	1.70	0.073	0.00
6:05 AM	0.65	0.86	0.010	
6:10 AM	0.96	1.32	0.028	
6:15 AM	1.91	2.12	0.125	0.00
6:20 AM	0.53	1.09	0.010	
6:25 AM	1.92	2.26	0.134	
6:30 AM	2.05	2.09	0.136	0.00
6:35 AM	1.80	1.95	0.105	
6:40 AM	2.54	2.60	0.231	
6:45 AM	2.35	2.37	0.188	0.00
6:50 AM	1.79	1.76	0.094	
6:55 AM	1.72	1.76	0.089	
7:00 AM	1.77	1.80	0.094	0.00
7:05 AM	1.55	1.61	0.070	
7:10 AM	2.50	4.95	0.431	
7:15 AM	2.80	4.94	0.504	0.00
7:20 AM	2.28	4.48	0.341	
7:25 AM	2.32	4.51	0.352	
7:30 AM	2.67	4.85	0.462	0.00
7:35 AM	2.41	4.77	0.393	
7:40 AM	2.44	4.64	0.389	
7:45 AM	2.21	4.42	0.322	0.00
7:50 AM	2.29	4.23	0.323	
7:55 AM	2.04	2.25	0.145	
8:00 AM	1.96	1.03	0.063	0.00
8:05 AM	1.87	0.50	0.029	
8:10 AM	1.75	1.47	0.076	

8:15 AM	1.75	0.96	0.050	0.00
8:20 AM	1.78	1.25	0.066	
8:25 AM	1.80	1.18	0.064	
8:30 AM	1.91	0.59	0.035	0.00
8:35 AM	1.88	1.09	0.063	
8:40 AM	1.80	1.35	0.073	
8:45 AM	1.74	0.46	0.023	0.00
8:50 AM	1.79	1.09	0.058	
8:55 AM	1.90	1.16	0.068	
9:00 AM	1.93	1.14	0.068	0.00
9:05 AM	1.89	1.10	0.064	
9:10 AM	1.79	0.99	0.053	
9:15 AM	1.77	1.12	0.059	0.00
9:20 AM	1.70	1.07	0.053	
9:25 AM	1.71	1.13	0.057	
9:30 AM	1.80	0.59	0.032	0.00
9:35 AM	1.82	1.41	0.077	
9:40 AM	1.90	0.94	0.055	
9:45 AM	1.87	0.81	0.046	0.00
9:50 AM	1.77	0.93	0.049	
9:55 AM	1.79	1.40	0.075	
10:00 AM	1.85	1.17	0.065	0.00
10:05 AM	1.87	0.76	0.043	
10:10 AM	1.82	0.67	0.037	
10:15 AM	1.77	1.16	0.061	0.00
10:20 AM	1.80	1.32	0.071	
10:25 AM	1.66	0.55	0.026	
10:30 AM	1.56	1.56	0.068	0.00
10:35 AM	1.70	0.26	0.013	
10:40 AM	1.77	1.48	0.078	
10:45 AM	1.74	0.86	0.044	0.00
10:50 AM	1.77	0.98	0.052	
10:55 AM	1.81	1.03	0.056	
11:00 AM	1.87	0.88	0.050	0.00
11:05 AM	1.80	1.14	0.062	
11:10 AM	1.72	1.15	0.058	
11:15 AM	1.59	1.31	0.059	0.00
11:20 AM	1.56	0.68	0.030	
11:25 AM	1.60	1.13	0.051	
11:30 AM	1.53	0.43	0.018	0.00
11:35 AM	1.54	0.74	0.032	
11:40 AM	1.70	0.62	0.031	
11:45 AM	1.79	0.95	0.051	0.00
11:50 AM	1.69	1.10	0.054	
11:55 AM	1.74	1.59	0.081	
12:00 PM	1.74	1.16	0.059	0.00
12:05 PM	1.77	0.60	0.032	
12:10 PM	1.72	1.31	0.066	
12:15 PM	1.70	0.85	0.042	0.00
12:20 PM	1.62	0.28	0.013	
12:25 PM	1.66	1.15	0.055	

12:30 PM	1.60	1.22	0.055	0.00
12:35 PM	1.59	1.15	0.052	
12:40 PM	1.61	0.53	0.024	
12:45 PM	1.70	1.33	0.066	0.00
12:50 PM	1.75	1.19	0.061	
12:55 PM	1.91	1.10	0.065	
1:00 PM	1.72	1.14	0.058	0.00
1:05 PM	1.66	4.71	0.226	
1:10 PM	1.66	4.71	0.226	
1:15 PM	1.48	0.58	0.024	0.00
1:20 PM	1.50	0.70	0.029	
1:25 PM	1.84	0.91	0.051	
1:30 PM	1.52	0.56	0.024	0.00
1:35 PM	1.50	0.97	0.040	
1:40 PM	1.17	0.69	0.020	
1:45 PM	1.18	0.98	0.028	0.00
1:50 PM	1.23	0.56	0.017	
1:55 PM	1.30	0.60	0.020	
2:00 PM	1.99	0.63	0.039	0.00
2:05 PM	1.65	0.48	0.023	
2:10 PM	1.64	0.70	0.033	
2:15 PM	1.73	0.75	0.038	0.00
2:20 PM	1.91	1.21	0.071	
2:25 PM	1.92	0.58	0.034	
2:30 PM	1.52	0.87	0.036	0.00
2:35 PM	1.51	0.84	0.035	
2:40 PM	1.51	0.69	0.029	
2:45 PM	1.49	0.50	0.020	0.00
2:50 PM	1.56	1.40	0.061	
2:55 PM	1.40	0.68	0.025	
3:00 PM	1.87	0.49	0.028	0.00
3:05 PM	1.30	0.35	0.012	
3:10 PM	1.20	0.53	0.016	
3:15 PM	1.31	1.08	0.037	0.00
3:20 PM	1.35	0.38	0.013	
3:25 PM	1.77	0.51	0.027	
3:30 PM	1.79	0.82	0.044	0.00
3:35 PM	1.53	0.55	0.023	
3:40 PM	1.78	0.88	0.047	
3:45 PM	1.79	0.41	0.022	0.00
3:50 PM	1.69	0.54	0.026	
3:55 PM	1.58	0.56	0.025	
4:00 PM	1.90	1.48	0.086	0.00
4:05 PM	1.83	0.63	0.035	
4:10 PM	2.05	1.31	0.085	
4:15 PM	1.44	0.52	0.020	0.00
4:20 PM	1.28	0.72	0.023	
4:25 PM	1.30	0.72	0.024	
4:30 PM	1.32	0.56	0.019	0.00
4:35 PM	1.89	0.55	0.032	
4:40 PM	1.62	0.76	0.035	

4:45 PM	1.42	0.51	0.019	0.00
4:50 PM	1.41	0.29	0.011	
4:55 PM	1.53	0.72	0.031	
5:00 PM	1.87	0.91	0.052	0.00
5:05 PM	1.66	0.60	0.029	
5:10 PM	1.75	0.62	0.032	
5:15 PM	1.47	0.89	0.036	0.00
5:20 PM	1.62	0.55	0.025	
5:25 PM	1.47	1.03	0.041	
5:30 PM	1.45	0.44	0.017	0.00
5:35 PM	1.68	1.14	0.056	
5:40 PM	1.69	1.40	0.068	
5:45 PM	1.92	0.87	0.052	0.00
5:50 PM	1.70	0.80	0.040	
5:55 PM	1.37	0.41	0.015	
6:00 PM	1.21	0.46	0.014	0.00
6:05 PM	1.25	0.72	0.023	
6:10 PM	1.40	1.39	0.052	
6:15 PM	1.32	1.25	0.043	0.00
6:20 PM	1.77	0.86	0.045	
6:25 PM	1.83	0.74	0.041	
6:30 PM	1.82	0.47	0.026	0.00
6:35 PM	1.81	0.63	0.034	
6:40 PM	1.69	0.48	0.024	
6:45 PM	1.81	1.48	0.080	0.00
6:50 PM	1.93	0.35	0.021	
6:55 PM	1.88	0.55	0.031	
7:00 PM	1.99	0.38	0.024	0.00
7:05 PM	1.94	0.62	0.037	
7:10 PM	1.72	0.41	0.020	
7:15 PM	1.48	0.66	0.027	0.00
7:20 PM	1.76	0.87	0.045	
7:25 PM	2.09	1.53	0.102	
7:30 PM	1.90	0.93	0.054	0.00
7:35 PM	1.89	1.02	0.059	
7:40 PM	1.90	0.51	0.030	
7:45 PM	1.92	0.37	0.022	0.00
7:50 PM	1.76	0.59	0.031	
7:55 PM	1.61	1.52	0.069	
8:00 PM	1.36	0.57	0.020	0.00
8:05 PM	1.40	0.65	0.024	
8:10 PM	1.44	0.62	0.024	
8:15 PM	1.40	0.41	0.015	0.00
8:20 PM	2.03	0.70	0.045	
8:25 PM	1.81	0.00	0.000	
8:30 PM	1.52	1.38	0.058	0.00
8:35 PM	1.44	0.68	0.026	
8:40 PM	1.96	1.74	0.106	
8:45 PM	1.71	1.50	0.075	0.00
8:50 PM	1.76	1.43	0.075	
8:55 PM	1.52	1.43	0.060	

	9:00 PM	1.21	0.74	0.022	0.00
	9:05 PM	1.72	1.36	0.069	
	9:10 PM	2.13	0.55	0.038	
	9:15 PM	1.84	1.01	0.056	0.00
	9:20 PM	1.73	1.32	0.067	
	9:25 PM	2.11	0.24	0.016	
	9:30 PM	1.73	1.60	0.081	0.00
	9:35 PM	1.78	1.30	0.069	
	9:40 PM	1.67	1.52	0.073	
	9:45 PM	1.69	1.44	0.070	0.00
	9:50 PM	1.63	1.58	0.073	
	9:55 PM	1.27	0.64	0.021	
	10:00 PM	1.78	1.51	0.080	0.00
	10:05 PM	2.04	1.35	0.087	
	10:10 PM	1.77	1.33	0.070	
	10:15 PM	1.61	1.30	0.060	0.00
	10:20 PM	1.45	0.37	0.014	
	10:25 PM	2.24	1.00	0.074	
	10:30 PM	1.94	0.97	0.058	0.00
	10:35 PM	1.88	0.66	0.038	
	10:40 PM	2.25	1.51	0.113	
	10:45 PM	1.68	0.57	0.028	0.00
	10:50 PM	1.41	0.61	0.023	
	10:55 PM	1.31	0.64	0.022	
	11:00 PM	1.54	0.41	0.018	0.00
	11:05 PM	1.27	0.54	0.017	
	11:10 PM	0.75	0.57	0.008	
	11:15 PM	0.58	0.39	0.004	0.00
	11:20 PM	0.45	0.20	0.001	
	11:25 PM	0.89	1.45	0.028	
	11:30 PM	1.36	0.46	0.017	0.00
	11:35 PM	1.00	0.56	0.013	
	11:40 PM	1.29	1.48	0.049	
	11:45 PM	1.35	1.16	0.041	0.00
	11:50 PM	1.65	0.44	0.021	
	11:55 PM	1.26	0.28	0.009	
6/3/2023	12:00 AM	0.46	0.30	0.002	0.00
	12:05 AM	0.72	0.64	0.009	
	12:10 AM	0.16	0.20	0.000	
	12:15 AM	0.00	0.27	0.000	0.00
	12:20 AM	0.50	1.41	0.011	
	12:25 AM	0.67	0.23	0.003	
	12:30 AM	0.61	0.15	0.002	0.00
	12:35 AM	0.66	0.43	0.005	
	12:40 AM	0.57	0.30	0.003	
	12:45 AM	0.56	0.36	0.003	0.00
	12:50 AM	0.61	0.21	0.002	
	12:55 AM	0.66	0.30	0.004	
	1:00 AM	0.67	0.30	0.004	0.00
	1:05 AM	0.66	0.22	0.003	
	1:10 AM	0.66	0.25	0.003	

1:15 AM	0.67	0.27	0.003	0.00
1:20 AM	1.33	0.81	0.028	
1:25 AM	1.10	0.33	0.008	
1:30 AM	0.87	0.19	0.004	0.00
1:35 AM	0.61	0.15	0.002	
1:40 AM	0.57	0.30	0.003	
1:45 AM	0.61	0.35	0.004	0.00
1:50 AM	0.68	0.28	0.004	
1:55 AM	0.77	0.21	0.003	
2:00 AM	0.81	0.28	0.005	0.00
2:05 AM	0.91	0.31	0.006	
2:10 AM	1.05	0.59	0.014	
2:15 AM	1.07	0.41	0.010	0.00
2:20 AM	1.71	0.61	0.031	
2:25 AM	1.57	0.39	0.017	
2:30 AM	1.47	0.29	0.012	0.00
2:35 AM	1.44	0.30	0.012	
2:40 AM	1.26	0.41	0.013	
2:45 AM	1.17	0.23	0.006	0.00
2:50 AM	1.07	0.31	0.008	
2:55 AM	1.04	0.23	0.006	
3:00 AM	1.10	0.14	0.004	0.00
3:05 AM	1.14	0.27	0.007	
3:10 AM	1.12	0.23	0.006	
3:15 AM	1.47	1.50	0.060	0.00
3:20 AM	1.44	0.36	0.014	
3:25 AM	1.21	0.24	0.007	
3:30 AM	1.02	0.20	0.005	0.00
3:35 AM	0.97	0.35	0.008	
3:40 AM	0.95	0.25	0.005	
3:45 AM	0.91	0.26	0.005	0.00
3:50 AM	0.96	0.36	0.008	
3:55 AM	1.02	0.26	0.006	
4:00 AM	1.10	0.36	0.009	0.00
4:05 AM	1.18	0.12	0.004	
4:10 AM	1.24	0.30	0.009	
4:15 AM	2.07	1.39	0.092	0.00
4:20 AM	1.40	0.40	0.015	
4:25 AM	1.34	0.28	0.010	
4:30 AM	1.29	0.27	0.009	0.00
4:35 AM	1.24	0.27	0.008	
4:40 AM	1.29	0.41	0.014	
4:45 AM	1.34	0.42	0.015	0.00
4:50 AM	1.34	0.32	0.011	
4:55 AM	1.35	0.34	0.012	
5:00 AM	1.39	0.32	0.012	0.00
5:05 AM	1.39	0.39	0.014	
5:10 AM	1.28	0.19	0.006	
5:15 AM	1.73	0.61	0.031	0.00
5:20 AM	1.62	0.55	0.026	
5:25 AM	0.75	0.30	0.004	

5:30 AM	0.64	0.25	0.003	0.00
5:35 AM	0.68	0.21	0.003	
5:40 AM	0.65	0.24	0.003	
5:45 AM	0.71	0.10	0.001	0.00
5:50 AM	0.84	0.24	0.004	
5:55 AM	0.90	0.31	0.006	
6:00 AM	1.07	0.20	0.005	0.00
6:05 AM	1.22	0.27	0.008	
6:10 AM	1.51	1.41	0.059	
6:15 AM	1.15	0.26	0.007	0.00
6:20 AM	1.19	0.23	0.007	
6:25 AM	1.04	0.25	0.006	
6:30 AM	1.03	0.27	0.006	0.00
6:35 AM	1.05	0.31	0.007	
6:40 AM	1.03	0.32	0.008	
6:45 AM	1.15	0.53	0.015	0.00
6:50 AM	1.20	0.38	0.011	
6:55 AM	1.31	0.67	0.023	
7:00 AM	1.31	0.48	0.016	0.00
7:05 AM	1.32	0.17	0.006	
7:10 AM	1.38	0.27	0.010	
7:15 AM	1.64	0.78	0.037	0.00
7:20 AM	1.61	0.45	0.020	
7:25 AM	1.34	0.41	0.014	
7:30 AM	1.25	0.43	0.013	0.00
7:35 AM	1.22	0.40	0.012	
7:40 AM	1.29	0.43	0.014	
7:45 AM	1.32	0.38	0.013	0.00
7:50 AM	1.31	0.25	0.008	
7:55 AM	1.93	4.07	0.243	
8:00 AM	1.59	0.66	0.030	0.00
8:05 AM	1.09	0.39	0.010	
8:10 AM	1.07	0.55	0.014	
8:15 AM	1.42	0.37	0.014	0.00
8:20 AM	1.44	0.31	0.012	
8:25 AM	1.51	0.77	0.032	
8:30 AM	1.39	0.59	0.022	0.00
8:35 AM	1.45	0.42	0.017	
8:40 AM	1.56	0.53	0.023	
8:45 AM	1.65	0.67	0.032	0.00
8:50 AM	1.77	0.60	0.032	
8:55 AM	1.38	0.49	0.018	
9:00 AM	1.60	0.46	0.021	0.00
9:05 AM	1.76	0.54	0.028	
9:10 AM	1.57	0.22	0.010	
9:15 AM	1.85	0.45	0.025	0.00
9:20 AM	1.42	0.49	0.019	
9:25 AM	1.41	0.72	0.027	
9:30 AM	1.36	0.47	0.017	0.00
9:35 AM	1.32	0.38	0.013	
9:40 AM	1.30	0.39	0.013	

9:45 AM	1.36	0.71	0.026	0.00
9:50 AM	1.29	0.42	0.014	
9:55 AM	1.78	1.59	0.084	
10:00 AM	1.87	0.86	0.049	0.00
10:05 AM	1.57	1.51	0.067	
10:10 AM	1.42	0.91	0.034	
10:15 AM	1.34	0.76	0.027	0.00
10:20 AM	1.34	0.65	0.023	
10:25 AM	1.35	0.53	0.019	
10:30 AM	1.49	0.80	0.033	0.00
10:35 AM	1.72	0.41	0.021	
10:40 AM	1.54	0.47	0.020	
10:45 AM	1.58	0.97	0.043	0.00
10:50 AM	1.57	0.48	0.021	
10:55 AM	1.56	0.68	0.030	
11:00 AM	1.66	0.61	0.029	0.00
11:05 AM	1.91	1.31	0.077	
11:10 AM	1.80	0.85	0.046	
11:15 AM	1.60	0.53	0.024	0.00
11:20 AM	1.31	0.72	0.024	
11:25 AM	1.26	0.71	0.023	
11:30 AM	1.22	0.45	0.014	0.00
11:35 AM	1.24	0.65	0.020	
11:40 AM	1.53	1.40	0.059	
11:45 AM	1.90	0.60	0.035	0.00
11:50 AM	1.87	0.80	0.045	
11:55 AM	1.78	0.81	0.043	
12:00 PM	1.85	0.64	0.036	0.00
12:05 PM	1.61	0.80	0.037	
12:10 PM	1.68	0.47	0.023	
12:15 PM	1.64	0.83	0.039	0.00
12:20 PM	1.71	0.59	0.029	
12:25 PM	1.50	0.83	0.034	
12:30 PM	1.13	0.66	0.018	0.00
12:35 PM	1.18	0.51	0.015	
12:40 PM	1.59	1.52	0.068	
12:45 PM	1.80	0.43	0.023	0.00
12:50 PM	1.99	1.36	0.085	
12:55 PM	1.30	0.54	0.018	
1:00 PM	1.19	0.56	0.016	0.00
1:05 PM	1.16	0.38	0.011	
1:10 PM	1.12	0.50	0.013	
1:15 PM	1.45	1.57	0.062	0.00
1:20 PM	1.75	0.60	0.031	
1:25 PM	1.80	0.22	0.012	
1:30 PM	1.69	0.52	0.026	0.00
1:35 PM	1.88	0.75	0.043	
1:40 PM	1.88	0.51	0.029	
1:45 PM	1.92	0.60	0.036	0.00
1:50 PM	1.54	0.72	0.031	
1:55 PM	1.41	0.47	0.018	

2:00 PM	1.35	0.53	0.019	0.00
2:05 PM	1.16	0.65	0.018	
2:10 PM	1.37	0.77	0.028	
2:15 PM	1.28	0.54	0.018	0.00
2:20 PM	1.45	0.64	0.025	
2:25 PM	1.60	0.84	0.038	
2:30 PM	1.30	0.76	0.026	0.00
2:35 PM	1.32	0.56	0.019	
2:40 PM	1.41	0.69	0.026	
2:45 PM	1.41	0.80	0.030	0.00
2:50 PM	2.02	0.43	0.027	
2:55 PM	1.86	0.77	0.044	
3:00 PM	1.79	0.40	0.022	0.00
3:05 PM	1.78	0.63	0.033	
3:10 PM	1.72	0.44	0.022	
3:15 PM	1.64	0.75	0.035	0.00
3:20 PM	1.84	1.12	0.062	
3:25 PM	2.05	0.90	0.058	
3:30 PM	1.56	0.63	0.027	0.00
3:35 PM	1.23	0.58	0.018	
3:40 PM	1.29	0.58	0.019	
3:45 PM	1.43	0.68	0.026	0.00
3:50 PM	1.77	0.68	0.036	
3:55 PM	1.83	0.68	0.037	
4:00 PM	2.01	1.06	0.067	0.00
4:05 PM	2.35	1.75	0.139	
4:10 PM	1.61	0.51	0.023	
4:15 PM	1.52	0.53	0.022	0.00
4:20 PM	1.52	1.37	0.058	
4:25 PM	1.37	0.79	0.029	
4:30 PM	1.17	0.63	0.018	0.03
4:35 PM	1.10	0.60	0.016	
4:40 PM	1.57	0.97	0.043	
4:45 PM	1.72	1.57	0.079	0.00
4:50 PM	1.44	0.60	0.023	
4:55 PM	1.15	0.53	0.015	
5:00 PM	1.01	0.50	0.011	0.01
5:05 PM	1.00	0.41	0.009	
5:10 PM	1.54	0.61	0.026	
5:15 PM	1.54	0.71	0.030	0.00
5:20 PM	1.18	0.39	0.011	
5:25 PM	1.04	0.51	0.012	
5:30 PM	1.19	0.62	0.018	0.00
5:35 PM	1.43	0.43	0.017	
5:40 PM	1.71	0.52	0.026	
5:45 PM	1.94	0.66	0.040	0.00
5:50 PM	1.60	0.41	0.019	
5:55 PM	1.87	0.58	0.033	
6:00 PM	1.64	0.98	0.046	0.00
6:05 PM	1.54	0.62	0.027	
6:10 PM	1.53	0.75	0.032	

6:15 PM	1.71	0.44	0.022	0.00
6:20 PM	1.90	0.66	0.039	
6:25 PM	1.95	0.54	0.033	
6:30 PM	1.31	0.51	0.017	0.00
6:35 PM	1.21	0.33	0.010	
6:40 PM	1.18	0.57	0.016	
6:45 PM	1.19	0.51	0.015	0.00
6:50 PM	1.73	0.80	0.041	
6:55 PM	1.92	0.51	0.030	
7:00 PM	1.54	0.54	0.023	0.00
7:05 PM	1.64	0.66	0.031	
7:10 PM	1.75	0.59	0.031	
7:15 PM	2.31	1.49	0.115	0.00
7:20 PM	1.78	0.68	0.036	
7:25 PM	1.57	0.40	0.017	
7:30 PM	1.41	0.75	0.028	0.00
7:35 PM	1.16	0.67	0.019	
7:40 PM	0.90	0.54	0.010	
7:45 PM	1.11	0.43	0.011	0.00
7:50 PM	1.49	0.59	0.024	
7:55 PM	1.96	0.66	0.040	
8:00 PM	1.57	0.43	0.019	0.00
8:05 PM	1.50	1.59	0.066	
8:10 PM	1.49	1.57	0.064	
8:15 PM	1.60	1.48	0.067	0.00
8:20 PM	1.74	0.90	0.046	
8:25 PM	1.76	0.51	0.027	
8:30 PM	2.11	2.07	0.141	0.00
8:35 PM	1.77	1.03	0.054	
8:40 PM	1.27	0.65	0.021	
8:45 PM	1.45	1.07	0.042	0.00
8:50 PM	1.66	1.60	0.076	
8:55 PM	1.67	1.44	0.069	
9:00 PM	1.72	1.37	0.069	0.00
9:05 PM	1.70	1.36	0.067	
9:10 PM	2.03	1.28	0.082	
9:15 PM	1.86	1.13	0.064	0.00
9:20 PM	1.73	0.98	0.050	
9:25 PM	1.72	1.60	0.081	
9:30 PM	1.24	0.54	0.017	0.00
9:35 PM	1.09	0.68	0.018	
9:40 PM	1.41	1.56	0.059	
9:45 PM	1.46	0.36	0.014	0.00
9:50 PM	1.32	0.63	0.021	
9:55 PM	1.11	0.73	0.019	
10:00 PM	0.95	0.67	0.014	0.00
10:05 PM	1.50	1.47	0.061	
10:10 PM	1.82	1.60	0.087	
10:15 PM	1.19	0.49	0.014	0.00
10:20 PM	1.00	0.48	0.011	
10:25 PM	1.59	1.45	0.065	

	10:30 PM	1.76	0.88	0.046	0.00
	10:35 PM	1.39	0.47	0.017	
	10:40 PM	1.22	0.49	0.015	
	10:45 PM	1.90	0.69	0.040	0.00
	10:50 PM	1.57	0.48	0.021	
	10:55 PM	1.21	0.60	0.018	
	11:00 PM	1.09	0.52	0.013	0.00
	11:05 PM	0.98	0.46	0.010	
	11:10 PM	0.82	0.34	0.006	
	11:15 PM	1.29	0.44	0.015	0.00
	11:20 PM	0.86	0.27	0.005	
	11:25 PM	0.76	0.42	0.006	
	11:30 PM	0.81	0.49	0.008	0.00
	11:35 PM	0.92	0.73	0.015	
	11:40 PM	1.35	0.62	0.022	
	11:45 PM	1.61	1.20	0.055	0.00
	11:50 PM	1.36	0.53	0.019	
	11:55 PM	1.15	0.30	0.008	
6/4/2023	12:00 AM	1.11	0.38	0.010	0.00
	12:05 AM	1.21	0.20	0.006	
	12:10 AM	1.37	0.55	0.020	
	12:15 AM	1.43	0.52	0.020	0.00
	12:20 AM	1.41	0.35	0.013	
	12:25 AM	1.40	0.43	0.016	
	12:30 AM	1.25	0.42	0.013	0.00
	12:35 AM	1.34	0.22	0.008	
	12:40 AM	1.14	0.34	0.009	
	12:45 AM	0.96	0.28	0.006	0.00
	12:50 AM	0.80	0.26	0.004	
	12:55 AM	0.77	0.25	0.004	
	1:00 AM	0.76	0.33	0.005	0.00
	1:05 AM	0.74	0.29	0.004	
	1:10 AM	0.81	0.37	0.006	
	1:15 AM	0.77	0.22	0.003	0.00
	1:20 AM	0.81	0.28	0.005	
	1:25 AM	0.86	0.29	0.005	
	1:30 AM	0.94	0.29	0.006	0.00
	1:35 AM	1.50	0.51	0.021	
	1:40 AM	1.20	0.38	0.011	
	1:45 AM	0.98	0.27	0.006	0.00
	1:50 AM	0.85	0.32	0.006	
	1:55 AM	0.82	0.26	0.004	
	2:00 AM	0.82	0.23	0.004	0.00
	2:05 AM	0.84	0.24	0.004	
	2:10 AM	0.81	0.27	0.005	
	2:15 AM	0.83	0.26	0.004	0.00
	2:20 AM	0.88	0.25	0.005	
	2:25 AM	0.95	0.24	0.005	
	2:30 AM	1.00	0.25	0.006	0.00
	2:35 AM	1.25	0.53	0.017	
	2:40 AM	1.18	0.40	0.011	

2:45 AM	0.96	0.48	0.010	0.00
2:50 AM	0.86	0.37	0.007	
2:55 AM	0.76	0.15	0.002	
3:00 AM	0.81	0.30	0.005	0.00
3:05 AM	0.82	0.50	0.009	
3:10 AM	0.84	0.34	0.006	
3:15 AM	0.86	0.52	0.009	0.00
3:20 AM	0.90	0.43	0.008	
3:25 AM	0.93	0.49	0.010	
3:30 AM	1.13	0.56	0.015	0.00
3:35 AM	1.32	0.44	0.015	
3:40 AM	1.17	0.43	0.012	
3:45 AM	0.94	0.27	0.006	0.00
3:50 AM	0.85	0.38	0.007	
3:55 AM	0.87	0.38	0.007	
4:00 AM	0.83	0.29	0.005	0.00
4:05 AM	0.89	0.16	0.003	
4:10 AM	0.96	0.23	0.005	
4:15 AM	1.05	0.29	0.007	0.00
4:20 AM	1.14	0.19	0.005	
4:25 AM	1.31	0.39	0.013	
4:30 AM	1.28	0.31	0.010	0.00
4:35 AM	1.02	0.35	0.008	
4:40 AM	0.83	0.25	0.004	
4:45 AM	0.81	0.28	0.005	0.00
4:50 AM	0.92	0.24	0.005	
4:55 AM	1.06	0.11	0.003	
5:00 AM	1.20	0.40	0.012	0.00
5:05 AM	1.27	0.25	0.008	
5:10 AM	1.31	0.23	0.008	
5:15 AM	1.22	0.15	0.005	0.00
5:20 AM	1.17	0.26	0.007	
5:25 AM	1.16	0.25	0.007	
5:30 AM	1.60	0.83	0.037	0.00
5:35 AM	1.22	0.20	0.006	
5:40 AM	1.13	0.30	0.008	
5:45 AM	0.95	0.32	0.007	0.00
5:50 AM	0.88	0.27	0.005	
5:55 AM	0.85	0.18	0.003	
6:00 AM	0.84	0.41	0.007	0.00
6:05 AM	0.89	0.17	0.003	
6:10 AM	0.90	0.27	0.005	
6:15 AM	0.93	0.40	0.008	0.00
6:20 AM	0.92	0.19	0.004	
6:25 AM	1.01	0.20	0.005	
6:30 AM	1.51	0.78	0.033	0.00
6:35 AM	1.32	0.35	0.012	
6:40 AM	1.19	0.29	0.008	
6:45 AM	1.24	0.40	0.013	0.00
6:50 AM	0.89	0.34	0.006	
6:55 AM	0.73	0.37	0.005	

7:00 AM	0.70	0.30	0.004	0.00
7:05 AM	0.75	0.23	0.003	
7:10 AM	0.83	0.35	0.006	
7:15 AM	0.86	0.31	0.006	0.00
7:20 AM	0.90	0.34	0.007	
7:25 AM	0.94	0.33	0.007	
7:30 AM	1.55	0.47	0.020	0.00
7:35 AM	1.76	0.79	0.041	
7:40 AM	1.50	0.43	0.018	
7:45 AM	1.41	0.54	0.020	0.00
7:50 AM	1.51	0.50	0.021	
7:55 AM	1.82	0.45	0.024	
8:00 AM	1.74	0.51	0.026	0.00
8:05 AM	1.68	0.52	0.025	
8:10 AM	1.48	0.64	0.026	
8:15 AM	1.51	0.83	0.035	0.00
8:20 AM	1.54	0.75	0.032	
8:25 AM	1.60	0.49	0.022	
8:30 AM	1.38	0.50	0.018	0.00
8:35 AM	1.31	0.69	0.023	
8:40 AM	1.11	0.38	0.010	
8:45 AM	1.04	0.49	0.012	0.00
8:50 AM	1.01	0.42	0.010	
8:55 AM	1.21	0.71	0.021	
9:00 AM	1.13	0.55	0.015	0.00
9:05 AM	1.55	1.58	0.068	
9:10 AM	1.36	0.52	0.019	
9:15 AM	1.24	0.56	0.017	0.00
9:20 AM	1.29	0.56	0.018	
9:25 AM	1.52	1.57	0.066	
9:30 AM	1.21	0.58	0.017	0.00
9:35 AM	1.30	0.68	0.023	
9:40 AM	1.29	0.57	0.019	
9:45 AM	1.28	0.64	0.021	0.00
9:50 AM	1.27	0.32	0.010	
9:55 AM	1.27	0.25	0.008	
10:00 AM	1.48	1.13	0.046	0.00
10:05 AM	1.29	0.35	0.011	
10:10 AM	1.66	0.47	0.022	
10:15 AM	1.78	0.53	0.028	0.00
10:20 AM	1.48	0.72	0.029	
10:25 AM	1.57	0.66	0.029	
10:30 AM	1.76	1.49	0.078	0.00
10:35 AM	2.02	1.49	0.095	
10:40 AM	1.66	0.56	0.027	
10:45 AM	1.65	0.68	0.032	0.00
10:50 AM	1.82	1.58	0.086	
10:55 AM	1.87	0.66	0.037	
11:00 AM	1.87	0.61	0.035	0.00
11:05 AM	1.71	0.56	0.028	
11:10 AM	1.49	0.77	0.031	

11:15 AM	2.04	2.15	0.138	0.00
11:20 AM	1.82	0.48	0.026	
11:25 AM	1.91	1.46	0.086	
11:30 AM	1.80	1.39	0.075	0.00
11:35 AM	1.70	0.48	0.024	
11:40 AM	1.73	0.45	0.023	
11:45 AM	1.66	0.57	0.027	0.00
11:50 AM	1.92	1.08	0.064	
11:55 AM	1.65	1.40	0.066	
12:00 PM	1.53	1.14	0.048	0.00
12:05 PM	1.42	0.45	0.017	
12:10 PM	1.68	0.65	0.032	
12:15 PM	1.74	0.89	0.046	0.00
12:20 PM	1.49	0.51	0.021	
12:25 PM	1.66	0.80	0.038	
12:30 PM	1.69	0.57	0.028	0.00
12:35 PM	1.59	0.56	0.025	
12:40 PM	1.59	0.92	0.041	
12:45 PM	1.63	0.48	0.022	0.00
12:50 PM	1.57	0.59	0.026	
12:55 PM	1.32	0.29	0.010	
1:00 PM	1.28	0.58	0.019	0.00
1:05 PM	1.64	0.52	0.025	
1:10 PM	1.73	0.46	0.023	
1:15 PM	1.53	0.38	0.016	0.00
1:20 PM	1.48	0.35	0.014	
1:25 PM	1.76	0.53	0.027	
1:30 PM	1.86	0.56	0.032	0.00
1:35 PM	1.87	0.50	0.028	
1:40 PM	1.50	0.57	0.024	
1:45 PM	1.60	1.05	0.047	0.00
1:50 PM	1.46	0.41	0.016	
1:55 PM	1.63	1.57	0.073	
2:00 PM	1.37	0.37	0.013	0.00
2:05 PM	1.23	0.30	0.009	
2:10 PM	1.26	0.26	0.008	
2:15 PM	1.48	1.58	0.064	0.00
2:20 PM	1.54	1.32	0.056	
2:25 PM	2.22	1.51	0.110	
2:30 PM	1.73	1.56	0.079	0.00
2:35 PM	1.54	1.53	0.066	
2:40 PM	1.39	1.39	0.051	
2:45 PM	1.36	1.57	0.056	0.00
2:50 PM	1.40	1.41	0.053	
2:55 PM	1.43	0.63	0.024	
3:00 PM	1.46	0.49	0.019	0.00
3:05 PM	1.37	0.63	0.023	
3:10 PM	1.33	0.72	0.025	
3:15 PM	1.45	0.48	0.019	0.00
3:20 PM	1.54	0.48	0.021	
3:25 PM	1.72	0.73	0.037	

3:30 PM	1.65	0.42	0.020	0.00
3:35 PM	1.55	0.88	0.038	
3:40 PM	1.18	0.60	0.017	
3:45 PM	1.10	0.59	0.015	0.00
3:50 PM	1.07	0.54	0.014	
3:55 PM	1.08	0.67	0.017	
4:00 PM	1.54	0.51	0.022	0.00
4:05 PM	1.33	0.58	0.020	
4:10 PM	1.23	0.89	0.027	
4:15 PM	1.29	1.02	0.034	0.00
4:20 PM	1.34	0.99	0.035	
4:25 PM	1.27	0.43	0.014	
4:30 PM	1.62	0.74	0.034	0.00
4:35 PM	1.66	0.42	0.020	
4:40 PM	1.50	0.50	0.021	
4:45 PM	1.40	0.63	0.024	0.00
4:50 PM	1.34	0.69	0.024	
4:55 PM	1.42	0.59	0.022	
5:00 PM	1.91	0.99	0.058	0.00
5:05 PM	1.97	0.48	0.030	
5:10 PM	1.46	0.49	0.020	
5:15 PM	1.26	0.66	0.021	0.00
5:20 PM	1.25	0.74	0.023	
5:25 PM	1.28	0.26	0.008	
5:30 PM	1.41	0.70	0.026	0.00
5:35 PM	1.61	0.48	0.022	
5:40 PM	1.54	0.58	0.025	
5:45 PM	1.44	0.71	0.028	0.00
5:50 PM	1.36	0.71	0.026	
5:55 PM	1.28	0.33	0.011	
6:00 PM	1.82	1.41	0.077	0.00
6:05 PM	1.97	0.68	0.042	
6:10 PM	1.40	0.52	0.019	
6:15 PM	1.31	0.48	0.016	0.00
6:20 PM	1.36	0.38	0.013	
6:25 PM	1.67	0.76	0.037	
6:30 PM	1.51	0.56	0.023	0.00
6:35 PM	1.39	0.53	0.020	
6:40 PM	1.25	0.68	0.021	
6:45 PM	1.14	0.62	0.017	0.00
6:50 PM	1.24	1.44	0.045	
6:55 PM	2.15	1.57	0.109	
7:00 PM	1.81	0.46	0.025	0.00
7:05 PM	1.37	0.65	0.023	
7:10 PM	1.25	0.63	0.020	
7:15 PM	1.18	0.79	0.023	0.00
7:20 PM	1.81	1.32	0.071	
7:25 PM	2.04	0.86	0.056	
7:30 PM	1.98	1.40	0.087	0.00
7:35 PM	2.07	1.30	0.086	
7:40 PM	1.14	1.41	0.039	

7:45 PM	0.63	0.70	0.008	0.00
7:50 PM	0.90	0.76	0.015	
7:55 PM	1.52	1.60	0.068	
8:00 PM	2.38	1.59	0.128	0.00
8:05 PM	1.78	0.56	0.030	
8:10 PM	1.53	0.55	0.023	
8:15 PM	1.44	0.59	0.023	0.00
8:20 PM	1.56	1.38	0.061	
8:25 PM	1.79	0.51	0.027	
8:30 PM	1.46	0.54	0.021	0.00
8:35 PM	1.53	0.61	0.026	
8:40 PM	1.49	0.76	0.031	
8:45 PM	1.95	0.77	0.047	0.00
8:50 PM	1.89	1.49	0.086	
8:55 PM	1.85	1.58	0.088	
9:00 PM	1.52	0.57	0.024	0.00
9:05 PM	1.53	1.18	0.050	
9:10 PM	2.06	0.61	0.040	
9:15 PM	1.61	0.39	0.018	0.00
9:20 PM	1.36	0.53	0.019	
9:25 PM	1.40	1.48	0.055	
9:30 PM	1.34	0.57	0.020	0.00
9:35 PM	1.53	0.32	0.013	
9:40 PM	1.11	1.49	0.039	
9:45 PM	0.71	0.78	0.011	0.00
9:50 PM	0.94	1.51	0.031	
9:55 PM	1.94	1.53	0.092	
10:00 PM	1.75	1.40	0.073	0.00
10:05 PM	1.11	0.69	0.018	
10:10 PM	0.73	0.59	0.008	
10:15 PM	0.75	0.56	0.008	0.00
10:20 PM	0.65	0.84	0.010	
10:25 PM	0.90	0.61	0.012	
10:30 PM	1.39	0.47	0.017	0.00
10:35 PM	1.35	0.84	0.030	
10:40 PM	1.32	0.52	0.018	
10:45 PM	1.19	0.60	0.018	0.00
10:50 PM	1.99	0.92	0.058	
10:55 PM	1.09	0.41	0.011	
11:00 PM	0.66	0.45	0.006	0.00
11:05 PM	0.49	0.35	0.003	
11:10 PM	0.45	0.30	0.002	
11:15 PM	0.44	0.30	0.002	0.00
11:20 PM	0.46	0.34	0.002	
11:25 PM	0.41	0.28	0.002	
11:30 PM	0.42	0.32	0.002	0.00
11:35 PM	0.48	0.41	0.003	
11:40 PM	0.55	0.21	0.002	
11:45 PM	1.28	0.41	0.013	0.00
11:50 PM	1.34	0.47	0.016	
11:55 PM	1.01	0.39	0.009	

6/5/2023	12:00 AM	0.89	0.43	0.008	0.00
	12:05 AM	0.87	0.51	0.009	
	12:10 AM	0.90	0.48	0.009	
	12:15 AM	0.90	0.63	0.012	0.00
	12:20 AM	0.88	0.52	0.010	
	12:25 AM	0.84	0.40	0.007	
	12:30 AM	0.79	0.44	0.007	0.00
	12:35 AM	1.08	0.58	0.015	
	12:40 AM	1.91	0.36	0.021	
	12:45 AM	1.55	0.43	0.019	0.00
	12:50 AM	1.12	0.19	0.005	
	12:55 AM	1.18	0.58	0.017	
	1:00 AM	1.13	0.33	0.009	0.00
	1:05 AM	1.18	0.38	0.011	
	1:10 AM	1.09	0.47	0.012	
	1:15 AM	0.93	0.33	0.007	0.00
	1:20 AM	0.80	0.21	0.003	
	1:25 AM	0.68	0.22	0.003	
	1:30 AM	0.62	0.43	0.005	0.00
	1:35 AM	1.03	0.56	0.013	
	1:40 AM	1.15	0.34	0.009	
	1:45 AM	0.79	0.34	0.005	0.00
	1:50 AM	0.35	0.16	0.001	
	1:55 AM	0.21	0.27	0.001	
	2:00 AM	0.20	0.49	0.001	0.00
	2:05 AM	0.22	0.35	0.001	
	2:10 AM	0.30	0.31	0.001	
	2:15 AM	0.32	0.35	0.001	0.00
	2:20 AM	0.58	0.36	0.004	
	2:25 AM	0.72	0.25	0.003	
	2:30 AM	0.79	0.10	0.002	0.00
	2:35 AM	1.58	0.34	0.015	
	2:40 AM	0.89	0.36	0.007	
	2:45 AM	0.64	0.33	0.004	0.00
	2:50 AM	0.47	0.24	0.002	
	2:55 AM	0.29	0.29	0.001	
	3:00 AM	0.24	0.41	0.001	0.00
	3:05 AM	0.18	0.30	0.001	
	3:10 AM	0.18	0.22	0.000	
	3:15 AM	0.30	0.37	0.001	0.00
	3:20 AM	0.36	0.26	0.001	
	3:25 AM	0.45	0.24	0.002	
	3:30 AM	1.50	1.37	0.057	0.00
	3:35 AM	1.05	0.30	0.007	
	3:40 AM	0.29	0.34	0.001	
	3:45 AM	0.05	0.29	0.000	0.00
	3:50 AM	0.06	0.28	0.000	
	3:55 AM	0.06	0.23	0.000	
	4:00 AM	0.28	0.34	0.001	0.00
	4:05 AM	0.55	0.47	0.004	
	4:10 AM	0.62	0.68	0.008	

4:15 AM	0.55	0.12	0.001	0.00
4:20 AM	0.74	0.40	0.006	
4:25 AM	0.93	0.51	0.010	
4:30 AM	1.10	0.31	0.008	0.00
4:35 AM	1.03	0.18	0.004	
4:40 AM	0.60	0.13	0.001	
4:45 AM	0.50	0.41	0.003	0.00
4:50 AM	0.33	0.05	0.000	
4:55 AM	0.40	0.26	0.002	
5:00 AM	0.39	0.21	0.001	0.00
5:05 AM	0.44	0.41	0.003	
5:10 AM	0.46	0.37	0.003	
5:15 AM	0.52	0.40	0.003	0.00
5:20 AM	0.50	0.13	0.001	
5:25 AM	1.00	1.39	0.031	
5:30 AM	0.85	0.32	0.006	0.00
5:35 AM	1.09	0.29	0.007	
5:40 AM	0.62	0.38	0.004	
5:45 AM	0.55	0.35	0.003	0.00
5:50 AM	0.47	0.15	0.001	
5:55 AM	0.44	0.30	0.002	
6:00 AM	0.50	0.42	0.003	0.00
6:05 AM	1.12	0.94	0.025	
6:10 AM	0.70	0.23	0.003	
6:15 AM	0.78	0.36	0.006	0.00
6:20 AM	0.52	0.44	0.004	
6:25 AM	0.88	0.45	0.008	
6:30 AM	0.71	0.38	0.005	0.00
6:35 AM	0.63	0.27	0.003	
6:40 AM	0.77	0.43	0.007	
6:45 AM	0.56	0.26	0.002	0.00
6:50 AM	0.46	0.34	0.002	
6:55 AM	0.59	0.36	0.004	
7:00 AM	0.50	0.44	0.004	0.00
7:05 AM	0.65	0.31	0.004	
7:10 AM	0.56	0.28	0.003	
7:15 AM	0.74	0.36	0.005	0.00
7:20 AM	0.61	0.50	0.005	
7:25 AM	1.09	0.30	0.008	
7:30 AM	1.36	0.44	0.016	0.00
7:35 AM	1.03	0.45	0.011	
7:40 AM	1.11	0.46	0.012	
7:45 AM	0.80	0.32	0.005	0.00
7:50 AM	1.02	0.53	0.012	
7:55 AM	0.81	0.27	0.004	
8:00 AM	0.95	0.43	0.009	0.00
8:05 AM	0.93	0.48	0.010	
8:10 AM	1.43	0.95	0.037	
8:15 AM	1.13	0.44	0.012	0.00
8:20 AM	1.25	0.85	0.027	
8:25 AM	1.37	1.15	0.042	

8:30 AM	0.80	0.18	0.003	0.00
8:35 AM	0.91	0.63	0.013	
8:40 AM	0.86	0.37	0.007	
8:45 AM	1.10	0.59	0.015	0.00
8:50 AM	1.28	0.69	0.023	
8:55 AM	1.26	0.39	0.012	
9:00 AM	1.46	0.48	0.019	0.00
9:05 AM	1.64	0.58	0.027	
9:10 AM	1.77	0.45	0.024	
9:15 AM	1.52	0.57	0.024	0.00
9:20 AM	1.19	0.38	0.011	
9:25 AM	1.34	0.49	0.017	
9:30 AM	1.46	0.58	0.023	0.00
9:35 AM	1.57	0.41	0.018	
9:40 AM	1.37	0.61	0.022	
9:45 AM	1.27	0.53	0.017	0.00
9:50 AM	1.28	0.78	0.025	
9:55 AM	1.41	0.63	0.024	
10:00 AM	1.66	0.40	0.019	0.00
10:05 AM	1.85	0.50	0.028	
10:10 AM	1.78	0.67	0.035	
10:15 AM	1.47	0.56	0.023	0.00
10:20 AM	1.51	0.46	0.019	
10:25 AM	1.60	0.52	0.024	
10:30 AM	1.63	0.40	0.019	0.00
10:35 AM	1.63	0.72	0.034	
10:40 AM	1.65	0.77	0.037	
10:45 AM	1.80	0.86	0.046	0.00
10:50 AM	1.86	0.38	0.022	
10:55 AM	2.00	0.48	0.030	
11:00 AM	1.61	0.54	0.025	0.00
11:05 AM	1.79	0.80	0.043	
11:10 AM	1.72	0.55	0.028	
11:15 AM	1.21	0.90	0.027	0.00
11:20 AM	1.20	0.55	0.016	
11:25 AM	1.42	0.50	0.019	
11:30 AM	1.66	1.23	0.058	0.00
11:35 AM	2.04	1.41	0.091	
11:40 AM	1.96	0.95	0.058	
11:45 AM	2.21	1.48	0.107	0.00
11:50 AM	1.82	0.54	0.030	
11:55 AM	1.96	0.63	0.039	
12:00 PM	2.03	0.63	0.041	0.00
12:05 PM	1.93	0.67	0.040	
12:10 PM	2.07	0.86	0.057	
12:15 PM	1.72	0.73	0.036	0.00
12:20 PM	1.96	0.66	0.040	
12:25 PM	1.81	0.49	0.027	
12:30 PM	1.80	0.50	0.027	0.00
12:35 PM	2.00	0.98	0.061	
12:40 PM	1.90	0.63	0.037	

12:45 PM	2.21	0.61	0.044	0.00
12:50 PM	1.90	0.77	0.045	
12:55 PM	1.74	1.09	0.056	
1:00 PM	1.85	1.46	0.082	0.00
1:05 PM	2.13	0.96	0.066	
1:10 PM	1.71	0.48	0.024	
1:15 PM	1.60	0.45	0.020	0.00
1:20 PM	1.88	0.89	0.051	
1:25 PM	1.91	0.57	0.034	
1:30 PM	1.62	0.63	0.029	0.00
1:35 PM	1.64	0.64	0.030	
1:40 PM	1.74	0.77	0.040	
1:45 PM	1.91	1.56	0.091	0.00
1:50 PM	1.96	0.94	0.057	
1:55 PM	1.66	0.82	0.039	
2:00 PM	1.33	0.41	0.014	0.00
2:05 PM	1.39	0.63	0.023	
2:10 PM	1.75	0.87	0.045	
2:15 PM	2.17	0.73	0.052	0.00
2:20 PM	2.03	1.55	0.100	
2:25 PM	2.03	0.63	0.041	
2:30 PM	1.74	0.80	0.041	0.00
2:35 PM	1.91	1.34	0.079	
2:40 PM	1.93	0.68	0.041	
2:45 PM	1.96	0.97	0.060	0.00
2:50 PM	2.08	1.52	0.101	
2:55 PM	1.78	0.70	0.037	
3:00 PM	1.94	0.54	0.032	0.00
3:05 PM	1.78	0.59	0.031	
3:10 PM	1.96	0.51	0.031	
3:15 PM	1.86	1.29	0.073	0.00
3:20 PM	1.55	0.72	0.031	
3:25 PM	1.44	0.55	0.021	
3:30 PM	2.05	0.50	0.032	0.00
3:35 PM	1.96	0.77	0.047	
3:40 PM	1.99	0.65	0.041	
3:45 PM	1.81	0.59	0.032	0.00
3:50 PM	1.77	0.72	0.038	
3:55 PM	1.71	0.53	0.026	
4:00 PM	1.61	0.61	0.028	0.00
4:05 PM	1.49	1.26	0.051	
4:10 PM	2.07	0.85	0.056	
4:15 PM	1.96	0.49	0.030	0.00
4:20 PM	1.96	1.25	0.076	
4:25 PM	2.09	0.63	0.042	
4:30 PM	1.88	1.39	0.079	0.00
4:35 PM	1.96	0.52	0.031	
4:40 PM	1.79	0.57	0.030	
4:45 PM	1.89	1.01	0.059	0.00
4:50 PM	1.79	0.57	0.030	
4:55 PM	1.73	0.71	0.036	

5:00 PM	1.69	0.61	0.030	0.00
5:05 PM	1.52	0.59	0.025	
5:10 PM	1.40	0.35	0.013	
5:15 PM	1.50	0.52	0.021	0.00
5:20 PM	2.03	1.40	0.089	
5:25 PM	2.03	0.86	0.056	
5:30 PM	1.81	0.68	0.037	0.00
5:35 PM	1.67	0.67	0.033	
5:40 PM	1.81	0.35	0.019	
5:45 PM	1.91	0.69	0.040	0.00
5:50 PM	2.00	0.42	0.026	
5:55 PM	1.88	0.58	0.033	
6:00 PM	1.55	0.57	0.025	0.00
6:05 PM	1.36	0.37	0.013	
6:10 PM	1.33	0.50	0.017	
6:15 PM	1.22	0.54	0.017	0.00
6:20 PM	1.31	0.67	0.022	
6:25 PM	1.60	0.54	0.025	
6:30 PM	1.84	0.37	0.021	0.00
6:35 PM	1.56	0.46	0.020	
6:40 PM	1.43	0.33	0.013	
6:45 PM	1.42	0.71	0.027	0.00
6:50 PM	1.50	0.30	0.012	
6:55 PM	1.67	0.19	0.009	
7:00 PM	1.93	1.43	0.085	0.00
7:05 PM	1.16	0.93	0.026	
7:10 PM	0.93	0.55	0.011	
7:15 PM	1.44	0.92	0.035	0.00
7:20 PM	1.72	0.55	0.027	
7:25 PM	1.81	0.59	0.032	
7:30 PM	1.75	0.88	0.045	0.00
7:35 PM	1.53	0.40	0.017	
7:40 PM	1.57	0.51	0.022	
7:45 PM	1.58	0.34	0.015	0.00
7:50 PM	2.21	1.36	0.099	
7:55 PM	1.88	0.57	0.032	
8:00 PM	1.73	0.38	0.019	0.00
8:05 PM	1.59	0.72	0.032	
8:10 PM	1.53	0.51	0.022	
8:15 PM	1.47	0.55	0.022	0.00
8:20 PM	1.82	1.03	0.057	
8:25 PM	1.49	0.40	0.016	
8:30 PM	1.30	0.46	0.015	0.00
8:35 PM	1.38	0.48	0.018	
8:40 PM	1.63	1.37	0.064	
8:45 PM	1.71	0.85	0.043	0.00
8:50 PM	2.03	0.46	0.030	
8:55 PM	1.50	0.64	0.026	
9:00 PM	1.74	1.42	0.073	0.00
9:05 PM	1.69	1.40	0.069	
9:10 PM	1.94	1.54	0.093	

	9:15 PM	2.01	0.58	0.037	0.00
	9:20 PM	1.95	1.47	0.089	
	9:25 PM	1.70	1.56	0.077	
	9:30 PM	1.53	0.64	0.027	0.00
	9:35 PM	1.86	0.53	0.030	
	9:40 PM	1.42	0.54	0.021	
	9:45 PM	1.06	0.61	0.015	0.00
	9:50 PM	0.54	0.53	0.005	
	9:55 PM	0.82	1.55	0.026	
	10:00 PM	1.11	0.57	0.015	0.00
	10:05 PM	1.02	0.56	0.013	
	10:10 PM	1.15	0.61	0.017	
	10:15 PM	0.86	0.40	0.007	0.00
	10:20 PM	0.80	0.38	0.006	
	10:25 PM	1.04	0.49	0.012	
	10:30 PM	1.40	0.67	0.025	0.00
	10:35 PM	1.76	0.61	0.032	
	10:40 PM	1.47	0.55	0.022	
	10:45 PM	1.11	0.39	0.010	0.00
	10:50 PM	0.89	0.47	0.009	
	10:55 PM	1.61	1.06	0.049	
	11:00 PM	0.97	0.35	0.008	0.00
	11:05 PM	1.14	0.43	0.012	
	11:10 PM	1.09	0.48	0.012	
	11:15 PM	1.28	0.51	0.017	0.00
	11:20 PM	1.19	0.34	0.010	
	11:25 PM	1.73	0.80	0.041	
	11:30 PM	1.01	0.54	0.012	0.00
	11:35 PM	0.96	0.53	0.011	
	11:40 PM	0.83	0.39	0.007	
	11:45 PM	0.65	0.36	0.004	0.00
	11:50 PM	0.63	0.29	0.003	
	11:55 PM	0.64	0.34	0.004	
6/6/2023	12:00 AM	0.65	0.31	0.004	0.00
	12:05 AM	0.72	0.27	0.004	
	12:10 AM	0.77	0.42	0.006	
	12:15 AM	0.76	0.19	0.003	0.00
	12:20 AM	0.83	0.33	0.006	
	12:25 AM	1.07	0.28	0.007	
	12:30 AM	1.21	0.40	0.012	0.00
	12:35 AM	0.96	0.18	0.004	
	12:40 AM	0.87	0.31	0.006	
	12:45 AM	0.86	0.29	0.005	0.00
	12:50 AM	1.03	0.42	0.010	
	12:55 AM	0.94	0.30	0.006	
	1:00 AM	0.93	0.27	0.006	0.00
	1:05 AM	0.96	0.19	0.004	
	1:10 AM	1.05	0.20	0.005	
	1:15 AM	1.07	0.52	0.013	0.00
	1:20 AM	1.39	0.20	0.007	
	1:25 AM	1.26	0.20	0.006	

1:30 AM	0.93	0.41	0.008	0.00
1:35 AM	0.79	0.30	0.005	
1:40 AM	0.65	0.45	0.005	
1:45 AM	0.70	0.22	0.003	0.00
1:50 AM	0.70	0.35	0.005	
1:55 AM	0.61	0.20	0.002	
2:00 AM	0.68	0.30	0.004	0.00
2:05 AM	0.58	0.20	0.002	
2:10 AM	0.70	0.29	0.004	
2:15 AM	1.29	0.62	0.021	0.00
2:20 AM	1.42	0.39	0.015	
2:25 AM	0.92	0.32	0.006	
2:30 AM	0.70	0.23	0.003	0.00
2:35 AM	0.65	0.27	0.003	
2:40 AM	0.53	0.10	0.001	
2:45 AM	0.65	0.18	0.002	0.00
2:50 AM	1.42	1.04	0.039	
2:55 AM	0.60	0.34	0.004	
3:00 AM	0.47	0.33	0.002	0.00
3:05 AM	0.46	0.33	0.002	
3:10 AM	0.51	0.28	0.002	
3:15 AM	0.69	0.36	0.005	0.00
3:20 AM	1.29	0.31	0.010	
3:25 AM	1.10	0.37	0.010	
3:30 AM	0.92	0.22	0.005	0.00
3:35 AM	0.92	0.26	0.005	
3:40 AM	0.92	0.56	0.011	
3:45 AM	0.92	0.17	0.003	0.00
3:50 AM	1.01	0.23	0.005	
3:55 AM	1.18	0.45	0.013	
4:00 AM	1.29	0.25	0.008	0.00
4:05 AM	0.77	0.21	0.003	
4:10 AM	0.90	0.25	0.005	
4:15 AM	0.84	0.50	0.009	0.00
4:20 AM	1.18	0.23	0.007	
4:25 AM	0.83	0.53	0.009	
4:30 AM	0.76	0.36	0.005	0.00
4:35 AM	0.62	0.26	0.003	
4:40 AM	0.60	0.26	0.003	
4:45 AM	0.56	0.16	0.002	0.00
4:50 AM	0.57	0.16	0.002	
4:55 AM	0.55	0.30	0.003	
5:00 AM	0.55	0.34	0.003	0.00
5:05 AM	0.58	0.30	0.003	
5:10 AM	0.55	0.16	0.001	
5:15 AM	0.59	0.29	0.003	0.00
5:20 AM	1.48	1.60	0.065	
5:25 AM	0.95	0.33	0.007	
5:30 AM	1.09	0.29	0.007	0.00
5:35 AM	0.85	0.11	0.002	
5:40 AM	0.74	0.29	0.004	

5:45 AM	0.65	0.18	0.002	0.00
5:50 AM	0.70	0.17	0.002	
5:55 AM	0.66	0.51	0.006	
6:00 AM	0.66	0.23	0.003	0.00
6:05 AM	0.74	0.41	0.006	
6:10 AM	0.81	0.44	0.007	
6:15 AM	0.82	0.24	0.004	0.00
6:20 AM	0.97	0.27	0.006	
6:25 AM	1.14	0.42	0.012	
6:30 AM	1.17	0.32	0.009	0.00
6:35 AM	1.28	0.35	0.012	
6:40 AM	1.24	0.32	0.010	
6:45 AM	1.28	0.37	0.012	0.00
6:50 AM	0.85	0.37	0.007	
6:55 AM	0.88	0.44	0.008	
7:00 AM	0.88	0.46	0.009	0.00
7:05 AM	0.92	0.36	0.007	
7:10 AM	1.05	0.31	0.008	
7:15 AM	1.36	0.71	0.025	0.00
7:20 AM	1.25	0.19	0.006	
7:25 AM	1.16	0.57	0.016	
7:30 AM	0.93	0.09	0.002	0.00
7:35 AM	1.29	0.51	0.017	
7:40 AM	1.30	0.17	0.006	
7:45 AM	1.56	0.53	0.023	0.00
7:50 AM	1.60	0.43	0.019	
7:55 AM	1.45	0.64	0.025	
8:00 AM	1.50	0.32	0.013	0.00
8:05 AM	2.00	0.42	0.026	
8:10 AM	1.18	0.38	0.011	
8:15 AM	1.34	0.38	0.013	0.00
8:20 AM	1.15	0.24	0.007	
8:25 AM	1.17	0.60	0.017	
8:30 AM	1.12	0.42	0.011	0.00
8:35 AM	1.41	0.60	0.023	
8:40 AM	1.45	0.44	0.017	
8:45 AM	1.55	0.47	0.020	0.00
8:50 AM	1.72	0.66	0.033	
8:55 AM	1.89	0.57	0.033	
9:00 AM	2.03	0.66	0.042	0.00
9:05 AM	1.49	0.59	0.024	
9:10 AM	1.60	0.61	0.028	
9:15 AM	1.78	0.70	0.037	0.00
9:20 AM	1.83	0.69	0.038	
9:25 AM	1.92	0.62	0.037	
9:30 AM	2.00	0.72	0.045	0.00
9:35 AM	1.94	0.45	0.027	
9:40 AM	1.26	0.38	0.012	
9:45 AM	1.55	0.65	0.028	0.00
9:50 AM	1.80	1.33	0.072	
9:55 AM	1.85	0.41	0.023	

10:00 AM	1.85	0.50	0.028	0.00
10:05 AM	1.99	0.81	0.050	
10:10 AM	1.36	0.33	0.012	
10:15 AM	1.54	0.70	0.030	0.00
10:20 AM	1.69	1.10	0.054	
10:25 AM	1.56	1.55	0.068	
10:30 AM	1.68	0.97	0.047	0.00
10:35 AM	2.04	0.61	0.040	
10:40 AM	1.80	0.99	0.054	
10:45 AM	2.06	0.68	0.044	0.00
10:50 AM	1.85	0.62	0.035	
10:55 AM	1.93	0.65	0.039	
11:00 AM	2.04	1.03	0.066	0.00
11:05 AM	1.80	0.82	0.044	
11:10 AM	2.09	1.03	0.069	
11:15 AM	1.97	0.86	0.053	0.00
11:20 AM	1.83	0.52	0.028	
11:25 AM	1.99	1.19	0.075	
11:30 AM	1.74	0.58	0.030	0.00
11:35 AM	1.77	1.42	0.075	
11:40 AM	2.26	1.46	0.109	
11:45 AM	1.88	0.93	0.053	0.00
11:50 AM	1.97	1.44	0.088	
11:55 AM	1.94	1.32	0.079	
12:00 PM	2.14	1.56	0.108	0.00
12:05 PM	2.03	0.98	0.063	
12:10 PM	2.00	0.76	0.048	
12:15 PM	2.08	1.23	0.082	0.00
12:20 PM	1.90	0.69	0.040	
12:25 PM	2.03	1.06	0.068	
12:30 PM	2.09	1.20	0.080	0.00
12:35 PM	1.91	0.70	0.041	
12:40 PM	2.15	1.59	0.112	
12:45 PM	1.76	0.80	0.042	0.00
12:50 PM	1.79	0.72	0.038	
12:55 PM	1.81	0.61	0.033	
1:00 PM	2.06	0.77	0.050	0.00
1:05 PM	1.86	0.66	0.037	
1:10 PM	2.36	1.58	0.126	
1:15 PM	2.17	1.52	0.108	0.00
1:20 PM	1.75	1.35	0.070	
1:25 PM	1.80	0.55	0.030	
1:30 PM	1.97	0.67	0.041	0.00
1:35 PM	2.28	1.59	0.121	
1:40 PM	1.49	0.68	0.028	
1:45 PM	1.58	0.43	0.019	0.00
1:50 PM	1.60	0.50	0.023	
1:55 PM	1.89	1.59	0.092	
2:00 PM	2.06	0.80	0.053	0.00
2:05 PM	1.56	0.56	0.024	
2:10 PM	1.58	0.64	0.029	

2:15 PM	1.61	0.72	0.033	0.00
2:20 PM	1.63	0.93	0.044	
2:25 PM	1.67	0.63	0.030	
2:30 PM	1.99	0.64	0.040	0.00
2:35 PM	1.88	0.78	0.045	
2:40 PM	1.94	0.62	0.037	
2:45 PM	1.79	0.63	0.034	0.00
2:50 PM	1.62	0.56	0.026	
2:55 PM	1.82	0.77	0.042	
3:00 PM	2.24	1.31	0.097	0.00
3:05 PM	2.20	1.52	0.110	
3:10 PM	2.00	1.41	0.089	
3:15 PM	1.93	1.44	0.086	0.00
3:20 PM	1.66	0.91	0.044	
3:25 PM	1.51	0.68	0.028	
3:30 PM	1.50	0.61	0.025	0.00
3:35 PM	1.63	0.81	0.038	
3:40 PM	1.74	0.84	0.043	
3:45 PM	1.95	1.27	0.077	0.00
3:50 PM	1.81	0.45	0.024	
3:55 PM	2.10	0.98	0.066	
4:00 PM	1.99	1.04	0.065	0.00
4:05 PM	1.96	1.20	0.073	
4:10 PM	1.81	0.76	0.041	
4:15 PM	1.89	0.82	0.047	0.00
4:20 PM	2.08	0.98	0.065	
4:25 PM	2.12	0.84	0.057	
4:30 PM	1.58	0.83	0.037	0.00
4:35 PM	1.65	1.16	0.055	
4:40 PM	1.69	0.67	0.033	
4:45 PM	1.77	0.83	0.044	0.00
4:50 PM	2.02	1.06	0.067	
4:55 PM	1.75	0.75	0.039	
5:00 PM	1.94	1.41	0.085	0.00
5:05 PM	2.03	1.14	0.073	
5:10 PM	2.41	1.53	0.126	
5:15 PM	2.13	1.53	0.105	0.00
5:20 PM	2.20	1.40	0.101	
5:25 PM	2.13	0.76	0.052	
5:30 PM	1.86	0.48	0.027	0.00
5:35 PM	2.09	0.75	0.050	
5:40 PM	2.20	1.46	0.105	
5:45 PM	1.34	0.60	0.021	0.00
5:50 PM	1.39	0.88	0.033	
5:55 PM	1.41	0.70	0.026	
6:00 PM	1.66	0.86	0.041	0.00
6:05 PM	1.97	0.57	0.035	
6:10 PM	1.65	0.54	0.025	
6:15 PM	1.71	0.37	0.019	0.00
6:20 PM	1.74	0.52	0.027	
6:25 PM	1.87	0.45	0.026	

6:30 PM	2.11	0.98	0.067	0.00
6:35 PM	1.84	1.05	0.058	
6:40 PM	2.21	1.38	0.100	
6:45 PM	1.84	0.33	0.018	0.00
6:50 PM	1.96	0.77	0.047	
6:55 PM	1.51	0.52	0.022	
7:00 PM	1.79	0.63	0.034	0.00
7:05 PM	1.94	0.65	0.039	
7:10 PM	1.51	0.62	0.026	
7:15 PM	1.56	1.55	0.068	0.00
7:20 PM	1.46	0.63	0.025	
7:25 PM	1.55	0.47	0.020	
7:30 PM	1.74	0.57	0.029	0.00
7:35 PM	2.15	1.56	0.108	
7:40 PM	2.51	4.02	0.351	
7:45 PM	1.78	1.34	0.071	0.00
7:50 PM	1.93	0.56	0.033	
7:55 PM	1.88	0.54	0.031	
8:00 PM	1.92	0.66	0.039	0.00
8:05 PM	1.57	0.55	0.024	
8:10 PM	1.73	0.42	0.021	
8:15 PM	1.69	0.39	0.019	0.00
8:20 PM	1.82	0.48	0.026	
8:25 PM	2.23	0.49	0.036	
8:30 PM	2.73	0.55	0.054	0.00
8:35 PM	2.98	1.31	0.146	
8:40 PM	1.63	1.58	0.074	
8:45 PM	2.48	1.36	0.117	0.00
8:50 PM	2.72	1.41	0.138	
8:55 PM	2.83	1.54	0.160	
9:00 PM	2.71	0.46	0.045	0.00
9:05 PM	2.73	1.45	0.143	
9:10 PM	2.80	1.50	0.153	
9:15 PM	3.40	1.47	0.198	0.00
9:20 PM	2.18	0.47	0.034	
9:25 PM	2.26	0.37	0.027	
9:30 PM	2.04	0.56	0.036	0.00
9:35 PM	2.09	0.52	0.035	
9:40 PM	2.41	1.47	0.121	
9:45 PM	2.01	0.36	0.023	0.00
9:50 PM	1.84	0.45	0.025	
9:55 PM	1.68	0.69	0.033	
10:00 PM	1.51	0.62	0.026	0.00
10:05 PM	1.37	0.54	0.019	
10:10 PM	1.31	0.34	0.011	
10:15 PM	1.31	0.59	0.020	0.00
10:20 PM	1.55	1.46	0.064	
10:25 PM	1.29	0.55	0.018	
10:30 PM	1.36	0.51	0.018	0.00
10:35 PM	1.59	0.46	0.021	
10:40 PM	1.73	0.38	0.019	

	10:45 PM	1.69	0.63	0.031	0.00
	10:50 PM	1.61	0.52	0.024	
	10:55 PM	1.57	0.51	0.023	
	11:00 PM	1.54	0.63	0.027	0.00
	11:05 PM	1.49	0.11	0.005	
	11:10 PM	1.52	0.51	0.021	
	11:15 PM	1.07	0.39	0.010	0.00
	11:20 PM	1.17	0.54	0.015	
	11:25 PM	1.18	0.39	0.011	
	11:30 PM	1.22	0.14	0.004	0.00
	11:35 PM	1.26	0.27	0.009	
	11:40 PM	1.27	0.48	0.015	
	11:45 PM	1.27	0.38	0.012	0.00
	11:50 PM	1.26	0.29	0.009	
	11:55 PM	1.30	0.22	0.007	
6/7/2023	12:00 AM	1.31	0.40	0.014	0.00
	12:05 AM	1.20	0.32	0.010	
	12:10 AM	1.26	0.43	0.014	
	12:15 AM	1.29	0.33	0.011	0.00
	12:20 AM	1.30	0.21	0.007	
	12:25 AM	1.37	0.46	0.017	
	12:30 AM	1.42	0.41	0.016	0.00
	12:35 AM	1.39	0.40	0.015	
	12:40 AM	1.35	0.16	0.006	
	12:45 AM	1.37	0.34	0.012	0.00
	12:50 AM	1.44	0.39	0.015	
	12:55 AM	1.25	0.13	0.004	
	1:00 AM	1.34	0.35	0.012	0.00
	1:05 AM	1.64	0.45	0.021	
	1:10 AM	0.85	0.39	0.007	
	1:15 AM	0.70	0.31	0.004	0.00
	1:20 AM	0.71	0.37	0.005	
	1:25 AM	0.81	0.31	0.005	
	1:30 AM	1.03	0.18	0.004	0.00
	1:35 AM	1.31	0.39	0.013	
	1:40 AM	1.21	0.14	0.004	
	1:45 AM	1.23	0.25	0.008	0.00
	1:50 AM	1.19	0.32	0.010	
	1:55 AM	1.01	0.41	0.009	
	2:00 AM	1.12	0.31	0.008	0.00
	2:05 AM	1.17	0.35	0.010	
	2:10 AM	1.10	0.37	0.010	
	2:15 AM	1.05	0.26	0.006	0.00
	2:20 AM	1.15	0.33	0.009	
	2:25 AM	1.49	0.53	0.021	
	2:30 AM	1.29	0.34	0.011	0.00
	2:35 AM	1.22	0.24	0.007	
	2:40 AM	0.71	0.23	0.003	
	2:45 AM	0.67	0.25	0.003	0.00
	2:50 AM	0.69	0.19	0.003	
	2:55 AM	0.70	0.29	0.004	

3:00 AM	0.77	0.39	0.006	0.00
3:05 AM	1.12	0.58	0.016	
3:10 AM	0.97	0.47	0.010	
3:15 AM	1.25	0.64	0.020	0.00
3:20 AM	1.41	0.40	0.015	
3:25 AM	1.52	0.53	0.022	
3:30 AM	1.38	0.38	0.014	0.00
3:35 AM	1.32	0.32	0.011	
3:40 AM	1.59	0.47	0.021	
3:45 AM	1.07	0.37	0.009	0.00
3:50 AM	1.51	0.56	0.023	
3:55 AM	1.28	0.46	0.015	
4:00 AM	0.95	0.05	0.001	0.00
4:05 AM	0.78	0.27	0.004	
4:10 AM	0.70	0.13	0.002	
4:15 AM	0.70	0.17	0.002	0.00
4:20 AM	0.78	0.38	0.006	
4:25 AM	0.84	0.13	0.002	
4:30 AM	0.93	0.29	0.006	0.00
4:35 AM	1.01	0.32	0.007	
4:40 AM	1.04	0.12	0.003	
4:45 AM	1.07	0.33	0.008	0.00
4:50 AM	1.13	0.17	0.004	
4:55 AM	1.09	0.35	0.009	
5:00 AM	1.04	0.37	0.009	0.00
5:05 AM	1.12	0.25	0.007	
5:10 AM	1.15	0.27	0.008	
5:15 AM	1.12	0.34	0.009	0.00
5:20 AM	1.08	0.05	0.001	
5:25 AM	1.13	0.19	0.005	
5:30 AM	1.12	0.20	0.005	0.00
5:35 AM	0.80	0.31	0.005	
5:40 AM	0.75	0.26	0.004	
5:45 AM	0.80	0.47	0.008	0.00
5:50 AM	0.86	0.59	0.011	
5:55 AM	0.99	0.47	0.010	
6:00 AM	1.09	0.35	0.009	0.00
6:05 AM	1.20	0.28	0.008	
6:10 AM	1.25	0.39	0.012	
6:15 AM	1.20	0.46	0.014	0.00
6:20 AM	0.77	0.22	0.003	
6:25 AM	0.94	0.45	0.009	
6:30 AM	0.87	0.46	0.008	0.00
6:35 AM	1.02	0.30	0.007	
6:40 AM	0.99	0.41	0.009	
6:45 AM	1.09	0.45	0.012	0.00
6:50 AM	1.12	0.19	0.005	
6:55 AM	1.17	0.52	0.015	
7:00 AM	1.02	0.28	0.007	0.00
7:05 AM	1.01	0.34	0.008	
7:10 AM	1.14	0.35	0.010	

7:15 AM	1.15	0.32	0.009	0.00
7:20 AM	1.21	0.48	0.014	
7:25 AM	1.13	0.31	0.008	
7:30 AM	1.11	0.35	0.009	0.00
7:35 AM	1.22	0.49	0.015	
7:40 AM	1.32	0.44	0.015	
7:45 AM	1.57	0.57	0.025	0.00
7:50 AM	1.80	0.75	0.041	
7:55 AM	1.18	0.26	0.008	
8:00 AM	1.48	0.76	0.031	0.00
8:05 AM	1.16	0.16	0.004	
8:10 AM	1.31	0.56	0.019	
8:15 AM	1.30	0.24	0.008	0.00
8:20 AM	1.51	0.69	0.029	
8:25 AM	1.65	0.59	0.028	
8:30 AM	1.10	0.24	0.006	0.00
8:35 AM	1.13	0.54	0.015	
8:40 AM	1.09	0.34	0.009	
8:45 AM	1.33	0.61	0.021	0.00
8:50 AM	1.33	0.38	0.013	
8:55 AM	1.45	0.57	0.022	
9:00 AM	1.55	0.42	0.018	0.00
9:05 AM	2.11	1.37	0.093	
9:10 AM	1.67	0.59	0.029	
9:15 AM	1.25	0.49	0.015	0.00
9:20 AM	1.43	0.62	0.024	
9:25 AM	1.80	0.64	0.034	
9:30 AM	2.12	0.76	0.052	0.00
9:35 AM	1.98	0.48	0.030	
9:40 AM	1.85	0.30	0.017	
9:45 AM	1.86	0.67	0.038	0.00
9:50 AM	1.96	0.73	0.044	
9:55 AM	1.95	0.96	0.058	
10:00 AM	1.87	1.49	0.085	0.00
10:05 AM	2.16	1.71	0.120	
10:10 AM	1.81	0.44	0.024	
10:15 AM	1.79	0.57	0.030	0.00
10:20 AM	1.72	0.94	0.047	
10:25 AM	1.62	0.64	0.030	
10:30 AM	1.62	0.68	0.032	0.00
10:35 AM	1.91	1.38	0.081	
10:40 AM	2.02	0.74	0.047	
10:45 AM	1.93	0.54	0.032	0.00
10:50 AM	1.86	0.67	0.038	
10:55 AM	2.00	1.56	0.098	
11:00 AM	1.88	0.92	0.053	0.00
11:05 AM	1.77	1.39	0.073	
11:10 AM	1.87	0.68	0.039	
11:15 AM	1.94	0.89	0.054	0.00
11:20 AM	1.98	0.55	0.034	
11:25 AM	1.86	0.88	0.049	

11:30 AM	1.69	0.84	0.041	0.00
11:35 AM	2.19	1.53	0.110	
11:40 AM	1.74	0.79	0.040	
11:45 AM	1.89	1.00	0.058	0.00
11:50 AM	1.78	0.80	0.042	
11:55 AM	1.46	0.47	0.019	
12:00 PM	1.58	1.44	0.064	0.00
12:05 PM	1.86	0.66	0.037	
12:10 PM	2.02	1.04	0.066	
12:15 PM	2.08	0.84	0.056	0.00
12:20 PM	1.83	0.53	0.029	
12:25 PM	1.74	0.65	0.033	
12:30 PM	1.73	0.64	0.033	0.00
12:35 PM	1.82	0.77	0.042	
12:40 PM	1.82	0.47	0.026	
12:45 PM	1.68	0.67	0.033	0.00
12:50 PM	1.75	0.63	0.033	
12:55 PM	1.63	1.22	0.057	
1:00 PM	1.55	1.18	0.051	0.00
1:05 PM	1.48	0.48	0.020	
1:10 PM	1.73	0.74	0.038	
1:15 PM	2.05	1.05	0.069	0.00
1:20 PM	1.90	0.68	0.040	
1:25 PM	2.01	0.80	0.051	
1:30 PM	1.69	0.37	0.018	0.00
1:35 PM	1.71	0.63	0.031	
1:40 PM	1.84	0.87	0.048	
1:45 PM	1.94	1.02	0.061	0.00
1:50 PM	1.86	0.59	0.034	
1:55 PM	1.55	0.51	0.022	
2:00 PM	1.31	0.57	0.019	0.00
2:05 PM	1.33	0.93	0.032	
2:10 PM	1.52	0.93	0.039	
2:15 PM	2.00	0.87	0.055	0.00
2:20 PM	1.59	0.69	0.031	
2:25 PM	1.41	0.70	0.026	
2:30 PM	1.54	1.52	0.065	0.00
2:35 PM	1.68	1.31	0.064	
2:40 PM	1.90	1.00	0.058	
2:45 PM	1.87	1.00	0.057	0.00
2:50 PM	2.07	1.51	0.100	
2:55 PM	1.86	0.92	0.052	
3:00 PM	1.75	1.02	0.053	0.00
3:05 PM	1.65	0.83	0.039	
3:10 PM	1.71	0.92	0.046	
3:15 PM	2.05	0.73	0.047	0.00
3:20 PM	1.77	0.72	0.038	
3:25 PM	1.64	1.18	0.055	
3:30 PM	1.41	0.59	0.022	0.00
3:35 PM	1.81	1.44	0.078	
3:40 PM	1.80	0.74	0.040	

3:45 PM	1.53	0.36	0.015	0.00
3:50 PM	1.43	0.73	0.028	
3:55 PM	1.43	1.08	0.042	
4:00 PM	1.40	0.51	0.019	0.00
4:05 PM	1.58	1.52	0.068	
4:10 PM	1.98	0.77	0.048	
4:15 PM	1.63	0.58	0.027	0.00
4:20 PM	1.53	0.73	0.031	
4:25 PM	1.91	1.46	0.086	
4:30 PM	1.89	1.15	0.066	0.00
4:35 PM	1.80	0.63	0.034	
4:40 PM	1.66	0.61	0.029	
4:45 PM	1.61	0.74	0.034	0.00
4:50 PM	1.95	0.62	0.037	
4:55 PM	1.68	0.65	0.032	
5:00 PM	1.94	0.50	0.030	0.00
5:05 PM	2.32	2.34	0.182	
5:10 PM	1.64	0.76	0.035	
5:15 PM	0.99	0.67	0.015	0.00
5:20 PM	0.86	0.64	0.012	
5:25 PM	1.60	1.34	0.061	
5:30 PM	2.00	1.33	0.083	0.00
5:35 PM	1.76	0.81	0.042	
5:40 PM	2.03	1.58	0.101	
5:45 PM	2.03	1.54	0.099	0.00
5:50 PM	1.91	1.15	0.068	
5:55 PM	1.79	1.48	0.079	
6:00 PM	1.81	0.75	0.041	0.00
6:05 PM	1.92	1.45	0.086	
6:10 PM	1.70	0.50	0.025	
6:15 PM	1.75	0.79	0.041	0.00
6:20 PM	1.91	0.93	0.055	
6:25 PM	1.80	0.80	0.043	
6:30 PM	1.69	0.47	0.023	0.00
6:35 PM	1.61	0.79	0.036	
6:40 PM	1.52	0.58	0.025	
6:45 PM	1.64	1.42	0.067	0.00
6:50 PM	1.73	0.69	0.035	
6:55 PM	1.74	0.70	0.036	
7:00 PM	1.73	0.66	0.034	0.00
7:05 PM	1.67	0.75	0.036	
7:10 PM	1.69	1.23	0.060	
7:15 PM	1.73	0.51	0.026	0.00
7:20 PM	1.63	0.49	0.023	
7:25 PM	1.60	0.57	0.026	
7:30 PM	1.63	0.78	0.036	0.00
7:35 PM	1.63	0.63	0.029	
7:40 PM	1.93	0.73	0.044	
7:45 PM	1.80	0.72	0.039	0.00
7:50 PM	1.97	1.53	0.094	
7:55 PM	1.58	0.44	0.019	

8:00 PM	0.97	0.57	0.012	0.00
8:05 PM	0.66	0.43	0.005	
8:10 PM	0.84	0.58	0.010	
8:15 PM	1.04	0.57	0.014	0.00
8:20 PM	1.78	0.69	0.037	
8:25 PM	1.66	0.49	0.023	
8:30 PM	1.60	0.44	0.020	0.00
8:35 PM	1.57	0.50	0.022	
8:40 PM	1.67	0.73	0.035	
8:45 PM	2.08	0.77	0.051	0.00
8:50 PM	1.80	1.03	0.056	
8:55 PM	2.09	1.60	0.107	
9:00 PM	1.46	0.55	0.022	0.00
9:05 PM	1.46	0.60	0.024	
9:10 PM	1.78	1.57	0.083	
9:15 PM	1.90	1.25	0.073	0.00
9:20 PM	1.72	1.32	0.067	
9:25 PM	1.49	0.81	0.033	
9:30 PM	1.43	1.01	0.039	0.00
9:35 PM	1.44	1.41	0.055	
9:40 PM	1.53	0.88	0.037	
9:45 PM	1.60	0.53	0.024	0.00
9:50 PM	1.50	0.40	0.016	
9:55 PM	1.18	0.46	0.013	
10:00 PM	0.93	0.69	0.014	0.00
10:05 PM	1.53	0.66	0.028	
10:10 PM	1.48	0.57	0.023	
10:15 PM	1.12	0.77	0.021	0.00
10:20 PM	1.45	0.58	0.023	
10:25 PM	1.48	0.81	0.033	
10:30 PM	1.10	1.46	0.038	0.00
10:35 PM	0.74	0.61	0.009	
10:40 PM	1.10	1.50	0.039	
10:45 PM	1.17	0.34	0.010	0.00
10:50 PM	1.03	0.40	0.009	
10:55 PM	0.64	0.65	0.008	
11:00 PM	0.35	0.23	0.001	0.00
11:05 PM	0.28	0.39	0.001	
11:10 PM	0.30	0.32	0.001	
11:15 PM	0.38	0.35	0.002	0.00
11:20 PM	0.44	0.35	0.002	
11:25 PM	0.42	0.23	0.001	
11:30 PM	1.05	0.45	0.011	0.00
11:35 PM	1.42	0.33	0.013	
11:40 PM	1.08	0.27	0.007	
11:45 PM	0.82	0.33	0.006	0.00
11:50 PM	0.68	0.28	0.004	
11:55 PM	0.64	0.18	0.002	
6/8/2023 12:00 AM	0.59	0.32	0.003	0.00
12:05 AM	0.64	0.24	0.003	
12:10 AM	0.71	0.26	0.004	

12:15 AM	0.75	0.38	0.006	0.00
12:20 AM	0.84	0.62	0.011	
12:25 AM	0.91	0.37	0.007	
12:30 AM	1.16	0.15	0.004	0.00
12:35 AM	0.89	0.23	0.004	
12:40 AM	0.68	0.29	0.004	
12:45 AM	0.66	0.43	0.005	0.00
12:50 AM	0.64	0.32	0.004	
12:55 AM	0.74	0.43	0.006	
1:00 AM	0.59	0.40	0.004	0.00
1:05 AM	0.65	0.27	0.003	
1:10 AM	1.10	1.20	0.031	
1:15 AM	0.75	1.52	0.022	0.00
1:20 AM	1.16	0.48	0.014	
1:25 AM	0.98	0.36	0.008	
1:30 AM	0.71	0.32	0.004	0.00
1:35 AM	0.61	0.08	0.001	
1:40 AM	0.72	0.51	0.007	
1:45 AM	0.79	0.23	0.004	0.00
1:50 AM	0.74	0.16	0.002	
1:55 AM	0.80	0.62	0.010	
2:00 AM	0.76	0.21	0.003	0.00
2:05 AM	0.83	0.22	0.004	
2:10 AM	1.20	0.69	0.020	
2:15 AM	1.18	0.42	0.012	0.00
2:20 AM	1.00	0.17	0.004	
2:25 AM	0.75	0.33	0.005	
2:30 AM	0.78	0.32	0.005	0.00
2:35 AM	0.69	0.57	0.007	
2:40 AM	0.62	0.14	0.002	
2:45 AM	0.65	0.43	0.005	0.00
2:50 AM	0.69	0.35	0.005	
2:55 AM	0.66	0.22	0.003	
3:00 AM	0.71	0.29	0.004	0.00
3:05 AM	1.19	0.49	0.014	
3:10 AM	1.51	0.45	0.019	
3:15 AM	1.11	0.35	0.009	0.00
3:20 AM	0.97	0.19	0.004	
3:25 AM	1.00	0.14	0.003	
3:30 AM	0.90	0.36	0.007	0.00
3:35 AM	0.98	0.38	0.008	
3:40 AM	0.95	0.29	0.006	
3:45 AM	1.08	0.33	0.008	0.00
3:50 AM	1.16	0.86	0.024	
3:55 AM	1.33	0.46	0.016	
4:00 AM	1.11	0.52	0.014	0.00
4:05 AM	0.73	0.16	0.002	
4:10 AM	0.67	0.25	0.003	
4:15 AM	0.58	0.28	0.003	0.00
4:20 AM	0.56	0.39	0.004	
4:25 AM	0.50	0.15	0.001	

4:30 AM	0.59	0.36	0.004	0.00
4:35 AM	0.59	0.23	0.002	
4:40 AM	0.58	0.21	0.002	
4:45 AM	0.61	0.37	0.004	0.00
4:50 AM	0.59	0.18	0.002	
4:55 AM	0.94	0.41	0.008	
5:00 AM	1.07	0.33	0.008	0.00
5:05 AM	0.72	0.11	0.002	
5:10 AM	0.67	0.23	0.003	
5:15 AM	0.58	0.32	0.003	0.00
5:20 AM	0.49	0.16	0.001	
5:25 AM	0.57	0.54	0.005	
5:30 AM	0.52	0.29	0.002	0.00
5:35 AM	0.56	0.33	0.003	
5:40 AM	0.56	0.47	0.004	
5:45 AM	0.51	0.28	0.002	0.00
5:50 AM	0.93	0.15	0.003	
5:55 AM	1.07	0.67	0.017	
6:00 AM	0.76	0.34	0.005	0.00
6:05 AM	0.66	0.21	0.003	
6:10 AM	0.54	0.18	0.002	
6:15 AM	0.54	0.44	0.004	0.00
6:20 AM	0.49	0.17	0.001	
6:25 AM	0.49	0.50	0.004	
6:30 AM	0.50	0.43	0.004	0.00
6:35 AM	0.62	0.45	0.005	
6:40 AM	0.58	0.44	0.004	
6:45 AM	1.13	0.45	0.012	0.00
6:50 AM	1.12	0.22	0.006	
6:55 AM	0.99	0.30	0.007	
7:00 AM	0.90	0.60	0.011	0.00
7:05 AM	0.75	0.17	0.002	
7:10 AM	0.93	0.93	0.019	
7:15 AM	1.05	0.33	0.008	0.00
7:20 AM	1.15	0.37	0.010	
7:25 AM	1.14	0.32	0.009	
7:30 AM	1.15	0.32	0.009	0.00
7:35 AM	1.10	0.23	0.006	
7:40 AM	1.35	0.54	0.019	
7:45 AM	1.29	0.41	0.014	0.00
7:50 AM	1.15	0.28	0.008	
7:55 AM	1.23	0.45	0.014	
8:00 AM	1.34	0.19	0.007	0.00
8:05 AM	1.10	0.35	0.009	
8:10 AM	1.29	0.53	0.018	
8:15 AM	1.20	0.27	0.008	0.00
8:20 AM	1.36	0.78	0.028	
8:25 AM	1.28	0.28	0.009	
8:30 AM	1.51	0.41	0.017	0.00
8:35 AM	1.00	0.38	0.009	
8:40 AM	1.32	0.69	0.024	

8:45 AM	1.28	0.38	0.013	0.00
8:50 AM	1.39	0.45	0.017	
8:55 AM	1.43	0.54	0.021	
9:00 AM	1.64	0.67	0.031	0.00
9:05 AM	2.01	1.41	0.089	
9:10 AM	1.48	0.56	0.023	
9:15 AM	1.09	0.56	0.014	0.00
9:20 AM	1.14	0.46	0.013	
9:25 AM	1.40	0.48	0.018	
9:30 AM	1.59	0.96	0.043	0.00
9:35 AM	1.81	0.52	0.028	
9:40 AM	1.65	0.55	0.026	
9:45 AM	1.85	0.59	0.033	0.00
9:50 AM	1.95	0.42	0.025	
9:55 AM	2.01	0.56	0.036	
10:00 AM	1.74	0.43	0.022	0.00
10:05 AM	1.80	0.61	0.033	
10:10 AM	1.60	0.68	0.031	
10:15 AM	2.04	1.42	0.092	0.00
10:20 AM	2.03	0.60	0.039	
10:25 AM	1.99	1.04	0.065	
10:30 AM	1.78	0.64	0.034	0.00
10:35 AM	1.94	0.75	0.045	
10:40 AM	1.75	0.72	0.037	
10:45 AM	1.97	0.81	0.050	0.00
10:50 AM	1.61	0.76	0.035	
10:55 AM	1.75	0.78	0.041	
11:00 AM	1.86	0.66	0.037	0.00
11:05 AM	2.01	0.79	0.050	
11:10 AM	1.97	1.05	0.064	
11:15 AM	1.72	1.04	0.053	0.00
11:20 AM	1.94	0.98	0.059	
11:25 AM	1.98	0.59	0.037	
11:30 AM	2.01	1.22	0.077	0.00
11:35 AM	2.01	1.03	0.066	
11:40 AM	2.05	0.72	0.047	
11:45 AM	1.91	0.86	0.051	0.00
11:50 AM	2.20	1.34	0.097	
11:55 AM	1.92	0.74	0.044	
12:00 PM	1.97	0.51	0.032	0.00
12:05 PM	1.63	1.01	0.047	
12:10 PM	1.76	0.77	0.040	
12:15 PM	2.06	1.20	0.079	0.00
12:20 PM	1.95	0.72	0.043	
12:25 PM	2.06	1.03	0.068	
12:30 PM	1.55	1.07	0.046	0.00
12:35 PM	1.91	1.07	0.063	
12:40 PM	1.76	0.99	0.051	
12:45 PM	2.03	1.31	0.084	0.00
12:50 PM	1.92	0.79	0.047	
12:55 PM	2.01	0.83	0.053	

1:00 PM	2.07	1.39	0.092	0.00
1:05 PM	1.87	1.06	0.060	
1:10 PM	2.13	1.39	0.096	
1:15 PM	2.09	1.20	0.081	0.00
1:20 PM	2.17	1.43	0.101	
1:25 PM	2.08	0.70	0.046	
1:30 PM	1.93	1.18	0.070	0.00
1:35 PM	2.09	1.33	0.089	
1:40 PM	2.19	1.20	0.086	
1:45 PM	1.77	1.32	0.069	0.00
1:50 PM	1.53	0.68	0.029	
1:55 PM	1.57	0.55	0.024	
2:00 PM	1.75	1.43	0.074	0.00
2:05 PM	1.77	0.96	0.051	
2:10 PM	1.81	0.90	0.049	
2:15 PM	2.10	1.11	0.075	0.00
2:20 PM	1.75	1.12	0.058	
2:25 PM	1.56	0.81	0.035	
2:30 PM	1.46	0.63	0.025	0.00
2:35 PM	1.57	0.84	0.037	
2:40 PM	1.55	0.78	0.034	
2:45 PM	2.13	1.00	0.069	0.00
2:50 PM	1.88	0.94	0.054	
2:55 PM	1.78	0.67	0.036	
3:00 PM	1.87	1.16	0.066	0.00
3:05 PM	1.96	0.59	0.036	
3:10 PM	2.01	0.41	0.026	
3:15 PM	1.96	0.54	0.033	0.00
3:20 PM	2.04	0.93	0.060	
3:25 PM	1.99	0.88	0.055	
3:30 PM	1.87	0.98	0.056	0.00
3:35 PM	1.82	0.57	0.031	
3:40 PM	1.97	0.82	0.050	
3:45 PM	2.01	0.82	0.052	0.00
3:50 PM	1.91	0.55	0.033	
3:55 PM	2.28	1.52	0.115	
4:00 PM	1.80	0.60	0.032	0.00
4:05 PM	1.70	0.54	0.027	
4:10 PM	1.59	0.57	0.026	
4:15 PM	1.53	0.53	0.022	0.00
4:20 PM	1.51	0.89	0.037	
4:25 PM	1.98	0.65	0.040	
4:30 PM	1.93	0.57	0.034	0.00
4:35 PM	1.84	0.79	0.044	
4:40 PM	1.88	0.99	0.057	
4:45 PM	1.83	0.40	0.022	0.00
4:50 PM	1.66	0.55	0.026	
4:55 PM	1.54	0.51	0.022	
5:00 PM	1.54	0.83	0.036	0.00
5:05 PM	1.69	0.77	0.038	
5:10 PM	1.68	1.17	0.057	

5:15 PM	1.72	0.46	0.023	0.00
5:20 PM	1.88	0.92	0.053	
5:25 PM	2.03	0.63	0.041	
5:30 PM	1.94	0.87	0.052	0.00
5:35 PM	1.89	1.49	0.086	
5:40 PM	1.84	0.67	0.037	
5:45 PM	1.69	0.41	0.020	0.00
5:50 PM	1.82	0.49	0.027	
5:55 PM	1.69	0.31	0.015	
6:00 PM	1.46	0.45	0.018	0.00
6:05 PM	1.40	0.50	0.019	
6:10 PM	1.61	0.58	0.027	
6:15 PM	1.86	0.79	0.044	0.00
6:20 PM	1.67	0.67	0.032	
6:25 PM	1.64	1.34	0.063	
6:30 PM	1.42	0.54	0.020	0.00
6:35 PM	1.44	0.63	0.025	
6:40 PM	1.52	0.43	0.018	
6:45 PM	1.70	0.63	0.031	0.00
6:50 PM	1.85	0.57	0.032	
6:55 PM	1.78	0.53	0.028	
7:00 PM	1.66	0.56	0.027	0.00
7:05 PM	1.53	0.49	0.021	
7:10 PM	1.40	0.51	0.019	
7:15 PM	1.55	0.71	0.031	0.00
7:20 PM	1.70	0.57	0.028	
7:25 PM	1.76	0.43	0.022	
7:30 PM	1.80	1.50	0.081	0.00
7:35 PM	1.83	0.77	0.042	
7:40 PM	1.89	0.29	0.017	
7:45 PM	1.95	0.49	0.030	0.00
7:50 PM	1.48	0.77	0.031	
7:55 PM	1.29	0.85	0.028	
8:00 PM	1.20	0.67	0.020	0.00
8:05 PM	1.21	0.66	0.020	
8:10 PM	1.52	1.02	0.043	
8:15 PM	2.36	1.32	0.105	0.00
8:20 PM	1.94	0.94	0.057	
8:25 PM	1.87	0.67	0.038	
8:30 PM	1.78	1.36	0.072	0.00
8:35 PM	2.06	1.33	0.087	
8:40 PM	1.88	0.56	0.032	
8:45 PM	2.09	1.36	0.091	0.00
8:50 PM	1.55	0.52	0.022	
8:55 PM	1.42	0.57	0.021	
9:00 PM	1.40	0.48	0.018	0.00
9:05 PM	1.87	0.66	0.037	
9:10 PM	6.52	5.95	1.966	
9:15 PM	3.70	6.68	1.015	0.00
9:20 PM	3.82	7.05	1.123	
9:25 PM	4.20	6.61	1.202	

	9:30 PM	4.31	6.56	1.236	0.00
	9:35 PM	4.95	7.18	1.638	
	9:40 PM	5.18	7.20	1.746	
	9:45 PM	4.73	5.94	1.275	0.00
	9:50 PM	4.44	7.16	1.404	
	9:55 PM	6.09	7.66	2.315	
	10:00 PM	5.24	7.39	1.825	0.00
	10:05 PM	4.94	7.51	1.706	
	10:10 PM	5.06	7.64	1.796	
	10:15 PM	4.87	7.66	1.710	0.00
	10:20 PM	4.58	7.61	1.560	
	10:25 PM	4.29	6.97	1.307	
	10:30 PM	4.38	7.45	1.438	0.00
	10:35 PM	4.10	7.42	1.305	
	10:40 PM	3.62	7.24	1.068	
	10:45 PM	4.14	7.57	1.347	0.00
	10:50 PM	3.72	7.58	1.164	
	10:55 PM	4.05	7.50	1.298	
	11:00 PM	3.85	7.63	1.226	0.00
	11:05 PM	3.95	7.67	1.278	
	11:10 PM	3.97	7.54	1.265	
	11:15 PM	3.60	7.52	1.103	0.00
	11:20 PM	3.77	7.52	1.174	
	11:25 PM	3.83	7.61	1.214	
	11:30 PM	3.78	7.62	1.196	0.00
	11:35 PM	3.30	6.71	0.867	
	11:40 PM	3.80	7.60	1.200	
	11:45 PM	3.85	7.57	1.219	0.00
	11:50 PM	3.80	7.61	1.203	
	11:55 PM	3.83	7.55	1.204	
6/9/2023	12:00 AM	3.77	7.58	1.183	0.00
	12:05 AM	4.13	7.79	1.384	
	12:10 AM	4.03	7.65	1.313	
	12:15 AM	3.74	7.63	1.176	0.00
	12:20 AM	3.87	7.60	1.231	
	12:25 AM	3.71	7.60	1.161	
	12:30 AM	3.92	7.56	1.246	0.00
	12:35 AM	3.55	7.62	1.094	
	12:40 AM	3.70	7.63	1.159	
	12:45 AM	3.73	7.59	1.167	0.00
	12:50 AM	3.79	7.60	1.195	
	12:55 AM	3.95	7.64	1.275	
	1:00 AM	4.13	7.64	1.355	0.00
	1:05 AM	3.75	7.64	1.182	
	1:10 AM	3.55	7.57	1.088	
	1:15 AM	3.77	7.62	1.192	0.00
	1:20 AM	3.64	7.64	1.134	
	1:25 AM	4.08	7.56	1.318	
	1:30 AM	3.93	7.55	1.252	0.00
	1:35 AM	3.97	7.64	1.284	
	1:40 AM	4.03	7.66	1.315	

1:45 AM	4.07	7.68	1.335	0.00
1:50 AM	4.17	7.71	1.386	
1:55 AM	2.45	6.57	0.555	
2:00 AM	2.48	6.52	0.560	0.00
2:05 AM	2.43	6.15	0.512	
2:10 AM	2.04	4.98	0.322	
2:15 AM	2.01	2.31	0.147	0.00
2:20 AM	1.63	1.53	0.071	
2:25 AM	1.71	1.67	0.083	
2:30 AM	1.49	1.57	0.064	0.00
2:35 AM	1.40	1.48	0.055	
2:40 AM	1.17	0.77	0.022	
2:45 AM	1.04	0.72	0.017	0.00
2:50 AM	1.05	0.54	0.013	
2:55 AM	0.99	0.42	0.009	
3:00 AM	1.04	0.68	0.016	0.00
3:05 AM	1.01	0.49	0.011	
3:10 AM	1.05	0.66	0.016	
3:15 AM	0.88	0.43	0.008	0.00
3:20 AM	1.09	0.36	0.009	
3:25 AM	1.01	0.56	0.013	
3:30 AM	1.12	0.89	0.024	0.00
3:35 AM	0.95	0.37	0.008	
3:40 AM	1.01	0.29	0.007	
3:45 AM	1.18	0.89	0.026	0.00
3:50 AM	0.92	0.28	0.006	
3:55 AM	0.77	0.43	0.007	
4:00 AM	0.83	0.36	0.006	0.00
4:05 AM	1.01	0.47	0.011	
4:10 AM	0.87	0.37	0.007	
4:15 AM	1.13	0.49	0.013	0.00
4:20 AM	1.09	0.39	0.010	
4:25 AM	1.11	0.59	0.016	
4:30 AM	1.13	0.18	0.005	0.00
4:35 AM	1.09	0.24	0.006	
4:40 AM	1.09	0.28	0.007	
4:45 AM	0.70	0.42	0.006	0.00
4:50 AM	1.06	0.27	0.007	
4:55 AM	1.06	0.30	0.007	
5:00 AM	0.78	0.34	0.005	0.00
5:05 AM	1.18	0.26	0.007	
5:10 AM	1.10	0.30	0.008	
5:15 AM	0.70	0.38	0.005	0.00
5:20 AM	1.32	0.61	0.021	
5:25 AM	1.24	0.40	0.012	
5:30 AM	1.04	0.25	0.006	0.00
5:35 AM	1.23	0.48	0.015	
5:40 AM	1.22	0.61	0.018	
5:45 AM	1.21	0.40	0.012	0.00
5:50 AM	1.06	0.26	0.006	
5:55 AM	1.36	0.35	0.012	

6:00 AM	1.39	0.68	0.025	0.00
6:05 AM	1.29	0.50	0.017	
6:10 AM	1.10	0.42	0.011	
6:15 AM	1.31	0.58	0.019	0.00
6:20 AM	1.22	0.58	0.018	
6:25 AM	1.26	0.58	0.019	
6:30 AM	1.35	0.62	0.022	0.00
6:35 AM	1.19	0.22	0.006	
6:40 AM	1.03	0.29	0.007	
6:45 AM	1.26	0.64	0.021	0.00
6:50 AM	1.15	0.34	0.010	
6:55 AM	1.29	0.56	0.018	
7:00 AM	1.26	0.24	0.008	0.00
7:05 AM	1.10	0.28	0.007	
7:10 AM	1.39	0.52	0.019	
7:15 AM	1.52	0.59	0.025	0.00
7:20 AM	1.26	0.71	0.023	
7:25 AM	1.07	0.41	0.010	
7:30 AM	1.29	0.57	0.019	0.00
7:35 AM	1.36	0.46	0.016	
7:40 AM	1.28	0.67	0.022	
7:45 AM	1.18	0.53	0.015	0.00
7:50 AM	1.32	0.54	0.019	
7:55 AM	1.30	0.53	0.018	
8:00 AM	1.13	0.43	0.012	0.00
8:05 AM	1.16	0.40	0.011	
8:10 AM	1.19	0.45	0.013	
8:15 AM	1.15	0.45	0.013	0.00
8:20 AM	1.11	0.30	0.008	
8:25 AM	1.33	0.53	0.018	
8:30 AM	1.27	0.57	0.018	0.00
8:35 AM	1.12	0.36	0.010	
8:40 AM	1.09	0.38	0.010	
8:45 AM	1.07	0.31	0.008	0.00
8:50 AM	1.00	0.31	0.007	
8:55 AM	1.10	0.30	0.008	
9:00 AM	2.10	1.57	0.105	0.00
9:05 AM	1.33	0.58	0.020	
9:10 AM	1.31	0.58	0.020	
9:15 AM	1.29	0.47	0.016	0.00
9:20 AM	1.27	0.43	0.014	
9:25 AM	1.34	0.62	0.022	
9:30 AM	1.27	0.40	0.013	0.00
9:35 AM	1.28	0.55	0.018	
9:40 AM	1.14	0.35	0.010	
9:45 AM	1.36	0.62	0.022	0.00
9:50 AM	1.43	0.62	0.024	
9:55 AM	1.34	0.57	0.020	
10:00 AM	1.34	0.59	0.021	0.00
10:05 AM	1.34	0.49	0.017	
10:10 AM	1.50	0.50	0.021	

10:15 AM	1.51	0.71	0.030	0.00
10:20 AM	1.52	0.69	0.029	
10:25 AM	1.43	0.44	0.017	
10:30 AM	1.38	0.49	0.018	0.00
10:35 AM	1.32	0.50	0.017	
10:40 AM	1.57	0.80	0.036	
10:45 AM	1.55	0.70	0.030	0.00
10:50 AM	1.54	0.76	0.033	
10:55 AM	1.39	0.58	0.021	
11:00 AM	1.36	0.59	0.021	0.00
11:05 AM	1.34	0.58	0.020	
11:10 AM	1.34	0.66	0.023	
11:15 AM	1.36	0.62	0.022	0.00
11:20 AM	1.72	0.88	0.045	
11:25 AM	1.31	0.60	0.020	
11:30 AM	1.30	0.58	0.020	0.00
11:35 AM	1.31	0.52	0.017	
11:40 AM	1.57	0.66	0.029	
11:45 AM	1.30	0.56	0.019	0.00
11:50 AM	1.25	0.55	0.017	
11:55 AM	1.46	0.67	0.027	
12:00 PM	1.30	0.56	0.019	0.00
12:05 PM	1.49	0.69	0.028	
12:10 PM	1.77	1.36	0.072	
12:15 PM	1.62	0.76	0.035	0.00
12:20 PM	1.62	0.84	0.039	
12:25 PM	1.56	0.91	0.040	
12:30 PM	1.51	0.49	0.020	0.00
12:35 PM	1.60	0.61	0.028	
12:40 PM	1.51	0.66	0.028	
12:45 PM	1.63	0.82	0.038	0.00
12:50 PM	1.57	0.74	0.032	
12:55 PM	1.60	0.77	0.035	
1:00 PM	1.58	0.64	0.028	0.00
1:05 PM	1.49	0.57	0.023	
1:10 PM	1.50	0.65	0.027	
1:15 PM	1.62	0.70	0.032	0.00
1:20 PM	1.63	0.85	0.040	
1:25 PM	1.62	0.87	0.040	
1:30 PM	1.49	0.66	0.027	0.00
1:35 PM	1.34	0.59	0.021	
1:40 PM	1.81	1.46	0.079	
1:45 PM	1.74	0.49	0.025	0.00
1:50 PM	1.59	0.57	0.026	
1:55 PM	1.50	0.44	0.018	
2:00 PM	1.64	0.70	0.033	0.00
2:05 PM	1.78	1.09	0.058	
2:10 PM	1.83	1.03	0.057	
2:15 PM	1.64	0.77	0.036	0.00
2:20 PM	1.52	0.60	0.025	
2:25 PM	1.49	0.43	0.018	

2:30 PM	1.44	0.48	0.018	0.00
2:35 PM	1.52	0.48	0.020	
2:40 PM	1.57	0.48	0.021	
2:45 PM	1.59	0.54	0.024	0.00
2:50 PM	1.64	0.65	0.031	
2:55 PM	1.51	0.54	0.023	
3:00 PM	1.53	0.69	0.029	0.00
3:05 PM	1.40	0.47	0.017	
3:10 PM	1.55	0.55	0.024	
3:15 PM	1.56	0.67	0.029	0.00
3:20 PM	1.43	0.45	0.017	
3:25 PM	1.58	0.79	0.035	
3:30 PM	1.50	0.49	0.020	0.00
3:35 PM	1.52	0.51	0.021	
3:40 PM	1.50	0.45	0.019	
3:45 PM	1.34	0.35	0.012	0.00
3:50 PM	1.43	0.46	0.018	
3:55 PM	1.59	0.91	0.041	
4:00 PM	1.62	0.60	0.028	0.00
4:05 PM	1.51	0.43	0.018	
4:10 PM	1.55	0.58	0.025	
4:15 PM	1.55	0.62	0.027	0.00
4:20 PM	1.64	0.58	0.027	
4:25 PM	1.54	0.42	0.018	
4:30 PM	1.56	0.71	0.031	0.00
4:35 PM	1.51	0.35	0.014	
4:40 PM	1.63	0.61	0.028	
4:45 PM	1.52	0.53	0.022	0.00
4:50 PM	1.56	0.60	0.026	
4:55 PM	2.00	1.17	0.073	
5:00 PM	2.09	1.31	0.088	0.00
5:05 PM	1.65	0.56	0.027	
5:10 PM	1.78	0.61	0.032	
5:15 PM	1.84	0.89	0.049	0.00
5:20 PM	1.75	0.65	0.034	
5:25 PM	1.89	0.72	0.041	
5:30 PM	1.80	0.68	0.037	0.00
5:35 PM	1.78	0.51	0.027	
5:40 PM	1.63	0.52	0.024	
5:45 PM	1.73	0.77	0.039	0.00
5:50 PM	1.69	0.67	0.033	
5:55 PM	1.73	1.08	0.055	
6:00 PM	1.69	0.70	0.035	0.00
6:05 PM	1.69	0.53	0.026	
6:10 PM	1.59	0.74	0.033	
6:15 PM	1.78	0.77	0.041	0.00
6:20 PM	1.91	0.90	0.053	
6:25 PM	1.82	0.69	0.038	
6:30 PM	1.99	0.85	0.053	0.00
6:35 PM	1.71	0.70	0.035	
6:40 PM	1.65	0.61	0.029	

6:45 PM	1.69	0.67	0.033	0.00
6:50 PM	1.68	0.72	0.035	
6:55 PM	2.08	1.29	0.086	
7:00 PM	1.73	0.76	0.039	0.00
7:05 PM	1.65	0.60	0.029	
7:10 PM	1.74	0.72	0.037	
7:15 PM	1.64	0.69	0.032	0.00
7:20 PM	1.76	0.62	0.033	
7:25 PM	1.66	0.69	0.033	
7:30 PM	2.05	1.41	0.092	0.00
7:35 PM	1.98	1.21	0.075	
7:40 PM	1.76	0.90	0.047	
7:45 PM	1.82	0.83	0.045	0.00
7:50 PM	1.54	0.63	0.027	
7:55 PM	1.72	0.65	0.033	
8:00 PM	1.83	0.75	0.041	0.00
8:05 PM	1.66	0.64	0.031	
8:10 PM	1.77	0.85	0.045	
8:15 PM	1.64	0.48	0.023	0.00
8:20 PM	2.27	1.43	0.108	
8:25 PM	1.73	0.72	0.037	
8:30 PM	1.76	0.67	0.035	0.00
8:35 PM	1.83	1.08	0.060	
8:40 PM	1.87	0.86	0.049	
8:45 PM	1.62	0.60	0.028	0.00
8:50 PM	1.80	0.79	0.043	
8:55 PM	1.63	0.62	0.029	
9:00 PM	1.61	0.59	0.027	0.00
9:05 PM	1.69	0.49	0.024	
9:10 PM	1.74	0.70	0.036	
9:15 PM	1.90	1.31	0.076	0.00
9:20 PM	1.74	0.75	0.038	
9:25 PM	1.84	0.76	0.042	
9:30 PM	1.75	0.65	0.034	0.00
9:35 PM	1.59	0.63	0.029	
9:40 PM	1.62	0.47	0.021	
9:45 PM	1.75	1.03	0.053	0.00
9:50 PM	1.69	0.76	0.037	
9:55 PM	1.66	0.61	0.029	
10:00 PM	1.65	0.50	0.024	0.00
10:05 PM	1.70	0.62	0.031	
10:10 PM	1.77	0.70	0.037	
10:15 PM	1.47	0.29	0.012	0.00
10:20 PM	1.54	0.76	0.033	
10:25 PM	1.87	1.00	0.057	
10:30 PM	1.48	0.49	0.020	0.00
10:35 PM	1.42	0.64	0.024	
10:40 PM	1.46	0.58	0.023	
10:45 PM	1.20	0.29	0.008	0.00
10:50 PM	1.49	0.69	0.028	
10:55 PM	1.52	0.41	0.017	

	11:00 PM	1.41	0.28	0.011	0.00
	11:05 PM	1.74	0.67	0.034	
	11:10 PM	1.44	0.29	0.011	
	11:15 PM	1.32	0.19	0.006	0.00
	11:20 PM	1.21	0.04	0.001	
	11:25 PM	1.27	0.24	0.008	
	11:30 PM	1.32	0.31	0.011	0.00
	11:35 PM	1.31	0.23	0.008	
	11:40 PM	1.30	0.25	0.008	
	11:45 PM	1.24	0.23	0.007	0.00
	11:50 PM	1.36	0.26	0.009	
	11:55 PM	1.20	0.18	0.005	
6/10/2023	12:00 AM	1.21	0.21	0.006	0.00
	12:05 AM	1.13	0.22	0.006	
	12:10 AM	1.12	0.21	0.006	
	12:15 AM	1.07	0.22	0.005	0.00
	12:20 AM	1.39	0.32	0.012	
	12:25 AM	1.83	0.87	0.048	
	12:30 AM	1.37	0.34	0.012	0.00
	12:35 AM	1.43	0.33	0.013	
	12:40 AM	1.37	0.30	0.011	
	12:45 AM	2.28	1.44	0.110	0.00
	12:50 AM	1.72	0.66	0.033	
	12:55 AM	1.51	0.43	0.018	
	1:00 AM	1.43	0.25	0.010	0.00
	1:05 AM	1.38	0.30	0.011	
	1:10 AM	1.39	0.31	0.011	
	1:15 AM	1.24	0.33	0.010	0.00
	1:20 AM	1.53	0.58	0.025	
	1:25 AM	1.25	0.25	0.008	
	1:30 AM	1.13	0.21	0.006	0.00
	1:35 AM	1.02	0.21	0.005	
	1:40 AM	0.98	0.19	0.004	
	1:45 AM	1.09	0.18	0.005	0.00
	1:50 AM	1.31	0.29	0.010	
	1:55 AM	1.33	0.30	0.010	
	2:00 AM	1.36	0.36	0.013	0.00
	2:05 AM	1.33	0.25	0.009	
	2:10 AM	1.24	0.21	0.007	
	2:15 AM	1.33	0.25	0.009	0.00
	2:20 AM	1.41	0.31	0.012	
	2:25 AM	0.83	0.14	0.002	
	2:30 AM	0.77	0.20	0.003	0.00
	2:35 AM	0.41	0.17	0.001	
	2:40 AM	0.43	0.19	0.001	
	2:45 AM	0.46	0.28	0.002	0.00
	2:50 AM	0.85	0.16	0.003	
	2:55 AM	0.55	0.16	0.001	
	3:00 AM	1.09	0.23	0.006	0.00
	3:05 AM	0.96	0.20	0.004	
	3:10 AM	1.55	0.45	0.019	

3:15 AM	1.96	0.98	0.060	0.00
3:20 AM	1.22	0.17	0.005	
3:25 AM	1.39	0.29	0.011	
3:30 AM	1.29	0.24	0.008	0.00
3:35 AM	1.21	0.23	0.007	
3:40 AM	1.16	0.17	0.005	
3:45 AM	1.16	0.18	0.005	0.00
3:50 AM	1.17	0.19	0.005	
3:55 AM	1.15	0.19	0.005	
4:00 AM	1.14	0.17	0.005	0.00
4:05 AM	1.08	0.23	0.006	
4:10 AM	0.89	0.14	0.003	
4:15 AM	0.96	0.16	0.003	0.00
4:20 AM	0.75	0.11	0.002	
4:25 AM	0.82	0.10	0.002	
4:30 AM	0.67	0.17	0.002	0.00
4:35 AM	0.63	0.08	0.001	
4:40 AM	0.70	0.14	0.002	
4:45 AM	1.00	0.21	0.005	0.00
4:50 AM	0.87	0.19	0.003	
4:55 AM	0.96	0.17	0.004	
5:00 AM	0.80	0.18	0.003	0.00
5:05 AM	0.79	0.18	0.003	
5:10 AM	1.01	0.20	0.005	
5:15 AM	0.81	0.16	0.003	0.00
5:20 AM	0.64	0.20	0.002	
5:25 AM	1.05	0.21	0.005	
5:30 AM	0.95	0.27	0.006	0.00
5:35 AM	0.82	0.19	0.003	
5:40 AM	0.98	0.14	0.003	
5:45 AM	1.11	0.17	0.005	0.00
5:50 AM	0.91	0.17	0.003	
5:55 AM	0.84	0.15	0.003	
6:00 AM	0.64	0.13	0.002	0.00
6:05 AM	0.96	0.22	0.005	
6:10 AM	0.94	0.19	0.004	
6:15 AM	1.06	0.20	0.005	0.00
6:20 AM	0.96	0.24	0.005	
6:25 AM	1.01	0.20	0.005	
6:30 AM	1.27	0.26	0.008	0.00
6:35 AM	1.18	0.20	0.006	
6:40 AM	1.26	0.34	0.011	
6:45 AM	1.39	0.55	0.020	0.00
6:50 AM	1.35	0.53	0.019	
6:55 AM	1.31	0.52	0.018	
7:00 AM	1.38	0.34	0.012	0.00
7:05 AM	1.15	0.20	0.006	
7:10 AM	1.04	0.14	0.003	
7:15 AM	1.21	0.21	0.006	0.00
7:20 AM	1.07	0.24	0.006	
7:25 AM	1.24	0.24	0.007	

7:30 AM	1.30	0.32	0.011	0.00
7:35 AM	1.33	0.27	0.009	
7:40 AM	1.23	0.22	0.007	
7:45 AM	1.33	0.26	0.009	0.00
7:50 AM	2.32	1.38	0.107	
7:55 AM	1.56	0.56	0.024	
8:00 AM	1.26	0.25	0.008	0.00
8:05 AM	1.39	0.36	0.013	
8:10 AM	1.52	0.44	0.018	
8:15 AM	1.25	0.23	0.007	0.00
8:20 AM	1.43	0.26	0.010	
8:25 AM	1.30	0.31	0.010	
8:30 AM	1.53	1.01	0.043	0.00
8:35 AM	0.87	0.54	0.010	
8:40 AM	0.56	0.28	0.003	
8:45 AM	1.02	0.61	0.014	0.00
8:50 AM	0.45	0.31	0.002	
8:55 AM	0.37	0.09	0.000	
9:00 AM	0.52	0.33	0.003	0.00
9:05 AM	0.61	0.37	0.004	
9:10 AM	1.16	0.34	0.009	
9:15 AM	0.40	0.17	0.001	0.00
9:20 AM	0.88	0.74	0.014	
9:25 AM	0.96	1.02	0.022	
9:30 AM	1.25	0.54	0.017	0.00
9:35 AM	1.61	1.35	0.062	
9:40 AM	0.84	0.56	0.010	
9:45 AM	1.26	0.27	0.009	0.00
9:50 AM	0.79	0.45	0.007	
9:55 AM	1.12	0.47	0.013	
10:00 AM	0.94	0.66	0.014	0.00
10:05 AM	1.09	0.40	0.010	
10:10 AM	1.11	0.53	0.014	
10:15 AM	1.35	1.00	0.035	0.00
10:20 AM	1.22	0.54	0.016	
10:25 AM	0.89	0.59	0.011	
10:30 AM	1.01	0.56	0.013	0.00
10:35 AM	1.31	0.36	0.012	
10:40 AM	1.18	0.66	0.019	
10:45 AM	0.94	0.61	0.012	0.00
10:50 AM	1.19	0.54	0.016	
10:55 AM	1.07	0.75	0.019	
11:00 AM	1.17	0.73	0.021	0.00
11:05 AM	1.26	0.62	0.020	
11:10 AM	1.09	0.52	0.013	
11:15 AM	0.97	0.56	0.012	0.00
11:20 AM	1.14	0.52	0.014	
11:25 AM	1.14	0.62	0.017	
11:30 AM	1.26	0.34	0.011	0.00
11:35 AM	1.25	0.39	0.012	
11:40 AM	1.37	0.48	0.017	

11:45 AM	1.29	0.73	0.024	0.00
11:50 AM	1.15	0.67	0.019	
11:55 AM	1.35	0.65	0.023	
12:00 PM	1.33	0.62	0.022	0.00
12:05 PM	1.42	0.57	0.022	
12:10 PM	1.35	0.69	0.024	
12:15 PM	1.31	0.79	0.027	0.00
12:20 PM	1.33	0.64	0.022	
12:25 PM	1.66	1.33	0.063	
12:30 PM	1.46	0.85	0.034	0.00
12:35 PM	1.40	0.44	0.017	
12:40 PM	1.31	0.72	0.024	
12:45 PM	1.41	0.72	0.027	0.00
12:50 PM	1.42	0.67	0.026	
12:55 PM	1.35	0.31	0.011	
1:00 PM	1.30	0.78	0.026	0.00
1:05 PM	1.42	0.59	0.022	
1:10 PM	1.34	0.61	0.021	
1:15 PM	1.36	0.44	0.016	0.00
1:20 PM	1.23	0.58	0.018	
1:25 PM	1.36	0.53	0.019	
1:30 PM	1.27	0.64	0.021	0.00
1:35 PM	1.21	0.50	0.015	
1:40 PM	1.09	0.36	0.009	
1:45 PM	1.27	0.65	0.021	0.00
1:50 PM	1.78	1.41	0.075	
1:55 PM	1.35	0.39	0.014	
2:00 PM	1.40	0.58	0.022	0.00
2:05 PM	1.46	0.66	0.026	
2:10 PM	1.25	0.68	0.021	
2:15 PM	1.32	0.53	0.018	0.00
2:20 PM	1.62	1.31	0.060	
2:25 PM	1.27	0.43	0.014	
2:30 PM	1.19	0.48	0.014	0.00
2:35 PM	1.14	0.71	0.020	
2:40 PM	1.04	0.83	0.020	
2:45 PM	1.18	0.33	0.009	0.00
2:50 PM	1.27	0.56	0.018	
2:55 PM	1.16	0.64	0.018	
3:00 PM	1.22	0.28	0.009	0.00
3:05 PM	1.29	0.54	0.018	
3:10 PM	1.07	0.68	0.017	
3:15 PM	1.16	0.81	0.023	0.00
3:20 PM	1.05	0.74	0.018	
3:25 PM	1.17	0.44	0.013	
3:30 PM	1.60	1.43	0.064	0.00
3:35 PM	1.33	0.73	0.025	
3:40 PM	1.34	0.38	0.013	
3:45 PM	1.07	0.39	0.010	0.00
3:50 PM	1.26	0.64	0.020	
3:55 PM	1.46	0.96	0.038	

4:00 PM	1.19	0.45	0.013	0.00
4:05 PM	1.39	0.84	0.031	
4:10 PM	1.12	0.48	0.013	
4:15 PM	1.15	0.53	0.015	0.00
4:20 PM	0.92	0.31	0.006	
4:25 PM	1.32	1.45	0.050	
4:30 PM	1.39	0.68	0.025	0.00
4:35 PM	2.00	1.60	0.101	
4:40 PM	1.18	0.50	0.014	
4:45 PM	1.18	0.48	0.014	0.00
4:50 PM	1.06	0.42	0.010	
4:55 PM	1.19	0.56	0.016	
5:00 PM	0.98	0.82	0.018	0.00
5:05 PM	1.11	0.73	0.019	
5:10 PM	0.71	0.81	0.011	
5:15 PM	1.62	1.35	0.062	0.00
5:20 PM	0.95	0.69	0.014	
5:25 PM	1.09	0.56	0.014	
5:30 PM	1.34	0.69	0.024	0.00
5:35 PM	1.57	1.48	0.065	
5:40 PM	1.36	0.59	0.021	
5:45 PM	1.24	0.40	0.013	0.00
5:50 PM	1.24	0.43	0.014	
5:55 PM	1.21	0.33	0.010	
6:00 PM	1.34	0.47	0.016	0.00
6:05 PM	1.41	0.64	0.024	
6:10 PM	1.26	0.49	0.016	
6:15 PM	1.04	0.35	0.009	0.00
6:20 PM	1.33	0.53	0.018	
6:25 PM	1.37	1.17	0.042	
6:30 PM	1.07	0.62	0.015	0.00
6:35 PM	1.88	1.58	0.091	
6:40 PM	1.28	0.22	0.007	
6:45 PM	1.10	0.69	0.018	0.00
6:50 PM	1.35	0.52	0.018	
6:55 PM	1.39	0.95	0.035	
7:00 PM	1.41	1.45	0.054	0.00
7:05 PM	1.19	0.64	0.019	
7:10 PM	1.28	0.83	0.027	
7:15 PM	1.29	0.80	0.026	0.00
7:20 PM	1.11	0.62	0.016	
7:25 PM	1.42	0.59	0.022	
7:30 PM	1.53	0.59	0.025	0.00
7:35 PM	1.47	1.12	0.045	
7:40 PM	1.10	0.44	0.012	
7:45 PM	1.24	0.70	0.022	0.00
7:50 PM	1.21	0.71	0.021	
7:55 PM	0.97	0.49	0.011	
8:00 PM	1.02	0.13	0.003	0.00
8:05 PM	0.98	0.49	0.011	
8:10 PM	1.08	0.57	0.014	

	8:15 PM	1.29	0.81	0.027	0.00
	8:20 PM	1.23	0.64	0.020	
	8:25 PM	1.08	0.55	0.014	
	8:30 PM	1.10	0.98	0.025	0.00
	8:35 PM	1.37	0.68	0.025	
	8:40 PM	1.31	0.33	0.011	
	8:45 PM	1.37	1.38	0.050	0.00
	8:50 PM	1.37	1.37	0.050	
	8:55 PM	1.41	1.44	0.055	
	9:00 PM	1.72	1.60	0.081	0.00
	9:05 PM	1.37	1.28	0.046	
	9:10 PM	1.19	0.94	0.027	
	9:15 PM	1.27	1.29	0.042	0.00
	9:20 PM	0.84	0.64	0.011	
	9:25 PM	1.59	0.93	0.042	
	9:30 PM	1.20	0.98	0.029	0.00
	9:35 PM	0.92	0.76	0.015	
	9:40 PM	1.00	0.87	0.020	
	9:45 PM	1.06	0.45	0.011	0.00
	9:50 PM	1.41	1.46	0.055	
	9:55 PM	0.76	0.27	0.004	
	10:00 PM	1.40	1.03	0.039	0.00
	10:05 PM	0.98	0.20	0.004	
	10:10 PM	1.33	1.05	0.036	
	10:15 PM	1.03	0.44	0.010	0.00
	10:20 PM	1.02	1.00	0.023	
	10:25 PM	0.69	0.35	0.005	
	10:30 PM	1.33	0.67	0.023	0.00
	10:35 PM	0.98	0.50	0.011	
	10:40 PM	1.31	1.14	0.038	
	10:45 PM	0.63	0.40	0.005	0.00
	10:50 PM	0.52	0.48	0.004	
	10:55 PM	0.71	0.50	0.007	
	11:00 PM	0.58	0.76	0.008	0.00
	11:05 PM	1.39	1.38	0.051	
	11:10 PM	0.68	0.49	0.006	
	11:15 PM	0.55	0.41	0.004	0.00
	11:20 PM	0.87	0.45	0.008	
	11:25 PM	0.61	0.32	0.004	
	11:30 PM	0.50	0.34	0.003	0.00
	11:35 PM	0.73	0.57	0.008	
	11:40 PM	0.59	0.37	0.004	
	11:45 PM	0.56	0.27	0.003	0.00
	11:50 PM	0.48	0.22	0.002	
	11:55 PM	1.83	1.53	0.084	
6/11/2023	12:00 AM	1.07	0.26	0.007	0.00
	12:05 AM	0.82	0.86	0.014	
	12:10 AM	0.50	0.20	0.002	
	12:15 AM	0.53	0.34	0.003	0.00
	12:20 AM	0.47	0.24	0.002	
	12:25 AM	0.48	0.00	0.000	

12:30 AM	0.48	0.10	0.001	0.00
12:35 AM	0.48	0.12	0.001	
12:40 AM	0.49	0.03	0.000	
12:45 AM	0.50	0.18	0.001	0.00
12:50 AM	0.51	0.17	0.001	
12:55 AM	0.49	0.21	0.002	
1:00 AM	0.49	0.10	0.001	0.00
1:05 AM	0.54	0.56	0.005	
1:10 AM	0.54	0.06	0.001	
1:15 AM	0.52	0.48	0.004	0.00
1:20 AM	0.70	0.66	0.009	
1:25 AM	0.69	0.04	0.000	
1:30 AM	0.70	0.19	0.003	0.00
1:35 AM	0.69	0.11	0.001	
1:40 AM	0.67	0.08	0.001	
1:45 AM	0.64	0.03	0.000	0.00
1:50 AM	0.65	0.35	0.004	
1:55 AM	0.71	0.21	0.003	
2:00 AM	0.73	0.14	0.002	0.00
2:05 AM	0.71	0.12	0.002	
2:10 AM	0.70	0.10	0.001	
2:15 AM	0.70	0.57	0.008	0.00
2:20 AM	1.09	0.62	0.016	
2:25 AM	0.71	0.26	0.004	
2:30 AM	0.64	0.25	0.003	0.00
2:35 AM	0.62	0.28	0.003	
2:40 AM	0.97	0.47	0.010	
2:45 AM	0.52	0.30	0.003	0.00
2:50 AM	0.47	0.03	0.000	
2:55 AM	0.47	0.08	0.001	
3:00 AM	0.48	0.20	0.002	0.00
3:05 AM	0.48	0.33	0.002	
3:10 AM	0.47	0.10	0.001	
3:15 AM	0.46	0.15	0.001	0.00
3:20 AM	0.49	0.24	0.002	
3:25 AM	0.48	0.23	0.002	
3:30 AM	0.49	0.32	0.003	0.00
3:35 AM	0.48	0.23	0.002	
3:40 AM	0.48	0.11	0.001	
3:45 AM	0.46	0.00	0.000	0.00
3:50 AM	0.49	0.01	0.000	
3:55 AM	0.51	0.34	0.003	
4:00 AM	0.50	0.24	0.002	0.00
4:05 AM	0.44	0.00	0.000	
4:10 AM	0.50	0.07	0.001	
4:15 AM	0.48	0.03	0.000	0.00
4:20 AM	0.42	0.03	0.000	
4:25 AM	0.49	0.31	0.002	
4:30 AM	0.49	0.02	0.000	0.00
4:35 AM	0.51	0.04	0.000	
4:40 AM	0.44	0.06	0.000	

4:45 AM	0.43	0.28	0.002	0.00
4:50 AM	0.47	0.25	0.002	
4:55 AM	0.40	0.06	0.000	
5:00 AM	0.41	0.09	0.001	0.00
5:05 AM	0.48	0.16	0.001	
5:10 AM	0.51	0.22	0.002	
5:15 AM	0.46	0.02	0.000	0.00
5:20 AM	0.45	0.02	0.000	
5:25 AM	0.45	0.19	0.001	
5:30 AM	0.50	0.24	0.002	0.00
5:35 AM	0.51	0.15	0.001	
5:40 AM	0.47	0.00	0.000	
5:45 AM	0.52	0.25	0.002	0.00
5:50 AM	0.55	0.13	0.001	
5:55 AM	0.54	0.01	0.000	
6:00 AM	0.50	0.09	0.001	0.00
6:05 AM	0.52	0.18	0.002	
6:10 AM	0.54	0.24	0.002	
6:15 AM	0.50	0.17	0.001	0.00
6:20 AM	0.53	0.37	0.003	
6:25 AM	0.56	0.12	0.001	
6:30 AM	0.50	0.19	0.002	0.00
6:35 AM	0.57	0.25	0.002	
6:40 AM	0.49	0.06	0.000	
6:45 AM	0.49	0.00	0.000	0.00
6:50 AM	0.57	0.17	0.002	
6:55 AM	0.62	0.43	0.005	
7:00 AM	0.58	0.26	0.003	0.00
7:05 AM	0.53	0.02	0.000	
7:10 AM	0.67	0.31	0.004	
7:15 AM	0.79	0.22	0.004	0.00
7:20 AM	0.78	0.07	0.001	
7:25 AM	0.84	0.20	0.004	
7:30 AM	0.83	0.17	0.003	0.00
7:35 AM	0.77	0.25	0.004	
7:40 AM	0.98	0.36	0.008	
7:45 AM	0.93	0.35	0.007	0.00
7:50 AM	1.13	0.43	0.012	
7:55 AM	1.81	1.58	0.085	
8:00 AM	1.06	0.32	0.008	0.00
8:05 AM	0.78	0.55	0.009	
8:10 AM	0.92	0.56	0.011	
8:15 AM	0.70	0.57	0.008	0.00
8:20 AM	0.72	0.54	0.007	
8:25 AM	1.49	0.57	0.023	
8:30 AM	0.77	0.21	0.003	0.00
8:35 AM	0.65	0.19	0.002	
8:40 AM	0.72	0.37	0.005	
8:45 AM	0.80	0.22	0.004	0.00
8:50 AM	0.76	0.25	0.004	
8:55 AM	0.91	0.37	0.007	

9:00 AM	0.70	0.22	0.003	0.00
9:05 AM	0.75	0.29	0.004	
9:10 AM	0.79	0.31	0.005	
9:15 AM	0.91	0.69	0.014	0.00
9:20 AM	0.91	0.54	0.011	
9:25 AM	0.91	0.53	0.011	
9:30 AM	0.97	0.60	0.013	0.00
9:35 AM	0.93	0.50	0.010	
9:40 AM	0.95	0.46	0.010	
9:45 AM	0.96	0.55	0.012	0.00
9:50 AM	0.82	0.47	0.008	
9:55 AM	1.04	0.61	0.015	
10:00 AM	1.05	0.62	0.015	0.00
10:05 AM	1.00	0.46	0.010	
10:10 AM	1.33	0.61	0.021	
10:15 AM	1.26	0.39	0.012	0.00
10:20 AM	1.43	0.59	0.023	
10:25 AM	1.20	0.41	0.012	
10:30 AM	1.09	0.29	0.007	0.00
10:35 AM	1.84	0.68	0.038	
10:40 AM	1.52	0.54	0.022	
10:45 AM	1.61	0.24	0.011	0.00
10:50 AM	1.31	0.18	0.006	
10:55 AM	1.59	0.29	0.013	
11:00 AM	1.66	0.52	0.025	0.00
11:05 AM	1.66	0.57	0.027	
11:10 AM	1.74	0.57	0.029	
11:15 AM	1.34	0.35	0.012	0.00
11:20 AM	1.97	0.57	0.035	
11:25 AM	1.86	0.79	0.044	
11:30 AM	1.88	0.93	0.053	0.00
11:35 AM	1.64	0.71	0.034	
11:40 AM	1.64	1.01	0.048	
11:45 AM	1.65	0.84	0.040	0.00
11:50 AM	1.62	0.69	0.032	
11:55 AM	1.58	0.60	0.027	
12:00 PM	1.72	0.70	0.035	0.00
12:05 PM	1.65	0.56	0.027	
12:10 PM	1.46	0.36	0.014	
12:15 PM	1.36	0.42	0.015	0.00
12:20 PM	1.57	0.54	0.024	
12:25 PM	1.59	0.47	0.021	
12:30 PM	1.51	0.50	0.021	0.00
12:35 PM	1.44	0.49	0.019	
12:40 PM	1.66	0.58	0.028	
12:45 PM	1.75	0.53	0.028	0.00
12:50 PM	1.47	0.40	0.016	
12:55 PM	1.67	0.54	0.026	
1:00 PM	1.60	0.38	0.017	0.00
1:05 PM	1.60	0.54	0.024	
1:10 PM	1.58	0.48	0.021	

1:15 PM	1.77	0.40	0.021	0.00
1:20 PM	2.07	1.28	0.084	
1:25 PM	1.56	0.38	0.016	
1:30 PM	1.36	0.24	0.008	0.00
1:35 PM	1.58	0.46	0.020	
1:40 PM	1.67	0.44	0.021	
1:45 PM	1.81	0.58	0.032	0.00
1:50 PM	1.83	0.61	0.034	
1:55 PM	2.12	0.99	0.068	
2:00 PM	1.76	0.74	0.038	0.00
2:05 PM	1.90	0.65	0.038	
2:10 PM	1.72	0.87	0.044	
2:15 PM	1.87	0.93	0.053	0.00
2:20 PM	1.56	0.57	0.025	
2:25 PM	1.48	0.57	0.023	
2:30 PM	1.34	0.40	0.014	0.00
2:35 PM	1.84	1.12	0.062	
2:40 PM	1.63	0.54	0.025	
2:45 PM	1.53	0.42	0.018	0.00
2:50 PM	1.55	0.49	0.021	
2:55 PM	1.52	0.25	0.010	
3:00 PM	1.53	0.34	0.014	0.00
3:05 PM	1.68	0.75	0.037	
3:10 PM	1.74	0.43	0.022	
3:15 PM	1.74	0.56	0.029	0.00
3:20 PM	1.72	0.52	0.026	
3:25 PM	1.69	0.70	0.034	
3:30 PM	1.70	0.40	0.020	0.00
3:35 PM	1.63	0.39	0.018	
3:40 PM	1.65	0.30	0.014	
3:45 PM	1.78	0.66	0.035	0.00
3:50 PM	2.13	1.10	0.076	
3:55 PM	1.83	0.54	0.030	
4:00 PM	1.66	0.36	0.017	0.00
4:05 PM	1.72	0.43	0.022	
4:10 PM	1.60	0.49	0.022	
4:15 PM	1.88	0.70	0.040	0.00
4:20 PM	1.78	0.55	0.029	
4:25 PM	1.76	0.41	0.021	
4:30 PM	1.58	0.66	0.030	0.00
4:35 PM	1.69	0.64	0.031	
4:40 PM	1.97	0.44	0.027	
4:45 PM	1.73	0.24	0.012	0.00
4:50 PM	2.24	1.05	0.078	
4:55 PM	2.10	0.45	0.030	
5:00 PM	2.06	0.49	0.032	0.01
5:05 PM	1.95	0.46	0.028	
5:10 PM	1.64	0.46	0.022	
5:15 PM	1.68	0.43	0.021	0.01
5:20 PM	1.67	0.52	0.025	
5:25 PM	2.09	0.97	0.065	

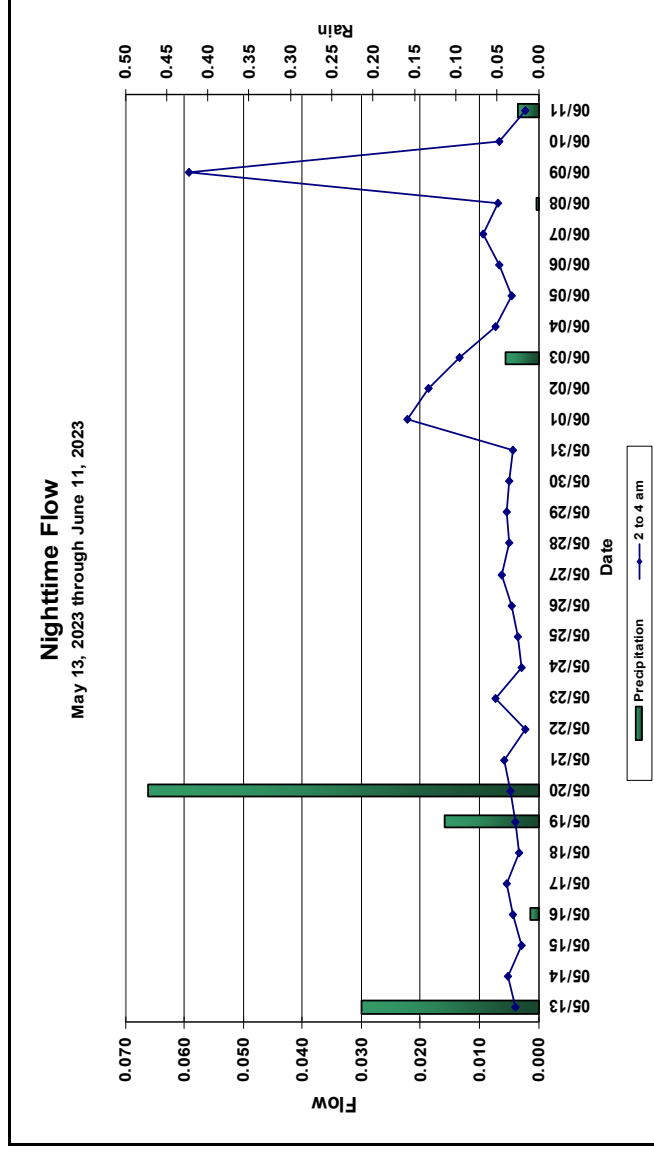
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5:35 PM	1.77	0.44	0.023	
5:40 PM	1.98	0.87	0.054	
5:45 PM	1.87	0.70	0.040	0.00
5:50 PM	2.06	0.92	0.060	
5:55 PM	2.01	0.74	0.047	
6:00 PM	2.10	0.82	0.055	0.00
6:05 PM	1.99	0.82	0.051	
6:10 PM	1.70	0.61	0.030	
6:15 PM	1.71	0.74	0.037	0.00
6:20 PM	1.71	0.54	0.027	
6:25 PM	1.73	0.56	0.028	
6:30 PM	1.85	1.00	0.056	0.00
6:35 PM	1.69	0.64	0.032	
6:40 PM	1.67	0.74	0.036	
6:45 PM	1.69	0.67	0.033	0.00
6:50 PM	1.71	0.80	0.040	
6:55 PM	1.75	0.69	0.036	
7:00 PM	1.69	0.46	0.023	0.00
7:05 PM	1.89	0.53	0.031	
7:10 PM	1.88	0.94	0.054	
7:15 PM	1.98	1.47	0.091	0.00
7:20 PM	1.79	0.61	0.033	
7:25 PM	1.67	0.37	0.018	
7:30 PM	1.70	0.60	0.030	0.00
7:35 PM	1.88	0.71	0.041	
7:40 PM	1.80	0.70	0.038	
7:45 PM	1.88	0.85	0.049	0.00
7:50 PM	1.80	0.75	0.040	
7:55 PM	2.09	0.89	0.060	
8:00 PM	1.77	0.69	0.036	0.00
8:05 PM	1.79	0.76	0.041	
8:10 PM	1.78	0.62	0.033	
8:15 PM	1.71	0.66	0.033	0.00
8:20 PM	2.19	0.78	0.056	
8:25 PM	1.98	0.78	0.048	
8:30 PM	1.68	0.65	0.032	0.00
8:35 PM	1.68	0.59	0.029	
8:40 PM	1.73	0.72	0.037	
8:45 PM	2.33	0.99	0.077	0.00
8:50 PM	1.98	0.66	0.041	
8:55 PM	1.78	0.84	0.044	
9:00 PM	1.77	0.91	0.048	0.00
9:05 PM	2.05	0.93	0.061	
9:10 PM	1.75	0.75	0.039	
9:15 PM	2.19	1.48	0.106	0.00
9:20 PM	1.89	0.82	0.047	
9:25 PM	1.74	0.45	0.023	
9:30 PM	1.80	1.04	0.056	0.00
9:35 PM	2.09	0.98	0.066	
9:40 PM	1.56	0.66	0.029	

	9:45 PM	1.54	0.71	0.030	0.00
	9:50 PM	1.61	0.59	0.027	
	9:55 PM	2.02	1.40	0.089	
	10:00 PM	1.99	0.60	0.038	0.00
	10:05 PM	1.38	0.57	0.021	
	10:10 PM	1.45	0.38	0.015	
	10:15 PM	1.45	0.40	0.016	0.00
	10:20 PM	1.48	0.60	0.024	
	10:25 PM	1.48	0.57	0.023	
	10:30 PM	1.45	0.39	0.015	0.00
	10:35 PM	1.22	0.34	0.010	
	10:40 PM	1.18	0.33	0.009	
	10:45 PM	1.32	0.35	0.012	0.00
	10:50 PM	1.45	1.16	0.045	
	10:55 PM	1.98	0.30	0.019	
	11:00 PM	1.42	0.34	0.013	0.00
	11:05 PM	1.27	0.21	0.007	
	11:10 PM	1.19	0.24	0.007	
	11:15 PM	1.25	0.32	0.010	0.00
	11:20 PM	1.25	0.28	0.009	
	11:25 PM	1.23	0.20	0.006	
	11:30 PM	1.22	0.26	0.008	0.00
	11:35 PM	1.25	0.30	0.009	
	11:40 PM	1.29	0.25	0.008	
	11:45 PM	2.50	1.34	0.116	0.00
	11:50 PM	1.43	0.46	0.017	
	11:55 PM	1.23	0.24	0.008	
6/12/2023	12:00 AM				

MH052N038
Nighttime Flow

Date	Total 24 hr Precipitation	Ave flow 2 to 4 am
05/13	0.21	0.004
05/14	0.00	0.005
05/15	0.00	0.003
05/16	0.01	0.004
05/17	0.00	0.005
05/18	0.00	0.003
05/19	0.11	0.004
05/20	0.47	0.005
05/21	0.00	0.006
05/22	0.00	0.002
05/23	0.00	0.007
05/24	0.00	0.003
05/25	0.00	0.003
05/26	0.00	0.004
05/27	0.00	0.006
05/28	0.00	0.005
05/29	0.00	0.005
05/30	0.00	0.005
05/31	0.00	0.004
06/01	0.00	0.022
06/02	0.00	0.019
06/03	0.04	0.013
06/04	0.00	0.007
06/05	0.00	0.005
06/06	0.00	0.007
06/07	0.00	0.009
06/08	0.00	0.007
06/09	0.00	0.059
06/10	0.00	0.007
06/11	0.03	0.002

AVG	0.03
MIN	0.00
MAX	0.47



Nighttime Flows During Dry Weather Flow is Commonly Estimated to be 90% Ground Water Infiltration According to EPA SSOAP Toolbox

MH052N038

May 13, 2023 through June 11, 2023

Line Size:	15 "	Manhole Depth:	0 "
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Date	Average Daily Flow (MGD)	Minimum Hourly Flow (Time)	Minimum Hourly Flow (MGD)	Maximum Hourly Flow (Time)	Maximum Hourly Flow (MGD)	Total 24 hr. Precip. (inches)
05/13/2023	0.075	5:00 AM	0.002	12:00 PM	0.709	0.21
05/14/2023	0.031	5:00 AM	0.004	11:00 AM	0.062	0.00
05/15/2023	0.024	4:00 AM	0.002	9:00 PM	0.051	0.00
05/16/2023	0.028	4:00 AM	0.003	9:00 PM	0.065	0.01
05/17/2023	0.026	3:00 AM	0.005	8:00 PM	0.050	0.00
05/18/2023	0.025	3:00 AM	0.003	9:00 PM	0.057	0.00
05/19/2023	0.026	4:00 AM	0.003	8:00 AM	0.048	0.11
05/20/2023	0.556	5:00 AM	0.003	9:00 AM	2.556	0.47
05/21/2023	0.035	4:00 AM	0.004	9:00 PM	0.073	0.00
05/22/2023	0.028	4:00 AM	0.002	9:00 PM	0.064	0.00
05/23/2023	0.030	5:00 AM	0.002	9:00 PM	0.058	0.00
05/24/2023	0.023	3:00 AM	0.002	9:00 PM	0.051	0.00
05/25/2023	0.024	4:00 AM	0.003	9:00 PM	0.049	0.00
05/26/2023	0.024	4:00 AM	0.003	10:00 PM	0.044	0.00
05/27/2023	0.028	4:00 AM	0.005	10:00 AM	0.060	0.00
05/28/2023	0.027	5:00 AM	0.003	10:00 AM	0.054	0.00
05/29/2023	0.034	4:00 AM	0.003	9:00 PM	0.072	0.00
05/30/2023	0.028	4:00 AM	0.004	10:00 PM	0.058	0.00
05/31/2023	0.027	3:00 AM	0.003	9:00 PM	0.057	0.00
06/01/2023	0.052	3:00 AM	0.020	7:00 PM	0.087	0.00
06/02/2023	0.053	3:00 AM	0.014	7:00 AM	0.319	0.00
06/03/2023	0.026	12:00 AM	0.004	8:00 PM	0.058	0.04
06/04/2023	0.024	11:00 PM	0.005	11:00 AM	0.052	0.00
06/05/2023	0.024	2:00 AM	0.003	2:00 PM	0.053	0.00
06/06/2023	0.036	4:00 AM	0.005	9:00 PM	0.073	0.00
06/07/2023	0.029	11:00 PM	0.004	5:00 PM	0.067	0.00
06/08/2023	0.187	4:00 AM	0.004	10:00 PM	1.460	0.00
06/09/2023	0.130	4:00 AM	0.008	12:00 AM	1.215	0.00
06/10/2023	0.018	4:00 AM	0.003	9:00 PM	0.032	0.00
06/11/2023	0.020	4:00 AM	0.001	9:00 PM	0.052	0.03

Average	0.057	0.004	0.257
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0.88	Total
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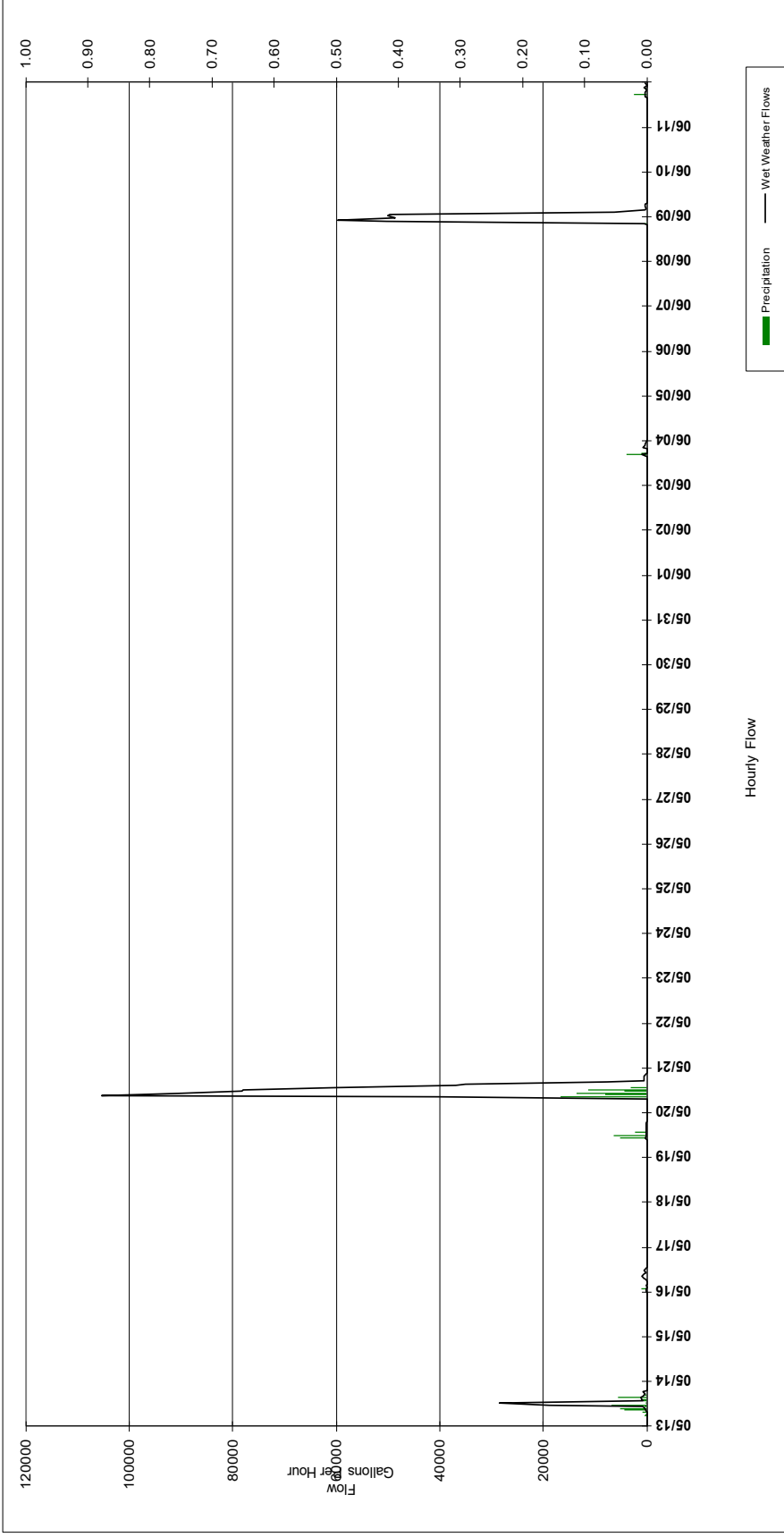
Minimum	0.018	0.001	0.032
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Maximum	0.556	0.020	2.556
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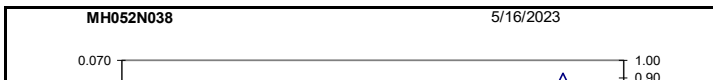
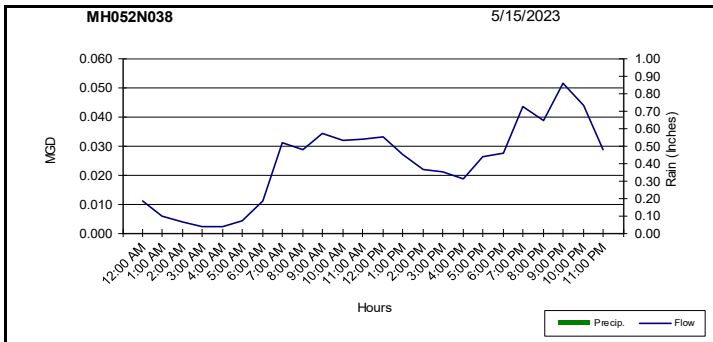
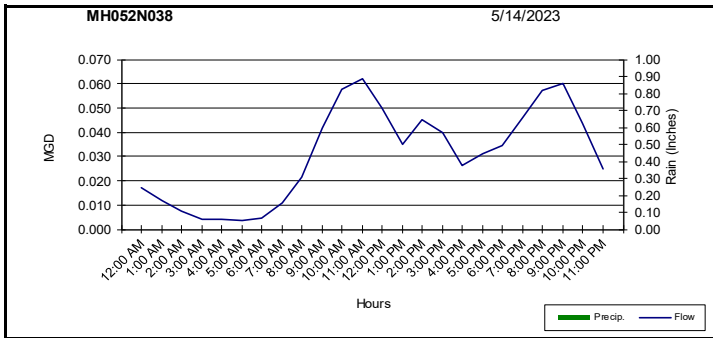
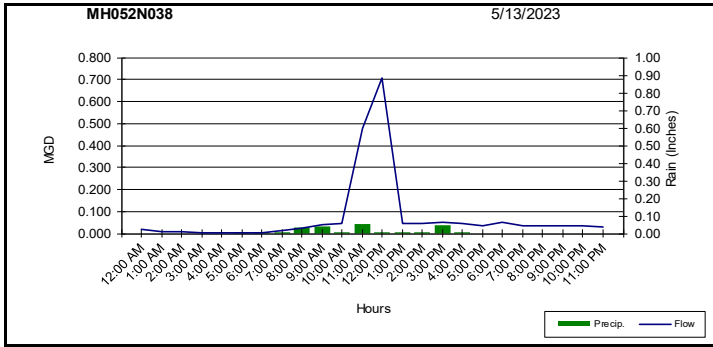
Total Flow	1.698	MG
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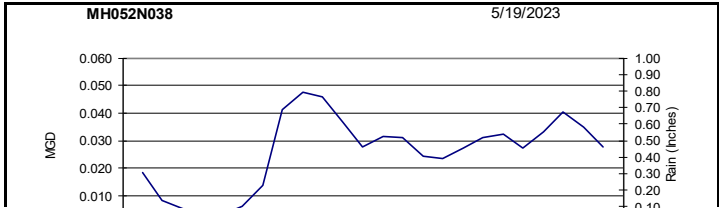
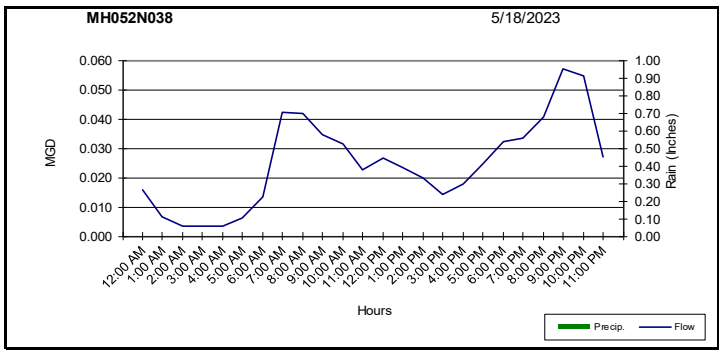
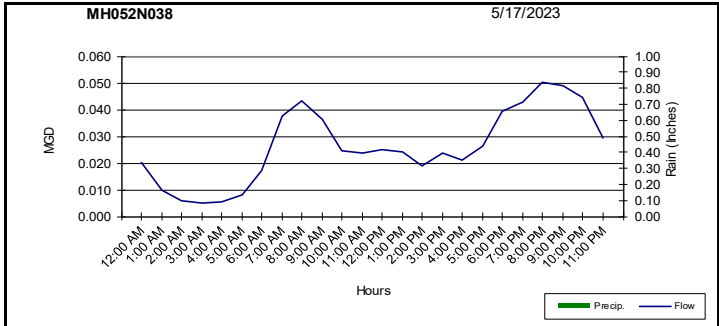
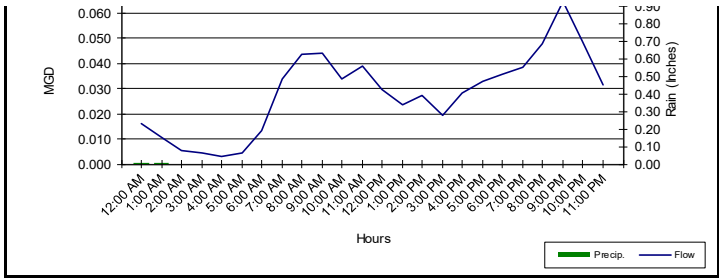
Wet Weather Flow Volumes

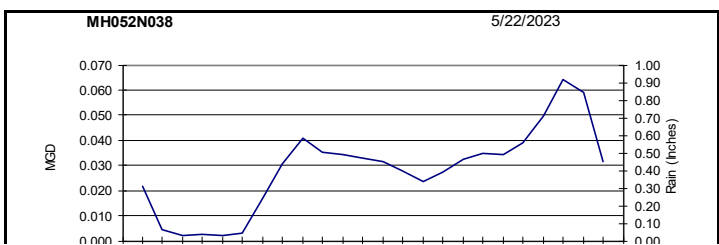
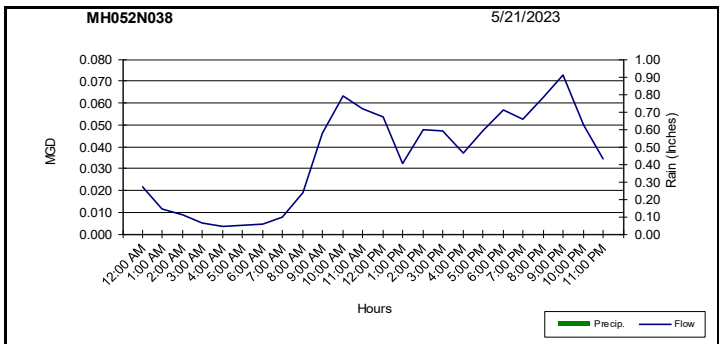
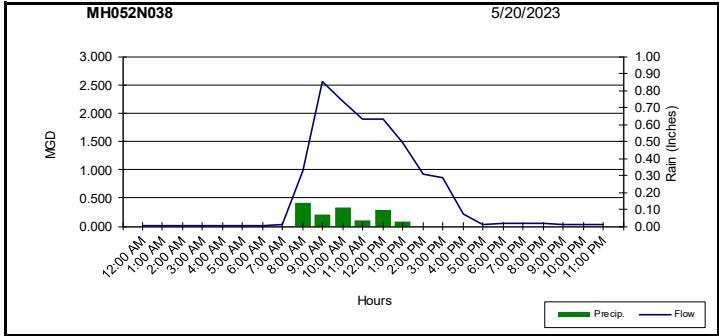
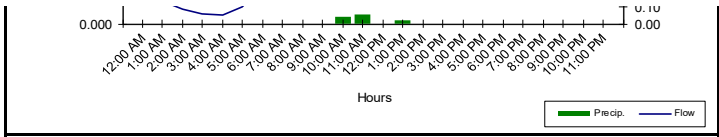
MH052N038

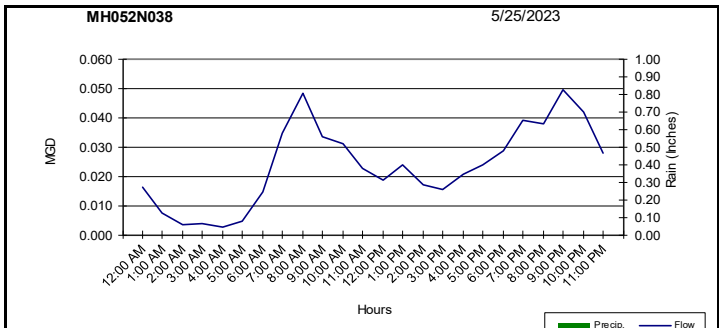
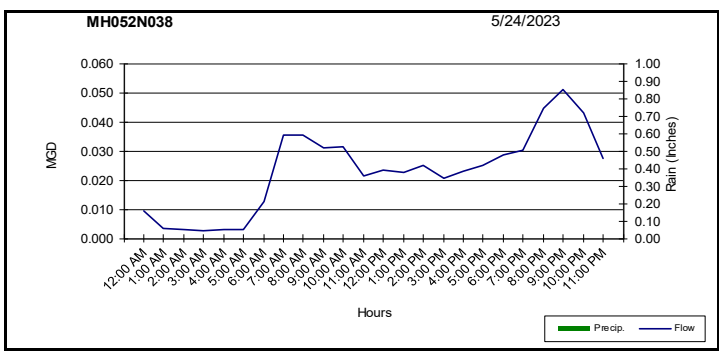
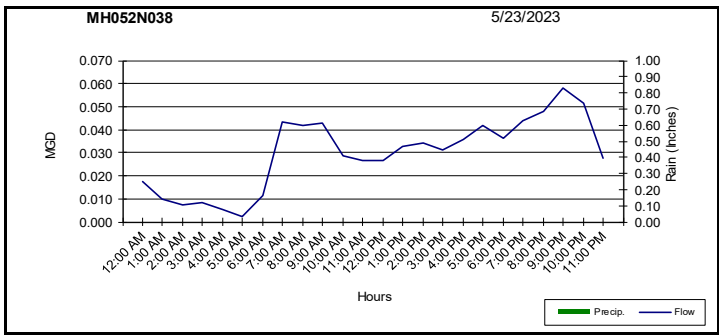
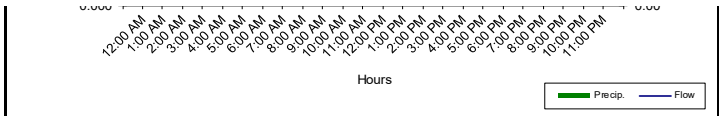


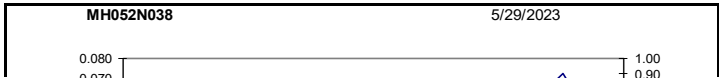
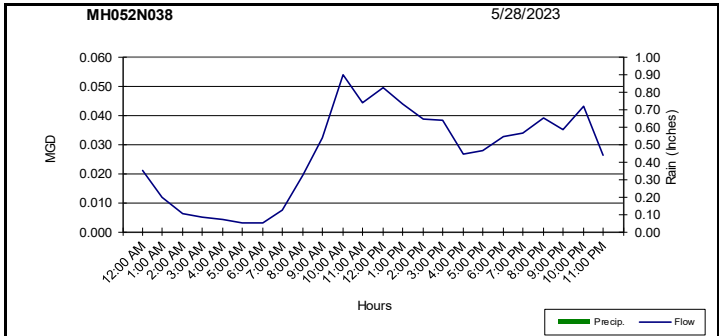
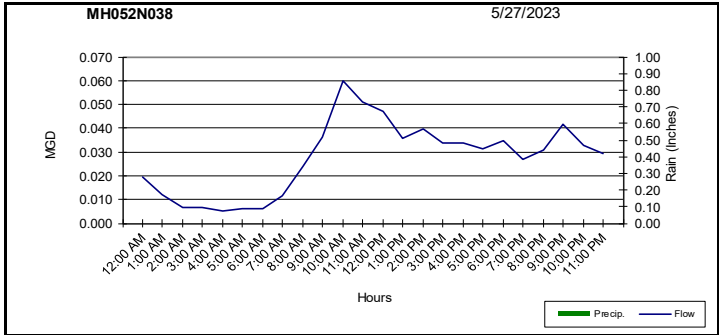
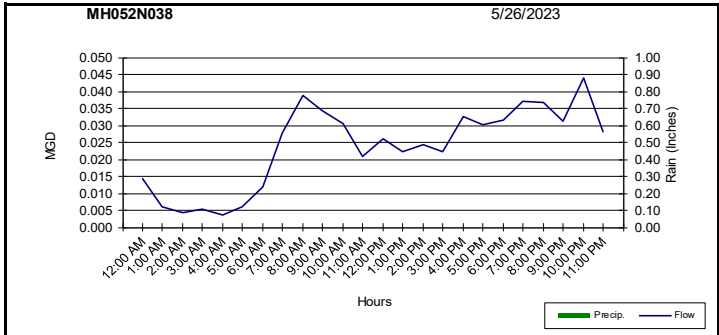
Date:	5/13/2023	5/14/2023	5/15/2023	5/16/2023	5/17/2023	5/18/2023	5/19/2023	5/20/2023	5/21/2023	5/22/2023	5/23/2023	5/24/2023	5/25/2023	5/26/2023	5/27/2023	5/28/2023
Flow (GPD):	53,076	0	0	3,232	0	0	1,048	533,593	0	0	0	0	0	0	0	0
Precip. (In.):	0.21	0.00	0.00	0.01	0.00	0.00	0.11	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Date:	5/29/2023	5/30/2023	5/31/2023	6/1/2023	6/2/2023	6/3/2023	6/4/2023	6/5/2023	6/6/2023	6/7/2023	6/8/2023	6/9/2023	6/10/2023	6/11/2023		
Flow (GPD):	0	0	0	0	0	2,228	0	0	0	0	159,067	107,033	0	1,830		
Precip. (In.):	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03		

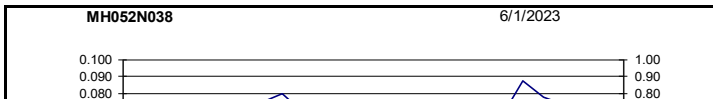
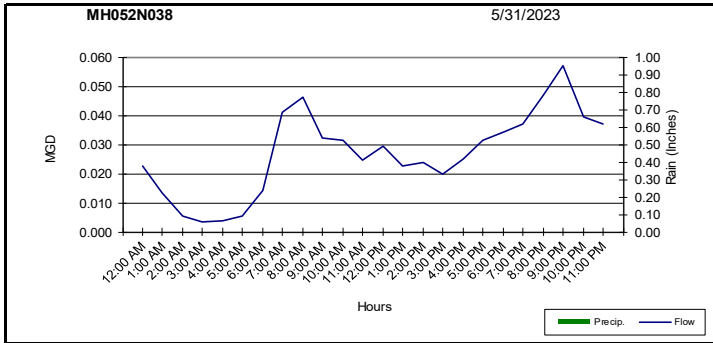
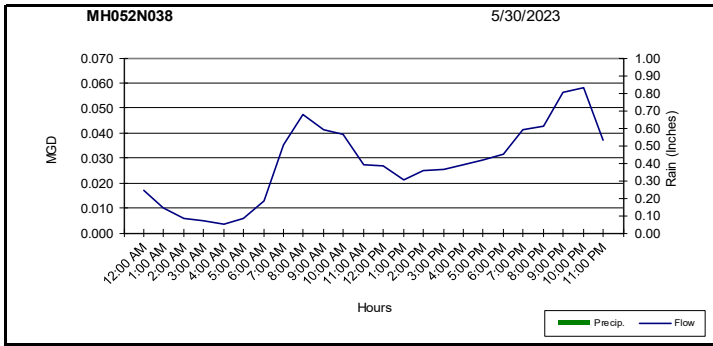
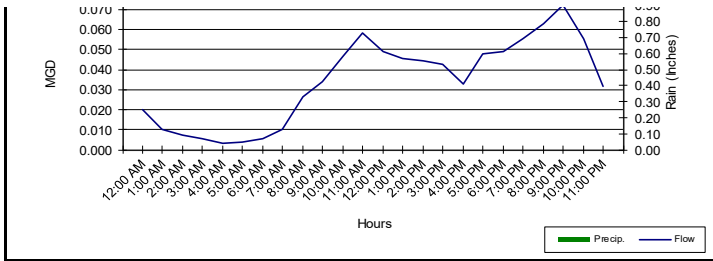


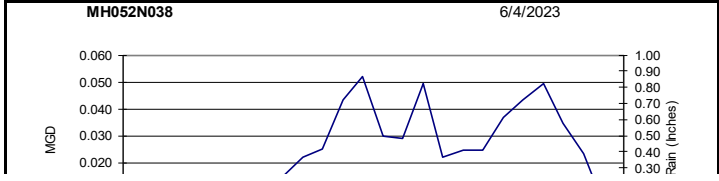
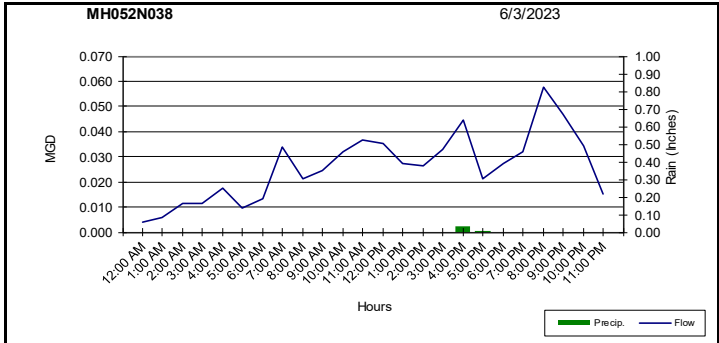
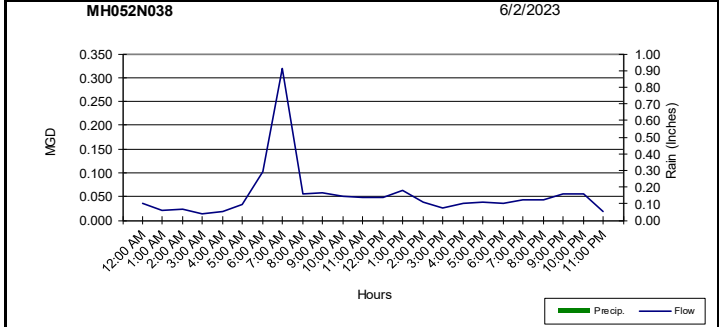
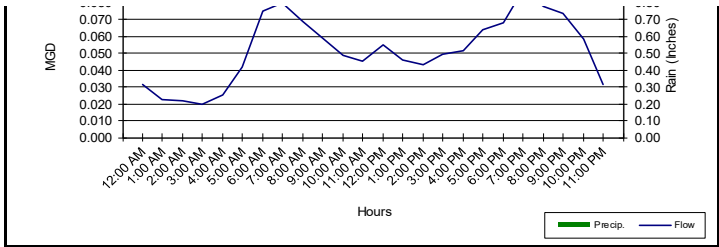


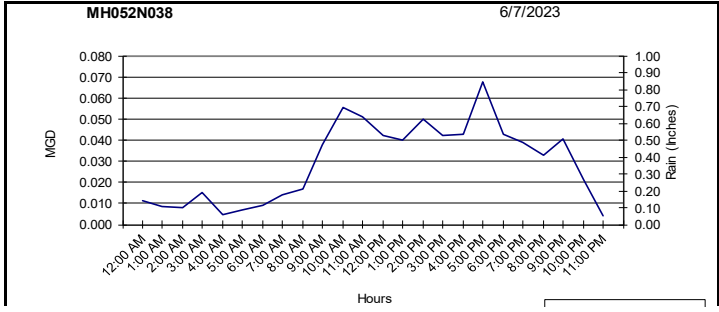
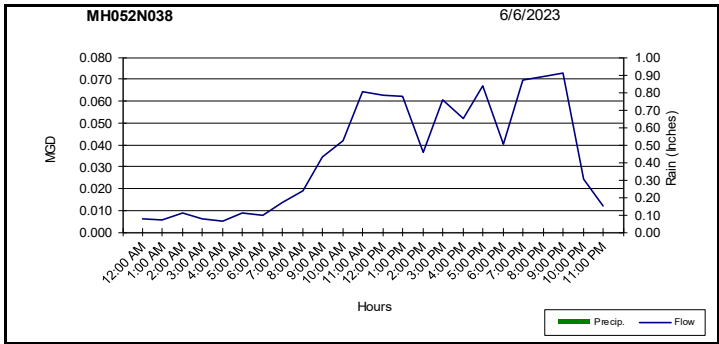
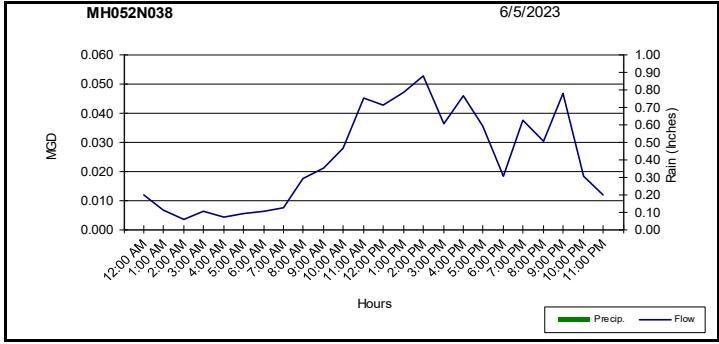
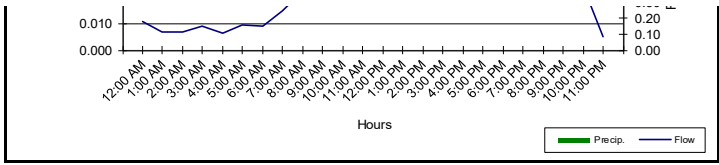


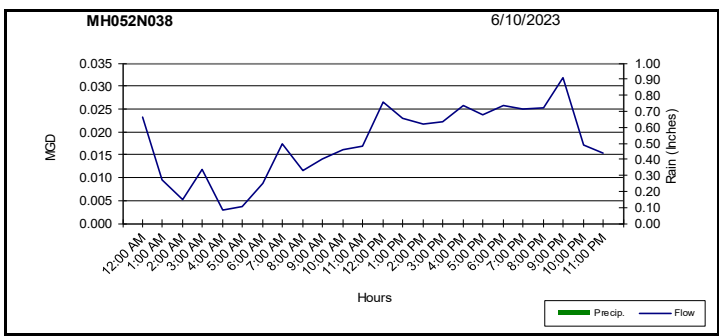
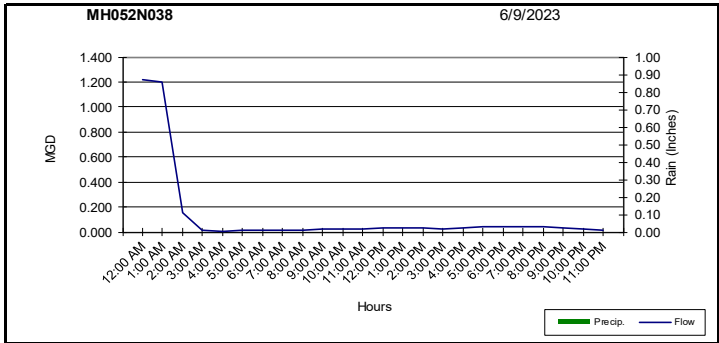
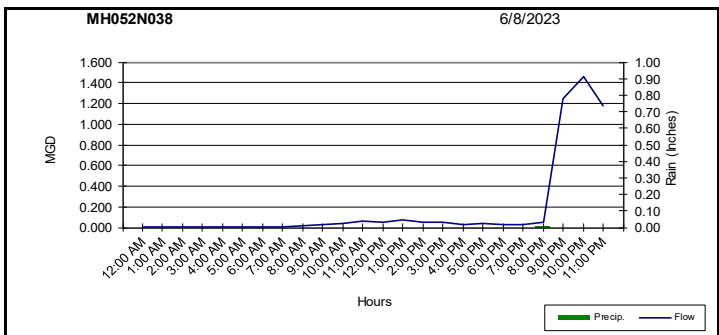


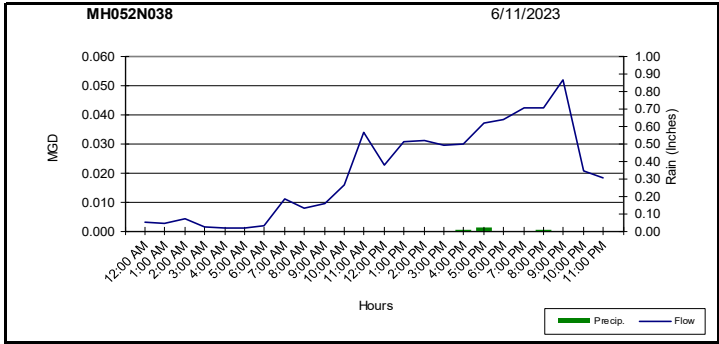


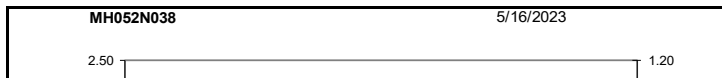
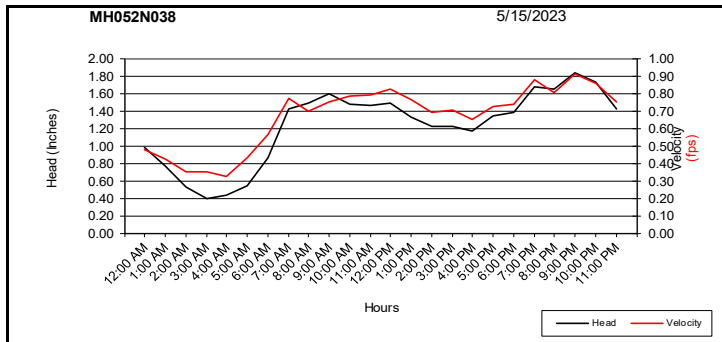
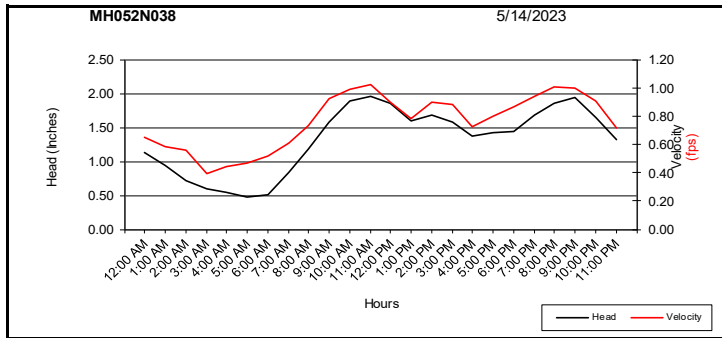
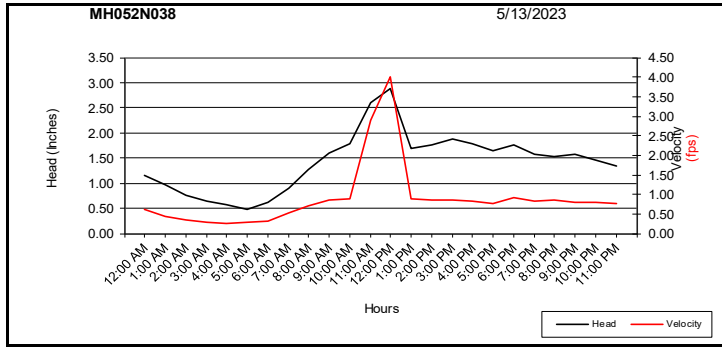


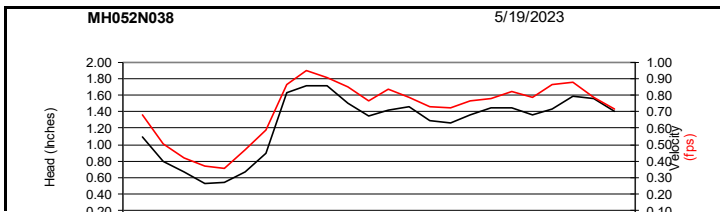
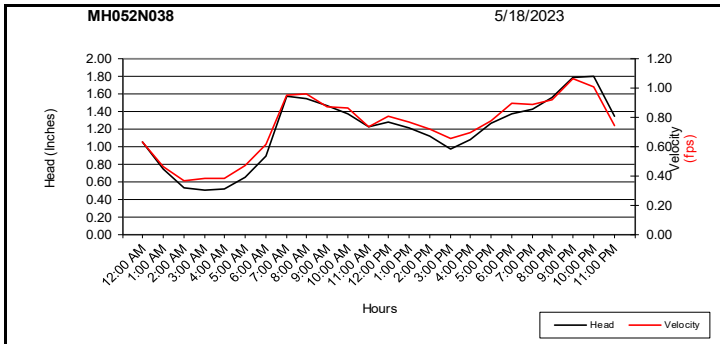
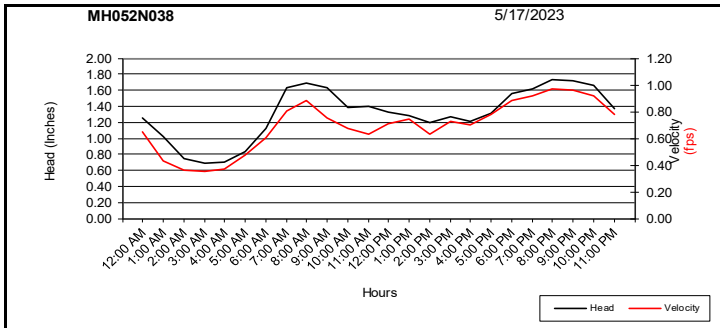
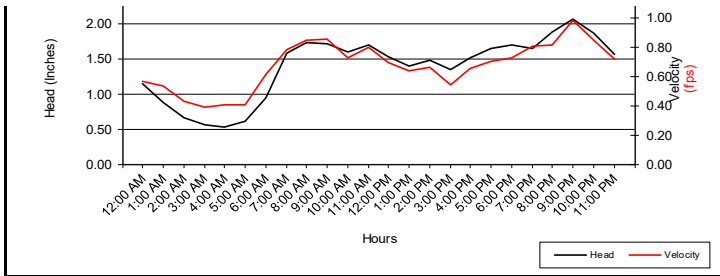


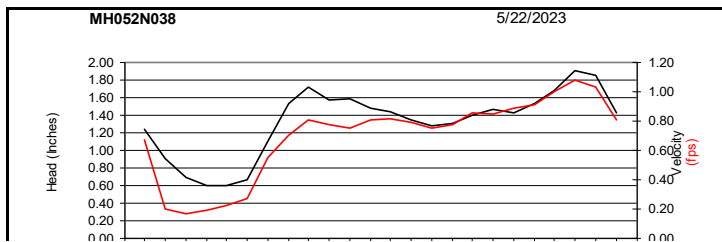
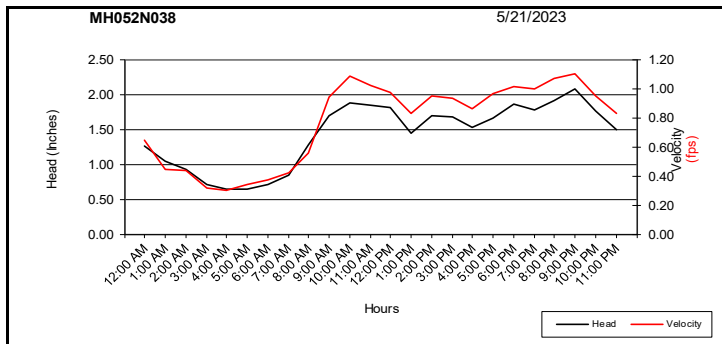
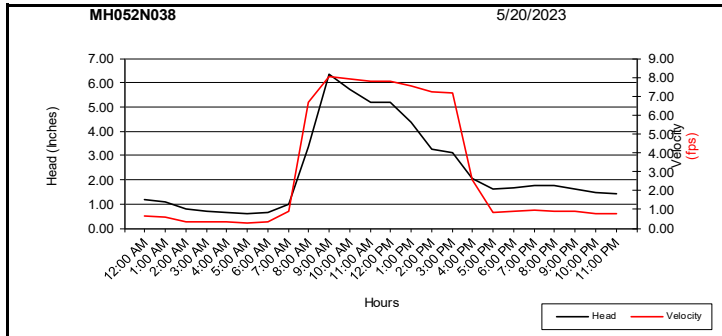
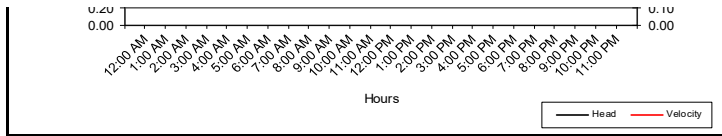


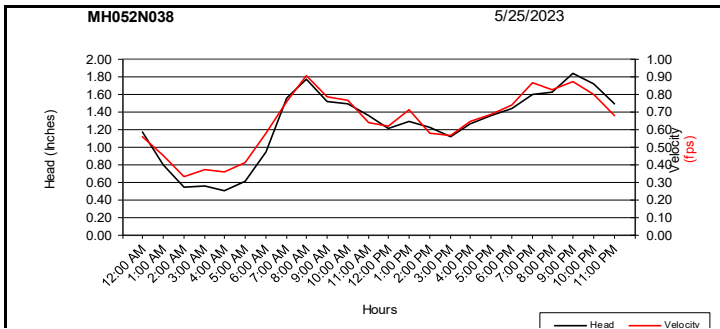
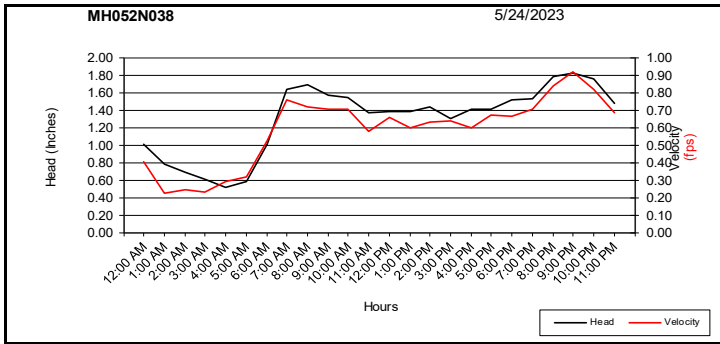
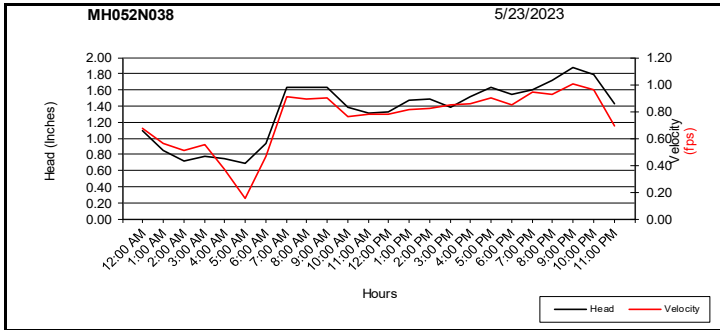
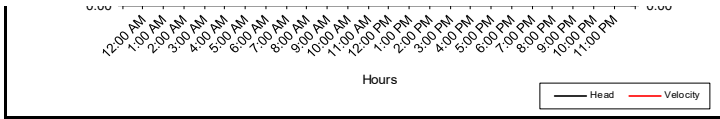




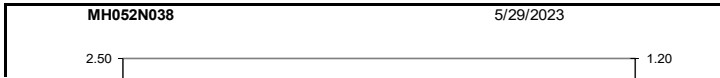
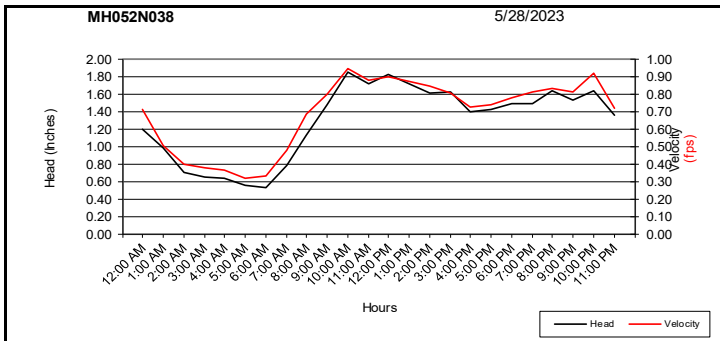
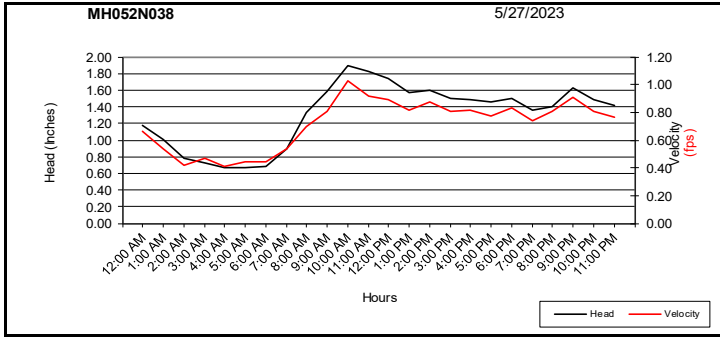
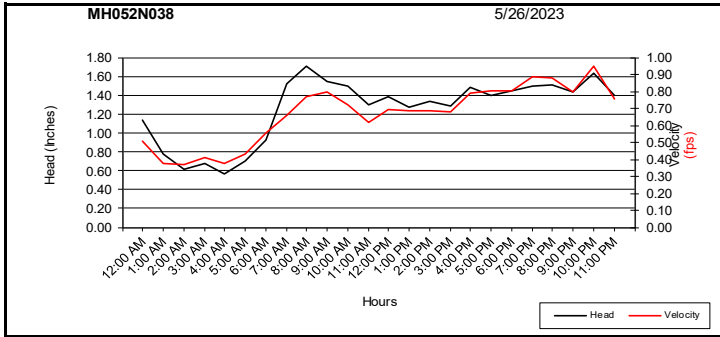


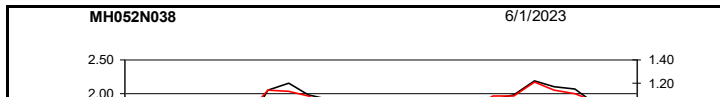
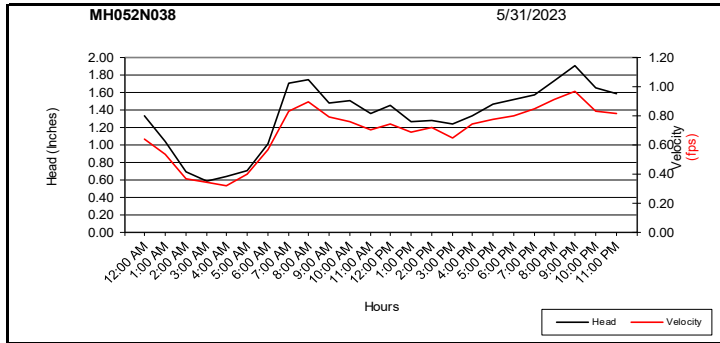
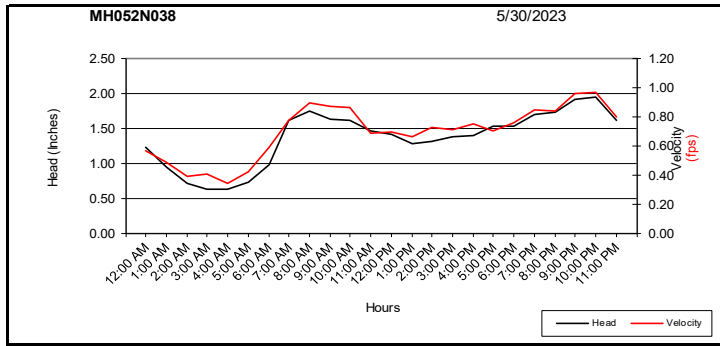
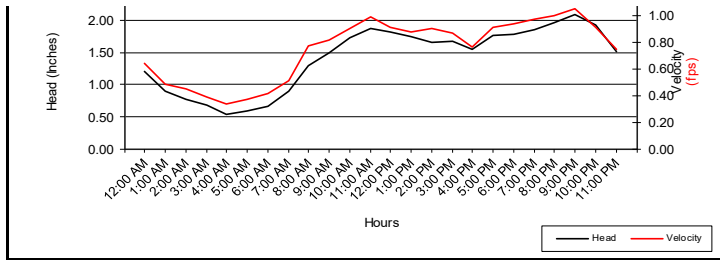


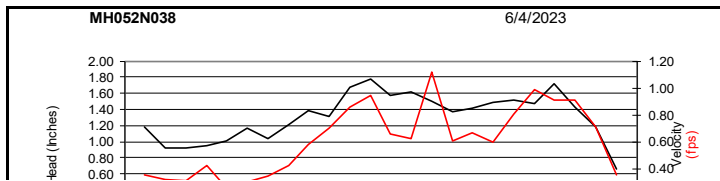
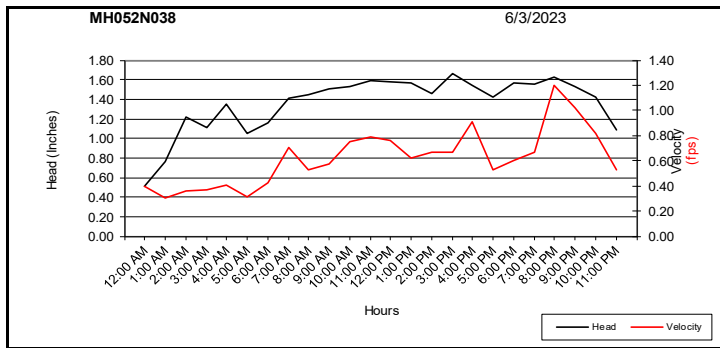
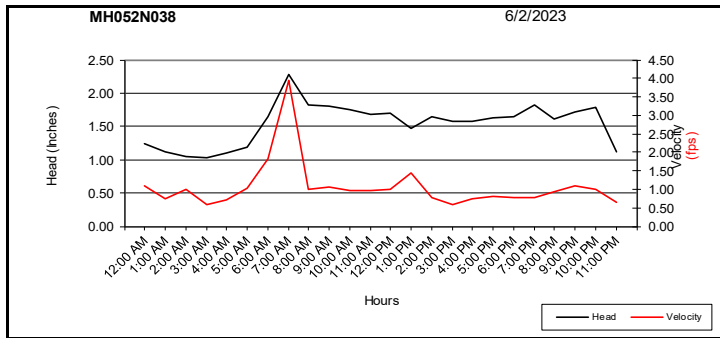
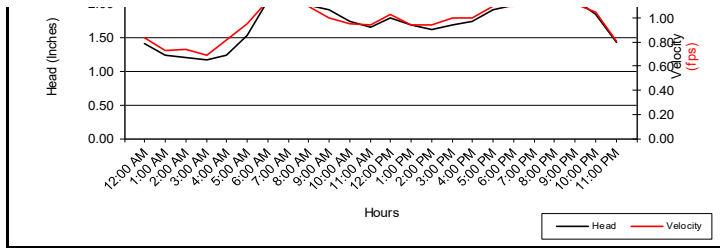


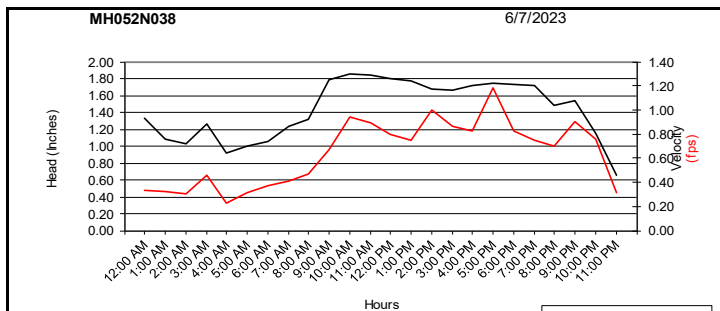
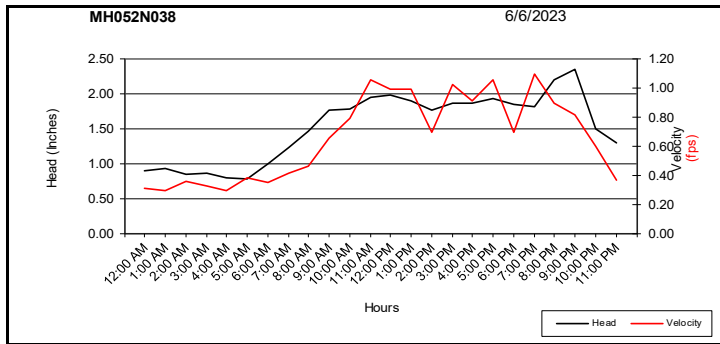
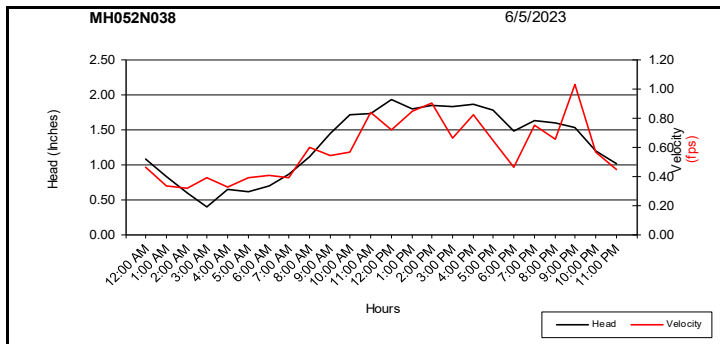
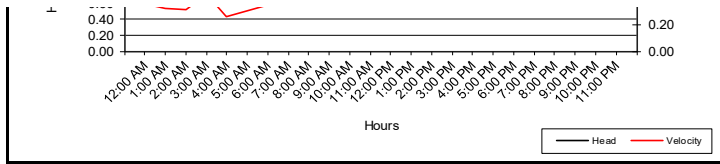


Head Velocity

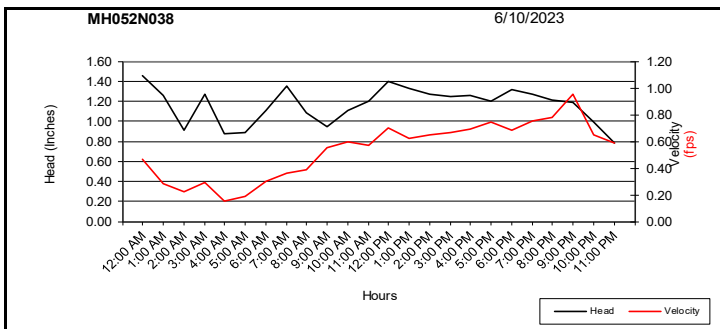
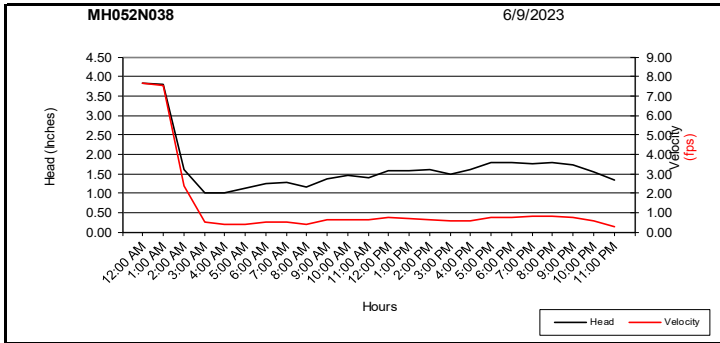
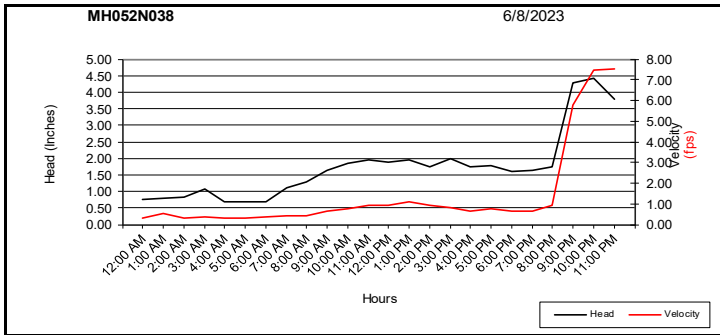


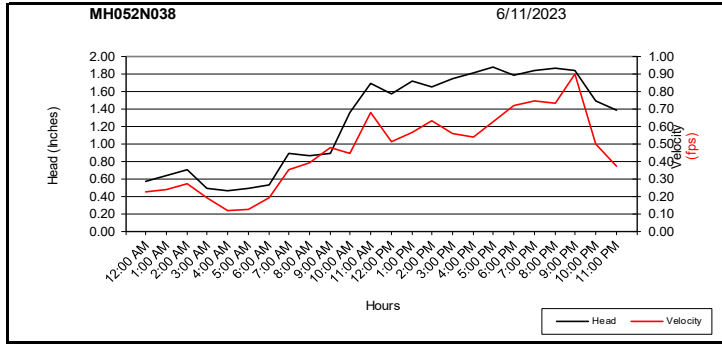






— Head — Velocity

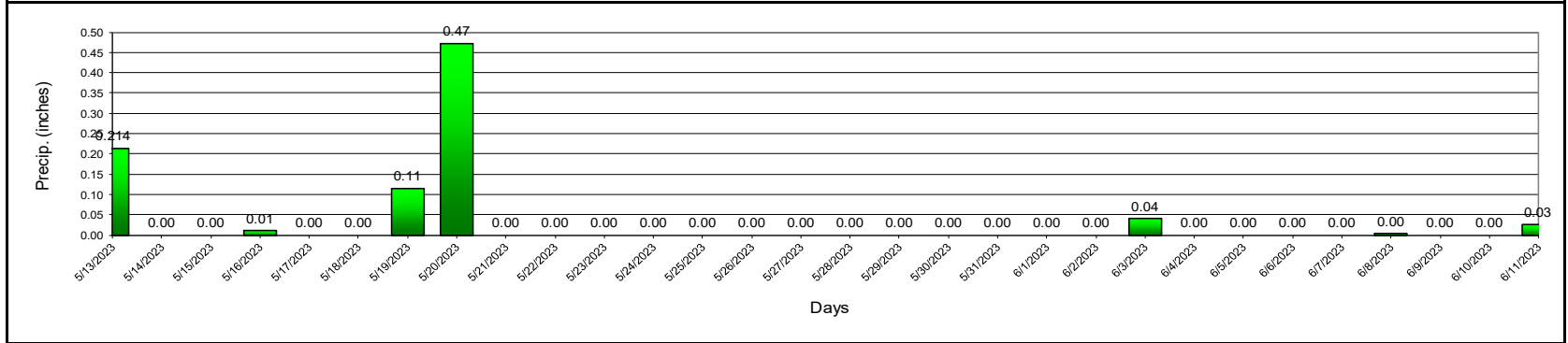
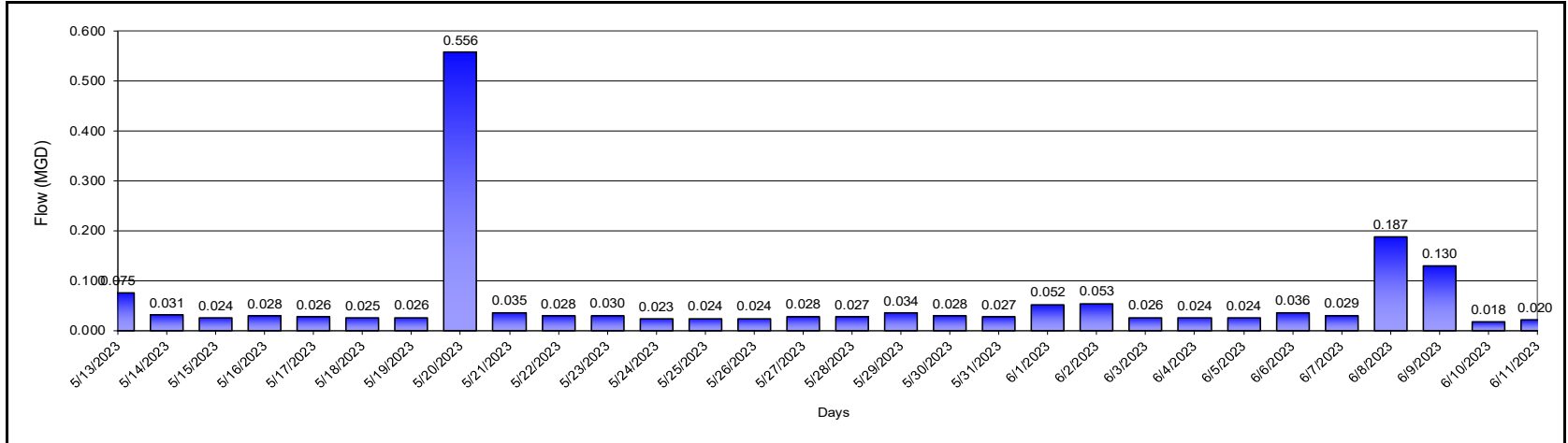




Date:	05/13/2023	05/14/2023	05/15/2023	05/16/2023	05/17/2023	05/18/2023	05/19/2023	05/20/2023	05/21/2023	05/22/2023	05/23/2023	05/24/2023	05/25/2023	05/26/2023	05/27/2023	05/28/2023
Flow:	0.075	0.031	0.024	0.028	0.026	0.025	0.026	0.556	0.035	0.028	0.030	0.023	0.024	0.024	0.028	0.027
Precip.:	0.21	0.00	0.00	0.01	0.00	0.00	0.11	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Date:	05/29/2023	05/30/2023	05/31/2023	06/01/2023	06/02/2023	06/03/2023	06/04/2023	06/05/2023	06/06/2023	06/07/2023	06/08/2023	06/09/2023	06/10/2023	06/11/2023
Flow:	0.034	0.028	0.027	0.052	0.053	0.026	0.024	0.024	0.036	0.029	0.187	0.130	0.018	0.020
Precip.:	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03

MH052N038 Line Size: 15 " Manhole Depth: 0 "



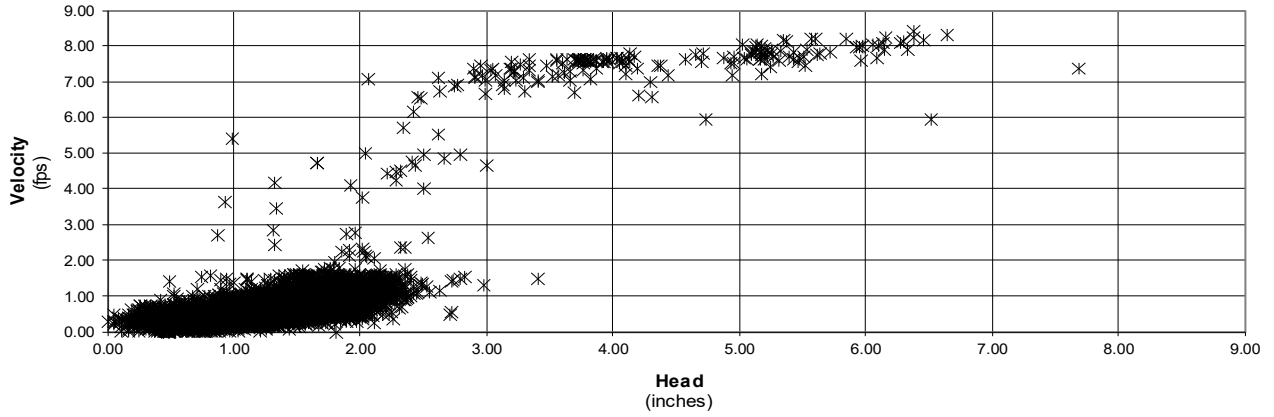
Line Size: 15 "

Manhole Depth: 0 "

MH052N038

May 13, 2023 through June 11, 2023

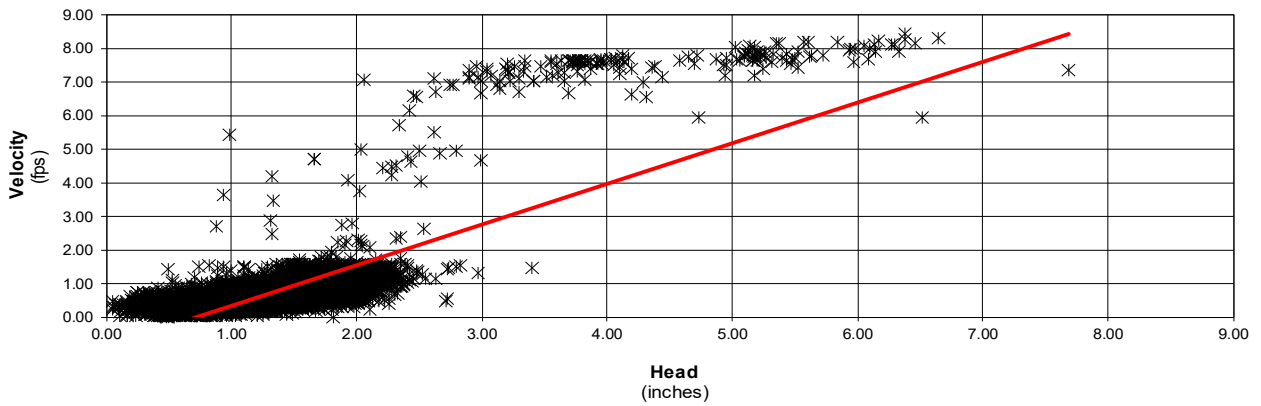
Scatter Plot (Head Vs Velocity)



MH052N038

May 13, 2023 through June 11, 2023

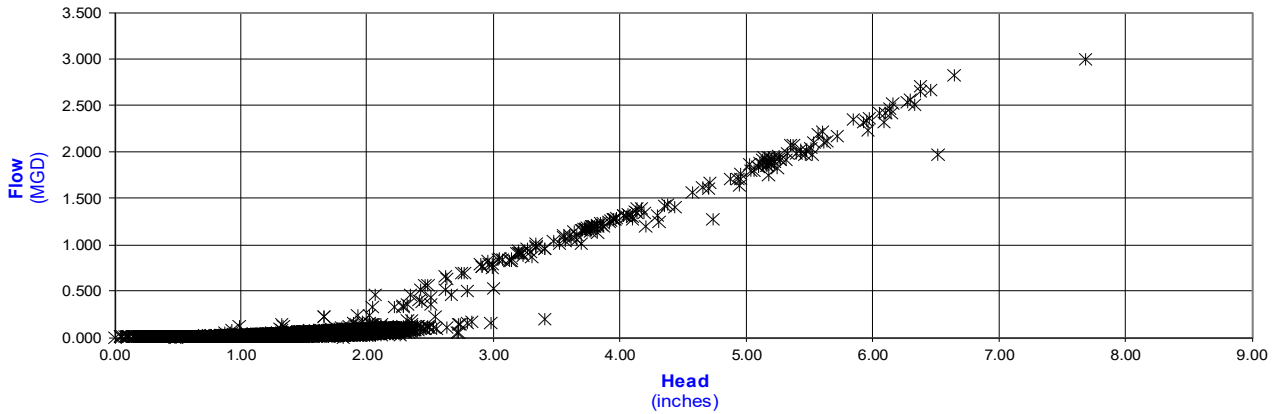
Scatter Plot (Free Flow)



MH052N038

May 13, 2023 through June 11, 2023

Scatter Plot (Head Vs Flow)



MH052N038

May 13, 2023 through June 11, 2023

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/13/2023	12:00 AM	1.16	0.63	0.018	0.00
	1:00 AM	0.96	0.44	0.011	0.00
	2:00 AM	0.75	0.35	0.006	0.00
	3:00 AM	0.64	0.30	0.003	0.00
	4:00 AM	0.57	0.27	0.003	0.00
	5:00 AM	0.48	0.29	0.002	0.00
	6:00 AM	0.61	0.33	0.004	0.00
	7:00 AM	0.90	0.53	0.011	0.01
	8:00 AM	1.27	0.70	0.022	0.04
	9:00 AM	1.59	0.87	0.039	0.04
	10:00 AM	1.78	0.88	0.047	0.00
	11:00 AM	2.61	2.90	0.478	0.06
	12:00 PM	2.88	4.01	0.709	0.00
	1:00 PM	1.70	0.88	0.044	0.01
	2:00 PM	1.76	0.86	0.046	0.01
	3:00 PM	1.89	0.84	0.049	0.05
	4:00 PM	1.78	0.82	0.044	0.00
	5:00 PM	1.65	0.76	0.037	0.00
	6:00 PM	1.76	0.92	0.049	0.00
	7:00 PM	1.57	0.81	0.037	0.00
	8:00 PM	1.53	0.85	0.036	0.00
	9:00 PM	1.57	0.78	0.035	0.00
	10:00 PM	1.46	0.80	0.032	0.00
	11:00 PM	1.35	0.75	0.028	0.00

MIN	0.48	0.27	0.002	MIN	0.00
MAX	2.88	4.01	0.709	MAX	0.06
AVE	1.43	0.90	0.075	TOTAL	0.21

05/14/2023	12:00 AM	1.13	0.65	0.017	0.00
	1:00 AM	0.94	0.58	0.012	0.00
	2:00 AM	0.71	0.56	0.007	0.00
	3:00 AM	0.59	0.39	0.004	0.00
	4:00 AM	0.54	0.44	0.004	0.00
	5:00 AM	0.48	0.46	0.004	0.00
	6:00 AM	0.51	0.52	0.004	0.00
	7:00 AM	0.84	0.61	0.011	0.00
	8:00 AM	1.18	0.73	0.021	0.00
	9:00 AM	1.57	0.92	0.042	0.00
	10:00 AM	1.89	0.99	0.057	0.00
	11:00 AM	1.95	1.02	0.062	0.00
	12:00 PM	1.85	0.90	0.050	0.00
	1:00 PM	1.60	0.78	0.035	0.00
	2:00 PM	1.67	0.90	0.045	0.00
	3:00 PM	1.58	0.88	0.040	0.00
	4:00 PM	1.37	0.72	0.026	0.00
	5:00 PM	1.43	0.80	0.031	0.00
	6:00 PM	1.44	0.87	0.034	0.00
	7:00 PM	1.67	0.94	0.046	0.00
	8:00 PM	1.86	1.01	0.057	0.00
	9:00 PM	1.93	1.00	0.060	0.00
	10:00 PM	1.64	0.91	0.044	0.00
	11:00 PM	1.32	0.72	0.025	0.00

MIN	0.48	0.39	0.004	MIN	0.00
MAX	1.95	1.02	0.062	MAX	0.00
AVE	1.32	0.76	0.031	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/15/2023	12:00 AM	0.98	0.47	0.011	0.00
	1:00 AM	0.76	0.42	0.006	0.00
	2:00 AM	0.53	0.35	0.004	0.00
	3:00 AM	0.39	0.35	0.002	0.00
	4:00 AM	0.43	0.32	0.002	0.00
	5:00 AM	0.54	0.43	0.004	0.00
	6:00 AM	0.86	0.56	0.011	0.00
	7:00 AM	1.43	0.77	0.031	0.00
	8:00 AM	1.49	0.69	0.029	0.00
	9:00 AM	1.59	0.75	0.034	0.00
	10:00 AM	1.48	0.78	0.032	0.00
	11:00 AM	1.46	0.79	0.032	0.00
	12:00 PM	1.48	0.82	0.033	0.00
	1:00 PM	1.33	0.76	0.027	0.00
	2:00 PM	1.23	0.69	0.022	0.00
	3:00 PM	1.21	0.70	0.021	0.00
	4:00 PM	1.17	0.65	0.019	0.00
	5:00 PM	1.34	0.72	0.026	0.00
	6:00 PM	1.38	0.73	0.027	0.00
	7:00 PM	1.68	0.88	0.044	0.00
	8:00 PM	1.65	0.80	0.038	0.00
	9:00 PM	1.83	0.91	0.051	0.00
	10:00 PM	1.73	0.86	0.044	0.00
	11:00 PM	1.42	0.75	0.029	0.00

MIN	0.39	0.32	0.002	MIN	0.00
MAX	1.83	0.91	0.051	MAX	0.00
AVE	1.22	0.67	0.024	TOTAL	0.00

05/16/2023	12:00 AM	1.14	0.56	0.016	0.00
	1:00 AM	0.88	0.53	0.010	0.01
	2:00 AM	0.65	0.43	0.005	0.00
	3:00 AM	0.56	0.39	0.005	0.00
	4:00 AM	0.52	0.40	0.003	0.00
	5:00 AM	0.60	0.41	0.004	0.00
	6:00 AM	0.95	0.61	0.013	0.00
	7:00 AM	1.57	0.78	0.034	0.00
	8:00 AM	1.72	0.84	0.044	0.00
	9:00 AM	1.71	0.85	0.044	0.00
	10:00 AM	1.59	0.73	0.034	0.00
	11:00 AM	1.68	0.79	0.039	0.00
	12:00 PM	1.53	0.69	0.030	0.00
	1:00 PM	1.39	0.64	0.023	0.00
	2:00 PM	1.47	0.66	0.027	0.00
	3:00 PM	1.34	0.54	0.019	0.00
	4:00 PM	1.51	0.65	0.028	0.00
	5:00 PM	1.63	0.70	0.033	0.00
	6:00 PM	1.70	0.72	0.036	0.00
	7:00 PM	1.65	0.80	0.039	0.00
	8:00 PM	1.88	0.81	0.048	0.00
	9:00 PM	2.06	0.98	0.065	0.00
	10:00 PM	1.86	0.84	0.049	0.00
	11:00 PM	1.56	0.72	0.031	0.00

MIN	0.52	0.39	0.003	MIN	0.00
MAX	2.06	0.98	0.065	MAX	0.01
AVE	1.38	0.67	0.028	TOTAL	0.01

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/17/2023	12:00 AM	1.25	0.65	0.020	0.00
	1:00 AM	1.02	0.43	0.010	0.00
	2:00 AM	0.75	0.36	0.006	0.00
	3:00 AM	0.70	0.36	0.005	0.00
	4:00 AM	0.70	0.37	0.006	0.00
	5:00 AM	0.84	0.48	0.008	0.00
	6:00 AM	1.12	0.61	0.017	0.00
	7:00 AM	1.63	0.80	0.038	0.00
	8:00 AM	1.68	0.89	0.043	0.00
	9:00 AM	1.63	0.75	0.036	0.00
	10:00 AM	1.39	0.67	0.024	0.00
	11:00 AM	1.40	0.63	0.024	0.00
	12:00 PM	1.33	0.71	0.025	0.00
	1:00 PM	1.28	0.74	0.024	0.00
	2:00 PM	1.20	0.63	0.019	0.00
	3:00 PM	1.27	0.73	0.024	0.00
	4:00 PM	1.21	0.70	0.021	0.00
	5:00 PM	1.31	0.78	0.026	0.00
	6:00 PM	1.56	0.89	0.039	0.00
	7:00 PM	1.62	0.91	0.043	0.00
	8:00 PM	1.74	0.97	0.050	0.00
	9:00 PM	1.72	0.96	0.049	0.00
	10:00 PM	1.66	0.92	0.044	0.00
	11:00 PM	1.37	0.78	0.029	0.00

MIN	0.70	0.36	0.005	MIN	0.00
MAX	1.74	0.97	0.050	MAX	0.00
AVE	1.31	0.70	0.026	TOTAL	0.00

05/18/2023	12:00 AM	1.05	0.63	0.016	0.00
	1:00 AM	0.75	0.46	0.007	0.00
	2:00 AM	0.52	0.37	0.003	0.00
	3:00 AM	0.50	0.38	0.003	0.00
	4:00 AM	0.51	0.38	0.003	0.00
	5:00 AM	0.65	0.47	0.006	0.00
	6:00 AM	0.88	0.61	0.014	0.00
	7:00 AM	1.56	0.95	0.042	0.00
	8:00 AM	1.54	0.96	0.042	0.00
	9:00 AM	1.46	0.87	0.035	0.00
	10:00 AM	1.37	0.86	0.031	0.00
	11:00 AM	1.21	0.73	0.023	0.00
	12:00 PM	1.27	0.81	0.026	0.00
	1:00 PM	1.21	0.77	0.023	0.00
	2:00 PM	1.11	0.71	0.020	0.00
	3:00 PM	0.96	0.65	0.014	0.00
	4:00 PM	1.07	0.69	0.018	0.00
	5:00 PM	1.26	0.78	0.025	0.00
	6:00 PM	1.37	0.89	0.032	0.00
	7:00 PM	1.41	0.88	0.033	0.00
	8:00 PM	1.55	0.91	0.041	0.00
	9:00 PM	1.78	1.06	0.057	0.00
	10:00 PM	1.79	1.00	0.054	0.00
	11:00 PM	1.34	0.74	0.027	0.00

MIN	0.50	0.37	0.003	MIN	0.00
MAX	1.79	1.06	0.057	MAX	0.00
AVE	1.17	0.73	0.025	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/19/2023	12:00 AM	1.10	0.68	0.018	0.00
	1:00 AM	0.79	0.50	0.008	0.00
	2:00 AM	0.67	0.42	0.005	0.00
	3:00 AM	0.53	0.37	0.003	0.00
	4:00 AM	0.55	0.36	0.003	0.00
	5:00 AM	0.66	0.47	0.006	0.00
	6:00 AM	0.89	0.59	0.014	0.00
	7:00 AM	1.63	0.86	0.041	0.00
	8:00 AM	1.72	0.95	0.048	0.00
	9:00 AM	1.71	0.91	0.046	0.00
	10:00 AM	1.50	0.85	0.037	0.04
	11:00 AM	1.35	0.76	0.027	0.05
	12:00 PM	1.41	0.83	0.032	0.00
	1:00 PM	1.45	0.78	0.031	0.02
	2:00 PM	1.28	0.73	0.024	0.00
	3:00 PM	1.26	0.72	0.024	0.00
	4:00 PM	1.36	0.76	0.027	0.00
	5:00 PM	1.45	0.78	0.031	0.00
	6:00 PM	1.45	0.82	0.032	0.00
	7:00 PM	1.36	0.78	0.027	0.00
	8:00 PM	1.43	0.86	0.033	0.00
	9:00 PM	1.59	0.87	0.040	0.00
	10:00 PM	1.56	0.78	0.035	0.00
	11:00 PM	1.41	0.72	0.028	0.00

MIN	0.53	0.36	0.003	MIN	0.00
MAX	1.72	0.95	0.048	MAX	0.05
AVE	1.25	0.72	0.026	TOTAL	0.11

05/20/2023	12:00 AM	1.20	0.62	0.018	0.00
	1:00 AM	1.09	0.57	0.015	0.00
	2:00 AM	0.79	0.36	0.006	0.00
	3:00 AM	0.69	0.32	0.005	0.00
	4:00 AM	0.63	0.32	0.004	0.00
	5:00 AM	0.58	0.27	0.003	0.00
	6:00 AM	0.66	0.31	0.004	0.00
	7:00 AM	0.99	0.89	0.023	0.00
	8:00 AM	3.36	6.66	0.982	0.14
	9:00 AM	6.35	8.02	2.556	0.07
	10:00 AM	5.71	7.90	2.196	0.11
	11:00 AM	5.21	7.77	1.903	0.04
	12:00 PM	5.20	7.78	1.897	0.09
	1:00 PM	4.37	7.53	1.472	0.03
	2:00 PM	3.24	7.21	0.911	0.00
	3:00 PM	3.12	7.20	0.862	0.00
	4:00 PM	2.03	2.56	0.211	0.00
	5:00 PM	1.60	0.86	0.041	0.00
	6:00 PM	1.64	0.93	0.044	0.00
	7:00 PM	1.77	0.93	0.050	0.00
	8:00 PM	1.74	0.93	0.048	0.00
	9:00 PM	1.60	0.87	0.040	0.00
	10:00 PM	1.46	0.78	0.031	0.00
	11:00 PM	1.44	0.78	0.031	0.00

MIN	0.58	0.27	0.003	MIN	0.00
MAX	6.35	8.02	2.556	MAX	0.14
AVE	2.35	3.02	0.556	TOTAL	0.47

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/21/2023	12:00 AM	1.26	0.65	0.021	0.00
	1:00 AM	1.04	0.45	0.012	0.00
	2:00 AM	0.93	0.43	0.009	0.00
	3:00 AM	0.71	0.32	0.005	0.00
	4:00 AM	0.65	0.30	0.004	0.00
	5:00 AM	0.64	0.34	0.004	0.00
	6:00 AM	0.71	0.37	0.005	0.00
	7:00 AM	0.85	0.42	0.008	0.00
	8:00 AM	1.28	0.56	0.019	0.00
	9:00 AM	1.68	0.94	0.046	0.00
	10:00 AM	1.87	1.08	0.063	0.00
	11:00 AM	1.84	1.02	0.057	0.00
	12:00 PM	1.80	0.97	0.053	0.00
	1:00 PM	1.45	0.83	0.032	0.00
	2:00 PM	1.69	0.95	0.048	0.00
	3:00 PM	1.68	0.93	0.047	0.00
	4:00 PM	1.52	0.86	0.037	0.00
	5:00 PM	1.65	0.96	0.047	0.00
	6:00 PM	1.86	1.01	0.057	0.00
	7:00 PM	1.78	1.00	0.053	0.00
	8:00 PM	1.90	1.07	0.062	0.00
	9:00 PM	2.07	1.10	0.073	0.00
	10:00 PM	1.76	0.95	0.050	0.00
	11:00 PM	1.49	0.83	0.035	0.00

MIN	0.64	0.30	0.004	MIN	0.00
MAX	2.07	1.10	0.073	MAX	0.00
AVE	1.42	0.76	0.035	TOTAL	0.00

05/22/2023	12:00 AM	1.23	0.67	0.022	0.00
	1:00 AM	0.90	0.19	0.004	0.00
	2:00 AM	0.69	0.16	0.002	0.00
	3:00 AM	0.59	0.19	0.002	0.00
	4:00 AM	0.59	0.22	0.002	0.00
	5:00 AM	0.66	0.27	0.003	0.00
	6:00 AM	1.10	0.55	0.017	0.00
	7:00 AM	1.53	0.70	0.031	0.00
	8:00 AM	1.71	0.81	0.041	0.00
	9:00 AM	1.56	0.77	0.035	0.00
	10:00 AM	1.58	0.75	0.034	0.00
	11:00 AM	1.48	0.81	0.033	0.00
	12:00 PM	1.43	0.81	0.031	0.00
	1:00 PM	1.34	0.79	0.028	0.00
	2:00 PM	1.27	0.75	0.024	0.00
	3:00 PM	1.30	0.77	0.027	0.00
	4:00 PM	1.40	0.85	0.032	0.00
	5:00 PM	1.47	0.85	0.035	0.00
	6:00 PM	1.42	0.88	0.034	0.00
	7:00 PM	1.52	0.91	0.039	0.00
	8:00 PM	1.67	1.00	0.050	0.00
	9:00 PM	1.90	1.07	0.064	0.00
	10:00 PM	1.85	1.03	0.059	0.00
	11:00 PM	1.42	0.81	0.032	0.00

MIN	0.59	0.16	0.002	MIN	0.00
MAX	1.90	1.07	0.064	MAX	0.00
AVE	1.32	0.69	0.028	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/23/2023	12:00 AM	1.09	0.68	0.018	0.00
	1:00 AM	0.85	0.56	0.010	0.00
	2:00 AM	0.71	0.51	0.008	0.00
	3:00 AM	0.78	0.55	0.009	0.00
	4:00 AM	0.74	0.37	0.005	0.00
	5:00 AM	0.68	0.15	0.002	0.00
	6:00 AM	0.93	0.47	0.012	0.00
	7:00 AM	1.63	0.91	0.043	0.00
	8:00 AM	1.63	0.89	0.042	0.00
	9:00 AM	1.62	0.90	0.043	0.00
	10:00 AM	1.38	0.76	0.028	0.00
	11:00 AM	1.32	0.77	0.027	0.00
	12:00 PM	1.32	0.78	0.027	0.00
	1:00 PM	1.47	0.82	0.033	0.00
	2:00 PM	1.48	0.82	0.034	0.00
	3:00 PM	1.38	0.84	0.031	0.00
	4:00 PM	1.51	0.85	0.036	0.00
	5:00 PM	1.62	0.90	0.042	0.00
	6:00 PM	1.54	0.84	0.036	0.00
	7:00 PM	1.60	0.94	0.044	0.00
	8:00 PM	1.72	0.93	0.048	0.00
	9:00 PM	1.88	1.00	0.058	0.00
	10:00 PM	1.79	0.96	0.052	0.00
	11:00 PM	1.43	0.69	0.028	0.00

MIN	0.68	0.15	0.002	MIN	0.00
MAX	1.88	1.00	0.058	MAX	0.00
AVE	1.34	0.75	0.030	TOTAL	0.00

05/24/2023	12:00 AM	1.00	0.40	0.009	0.00
	1:00 AM	0.77	0.22	0.004	0.00
	2:00 AM	0.68	0.24	0.003	0.00
	3:00 AM	0.61	0.23	0.002	0.00
	4:00 AM	0.52	0.29	0.003	0.00
	5:00 AM	0.58	0.32	0.003	0.00
	6:00 AM	1.01	0.52	0.013	0.00
	7:00 AM	1.63	0.76	0.035	0.00
	8:00 AM	1.69	0.71	0.035	0.00
	9:00 AM	1.57	0.70	0.031	0.00
	10:00 AM	1.55	0.71	0.032	0.00
	11:00 AM	1.37	0.58	0.021	0.00
	12:00 PM	1.38	0.66	0.023	0.00
	1:00 PM	1.38	0.60	0.022	0.00
	2:00 PM	1.43	0.63	0.025	0.00
	3:00 PM	1.30	0.64	0.021	0.00
	4:00 PM	1.40	0.60	0.023	0.00
	5:00 PM	1.41	0.67	0.025	0.00
	6:00 PM	1.51	0.67	0.028	0.00
	7:00 PM	1.53	0.71	0.030	0.00
	8:00 PM	1.78	0.84	0.045	0.00
	9:00 PM	1.81	0.92	0.051	0.00
	10:00 PM	1.75	0.82	0.043	0.00
	11:00 PM	1.48	0.68	0.028	0.00

MIN	0.52	0.22	0.002	MIN	0.00
MAX	1.81	0.92	0.051	MAX	0.00
AVE	1.30	0.59	0.023	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/25/2023	12:00 AM	1.17	0.56	0.016	0.00
	1:00 AM	0.80	0.45	0.007	0.00
	2:00 AM	0.54	0.33	0.003	0.00
	3:00 AM	0.56	0.37	0.004	0.00
	4:00 AM	0.50	0.35	0.003	0.00
	5:00 AM	0.61	0.41	0.005	0.00
	6:00 AM	0.94	0.58	0.014	0.00
	7:00 AM	1.55	0.76	0.035	0.00
	8:00 AM	1.76	0.91	0.048	0.00
	9:00 AM	1.51	0.78	0.033	0.00
	10:00 AM	1.49	0.76	0.031	0.00
	11:00 AM	1.36	0.63	0.023	0.00
	12:00 PM	1.20	0.62	0.019	0.00
	1:00 PM	1.28	0.71	0.024	0.00
	2:00 PM	1.22	0.58	0.017	0.00
	3:00 PM	1.12	0.57	0.015	0.00
	4:00 PM	1.27	0.64	0.021	0.00
	5:00 PM	1.35	0.68	0.024	0.00
	6:00 PM	1.43	0.74	0.028	0.00
	7:00 PM	1.59	0.86	0.039	0.00
	8:00 PM	1.62	0.82	0.038	0.00
	9:00 PM	1.84	0.87	0.049	0.00
	10:00 PM	1.71	0.79	0.042	0.00
	11:00 PM	1.49	0.68	0.028	0.00

MIN	0.50	0.33	0.003	MIN	0.00
MAX	1.84	0.91	0.049	MAX	0.00
AVE	1.25	0.64	0.024	TOTAL	0.00

05/26/2023	12:00 AM	1.14	0.51	0.014	0.00
	1:00 AM	0.78	0.38	0.006	0.00
	2:00 AM	0.61	0.37	0.004	0.00
	3:00 AM	0.68	0.41	0.006	0.00
	4:00 AM	0.57	0.37	0.003	0.00
	5:00 AM	0.71	0.43	0.006	0.00
	6:00 AM	0.93	0.56	0.012	0.00
	7:00 AM	1.52	0.66	0.028	0.00
	8:00 AM	1.71	0.77	0.039	0.00
	9:00 AM	1.54	0.80	0.034	0.00
	10:00 AM	1.50	0.72	0.031	0.00
	11:00 AM	1.30	0.62	0.021	0.00
	12:00 PM	1.38	0.69	0.026	0.00
	1:00 PM	1.27	0.69	0.022	0.00
	2:00 PM	1.33	0.69	0.024	0.00
	3:00 PM	1.28	0.68	0.022	0.00
	4:00 PM	1.49	0.79	0.033	0.00
	5:00 PM	1.40	0.80	0.030	0.00
	6:00 PM	1.45	0.80	0.032	0.00
	7:00 PM	1.49	0.89	0.037	0.00
	8:00 PM	1.51	0.88	0.037	0.00
	9:00 PM	1.44	0.80	0.031	0.00
	10:00 PM	1.63	0.95	0.044	0.00
	11:00 PM	1.40	0.75	0.028	0.00

MIN	0.57	0.37	0.003	MIN	0.00
MAX	1.71	0.95	0.044	MAX	0.00
AVE	1.25	0.67	0.024	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/27/2023	12:00 AM	1.18	0.67	0.020	0.00
	1:00 AM	1.01	0.54	0.012	0.00
	2:00 AM	0.78	0.42	0.007	0.00
	3:00 AM	0.72	0.47	0.007	0.00
	4:00 AM	0.67	0.41	0.005	0.00
	5:00 AM	0.67	0.44	0.006	0.00
	6:00 AM	0.68	0.44	0.006	0.00
	7:00 AM	0.89	0.54	0.012	0.00
	8:00 AM	1.32	0.70	0.024	0.00
	9:00 AM	1.58	0.80	0.036	0.00
	10:00 AM	1.90	1.02	0.060	0.00
	11:00 AM	1.82	0.92	0.051	0.00
	12:00 PM	1.74	0.89	0.047	0.00
	1:00 PM	1.56	0.81	0.036	0.00
	2:00 PM	1.60	0.87	0.040	0.00
	3:00 PM	1.50	0.81	0.034	0.00
	4:00 PM	1.49	0.82	0.034	0.00
	5:00 PM	1.45	0.77	0.032	0.00
	6:00 PM	1.50	0.83	0.035	0.00
	7:00 PM	1.35	0.74	0.027	0.00
	8:00 PM	1.40	0.80	0.031	0.00
	9:00 PM	1.62	0.91	0.042	0.00
	10:00 PM	1.48	0.81	0.033	0.00
	11:00 PM	1.41	0.76	0.029	0.00

MIN	0.67	0.41	0.005	MIN	0.00
MAX	1.90	1.02	0.060	MAX	0.00
AVE	1.31	0.72	0.028	TOTAL	0.00

05/28/2023	12:00 AM	1.19	0.71	0.021	0.00
	1:00 AM	0.97	0.51	0.012	0.00
	2:00 AM	0.70	0.40	0.006	0.00
	3:00 AM	0.65	0.37	0.005	0.00
	4:00 AM	0.63	0.36	0.004	0.00
	5:00 AM	0.55	0.31	0.003	0.00
	6:00 AM	0.52	0.33	0.003	0.00
	7:00 AM	0.78	0.48	0.008	0.00
	8:00 AM	1.13	0.69	0.020	0.00
	9:00 AM	1.48	0.80	0.032	0.00
	10:00 AM	1.85	0.95	0.054	0.00
	11:00 AM	1.71	0.88	0.044	0.00
	12:00 PM	1.82	0.90	0.049	0.00
	1:00 PM	1.71	0.87	0.044	0.00
	2:00 PM	1.61	0.84	0.039	0.00
	3:00 PM	1.62	0.80	0.038	0.00
	4:00 PM	1.39	0.72	0.027	0.00
	5:00 PM	1.43	0.73	0.028	0.00
	6:00 PM	1.49	0.78	0.033	0.00
	7:00 PM	1.49	0.81	0.034	0.00
	8:00 PM	1.63	0.83	0.039	0.00
	9:00 PM	1.53	0.81	0.035	0.00
	10:00 PM	1.63	0.92	0.043	0.00
	11:00 PM	1.36	0.72	0.026	0.00

MIN	0.52	0.31	0.003	MIN	0.00
MAX	1.85	0.95	0.054	MAX	0.00
AVE	1.29	0.69	0.027	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/29/2023	12:00 AM	1.20	0.64	0.020	0.00
	1:00 AM	0.90	0.48	0.010	0.00
	2:00 AM	0.77	0.45	0.007	0.00
	3:00 AM	0.68	0.39	0.005	0.00
	4:00 AM	0.54	0.33	0.003	0.00
	5:00 AM	0.60	0.37	0.004	0.00
	6:00 AM	0.65	0.41	0.006	0.00
	7:00 AM	0.89	0.51	0.010	0.00
	8:00 AM	1.30	0.77	0.026	0.00
	9:00 AM	1.50	0.81	0.034	0.00
	10:00 AM	1.74	0.90	0.047	0.00
	11:00 AM	1.88	0.99	0.059	0.00
	12:00 PM	1.81	0.91	0.049	0.00
	1:00 PM	1.74	0.88	0.045	0.00
	2:00 PM	1.66	0.90	0.044	0.00
	3:00 PM	1.67	0.86	0.042	0.00
	4:00 PM	1.54	0.76	0.033	0.00
	5:00 PM	1.76	0.91	0.048	0.00
	6:00 PM	1.78	0.93	0.049	0.00
	7:00 PM	1.86	0.97	0.055	0.00
	8:00 PM	1.97	1.00	0.063	0.00
	9:00 PM	2.09	1.05	0.072	0.00
	10:00 PM	1.94	0.91	0.055	0.00
	11:00 PM	1.52	0.74	0.031	0.00

MIN	0.54	0.33	0.003	MIN	0.00
MAX	2.09	1.05	0.072	MAX	0.00
AVE	1.42	0.74	0.034	TOTAL	0.00

05/30/2023	12:00 AM	1.23	0.57	0.017	0.00
	1:00 AM	0.94	0.48	0.010	0.00
	2:00 AM	0.71	0.39	0.006	0.00
	3:00 AM	0.62	0.41	0.005	0.00
	4:00 AM	0.63	0.34	0.004	0.00
	5:00 AM	0.72	0.42	0.006	0.00
	6:00 AM	0.97	0.59	0.013	0.00
	7:00 AM	1.61	0.77	0.035	0.00
	8:00 AM	1.74	0.89	0.047	0.00
	9:00 AM	1.62	0.87	0.041	0.00
	10:00 AM	1.60	0.86	0.039	0.00
	11:00 AM	1.46	0.68	0.027	0.00
	12:00 PM	1.41	0.70	0.027	0.00
	1:00 PM	1.27	0.66	0.021	0.00
	2:00 PM	1.30	0.72	0.025	0.00
	3:00 PM	1.37	0.71	0.025	0.00
	4:00 PM	1.40	0.75	0.027	0.00
	5:00 PM	1.52	0.70	0.029	0.00
	6:00 PM	1.52	0.75	0.032	0.00
	7:00 PM	1.69	0.84	0.041	0.00
	8:00 PM	1.73	0.84	0.043	0.00
	9:00 PM	1.90	0.95	0.056	0.00
	10:00 PM	1.94	0.96	0.058	0.00
	11:00 PM	1.61	0.80	0.037	0.00

MIN	0.62	0.34	0.004	MIN	0.00
MAX	1.94	0.96	0.058	MAX	0.00
AVE	1.35	0.69	0.028	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
05/31/2023	12:00 AM	1.33	0.63	0.023	0.00
	1:00 AM	1.04	0.53	0.013	0.00
	2:00 AM	0.69	0.36	0.006	0.00
	3:00 AM	0.58	0.34	0.003	0.00
	4:00 AM	0.63	0.32	0.004	0.00
	5:00 AM	0.70	0.39	0.005	0.00
	6:00 AM	1.00	0.57	0.014	0.00
	7:00 AM	1.70	0.83	0.041	0.00
	8:00 AM	1.74	0.89	0.046	0.00
	9:00 AM	1.48	0.79	0.032	0.00
	10:00 AM	1.49	0.75	0.032	0.00
	11:00 AM	1.35	0.70	0.025	0.00
	12:00 PM	1.45	0.74	0.030	0.00
	1:00 PM	1.27	0.68	0.023	0.00
	2:00 PM	1.27	0.72	0.024	0.00
	3:00 PM	1.23	0.64	0.020	0.00
	4:00 PM	1.32	0.74	0.025	0.00
	5:00 PM	1.46	0.77	0.031	0.00
	6:00 PM	1.51	0.79	0.034	0.00
	7:00 PM	1.56	0.85	0.037	0.00
	8:00 PM	1.72	0.91	0.047	0.00
	9:00 PM	1.89	0.96	0.057	0.00
	10:00 PM	1.65	0.83	0.039	0.00
	11:00 PM	1.58	0.81	0.037	0.00

MIN	0.58	0.32	0.003	MIN	0.00
MAX	1.89	0.96	0.057	MAX	0.00
AVE	1.32	0.69	0.027	TOTAL	0.00

06/01/2023	12:00 AM	1.41	0.83	0.031	0.00
	1:00 AM	1.23	0.73	0.023	0.00
	2:00 AM	1.20	0.74	0.022	0.00
	3:00 AM	1.17	0.69	0.020	0.00
	4:00 AM	1.23	0.82	0.025	0.00
	5:00 AM	1.53	0.95	0.042	0.00
	6:00 AM	2.04	1.14	0.075	0.00
	7:00 AM	2.15	1.13	0.079	0.00
	8:00 AM	1.98	1.10	0.069	0.00
	9:00 AM	1.90	1.00	0.059	0.00
	10:00 AM	1.73	0.95	0.049	0.00
	11:00 AM	1.65	0.94	0.045	0.00
	12:00 PM	1.79	1.02	0.055	0.00
	1:00 PM	1.68	0.94	0.046	0.00
	2:00 PM	1.61	0.94	0.043	0.00
	3:00 PM	1.67	1.00	0.049	0.00
	4:00 PM	1.73	1.00	0.051	0.00
	5:00 PM	1.90	1.09	0.064	0.00
	6:00 PM	1.97	1.10	0.068	0.00
	7:00 PM	2.19	1.21	0.087	0.00
	8:00 PM	2.10	1.14	0.077	0.00
	9:00 PM	2.06	1.12	0.074	0.00
	10:00 PM	1.84	1.05	0.059	0.00
	11:00 PM	1.43	0.81	0.031	0.00

MIN	1.17	0.69	0.020	MIN	0.00
MAX	2.19	1.21	0.087	MAX	0.00
AVE	1.72	0.98	0.052	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
06/02/2023	12:00 AM	1.24	1.08	0.035	0.00
	1:00 AM	1.12	0.74	0.020	0.00
	2:00 AM	1.04	0.99	0.023	0.00
	3:00 AM	1.03	0.60	0.014	0.00
	4:00 AM	1.10	0.70	0.018	0.00
	5:00 AM	1.19	1.04	0.034	0.00
	6:00 AM	1.65	1.82	0.102	0.00
	7:00 AM	2.27	3.95	0.319	0.00
	8:00 AM	1.83	1.01	0.055	0.00
	9:00 AM	1.81	1.05	0.057	0.00
	10:00 AM	1.76	0.98	0.051	0.00
	11:00 AM	1.68	0.98	0.048	0.00
	12:00 PM	1.70	0.99	0.049	0.00
	1:00 PM	1.48	1.43	0.063	0.00
	2:00 PM	1.65	0.78	0.037	0.00
	3:00 PM	1.58	0.59	0.027	0.00
	4:00 PM	1.58	0.73	0.035	0.00
	5:00 PM	1.64	0.80	0.038	0.00
	6:00 PM	1.64	0.78	0.036	0.00
	7:00 PM	1.83	0.78	0.043	0.00
	8:00 PM	1.61	0.92	0.044	0.00
	9:00 PM	1.71	1.11	0.055	0.00
	10:00 PM	1.78	0.99	0.056	0.00
	11:00 PM	1.12	0.66	0.019	0.00

MIN	1.03	0.59	0.014	MIN	0.00
MAX	2.27	3.95	0.319	MAX	0.00
AVE	1.54	1.06	0.053	TOTAL	0.00

06/03/2023	12:00 AM	0.51	0.40	0.004	0.00
	1:00 AM	0.77	0.30	0.006	0.00
	2:00 AM	1.21	0.36	0.012	0.00
	3:00 AM	1.11	0.37	0.011	0.00
	4:00 AM	1.35	0.41	0.017	0.00
	5:00 AM	1.05	0.31	0.009	0.00
	6:00 AM	1.16	0.42	0.014	0.00
	7:00 AM	1.41	0.71	0.034	0.00
	8:00 AM	1.44	0.53	0.021	0.00
	9:00 AM	1.50	0.57	0.025	0.00
	10:00 AM	1.53	0.75	0.032	0.00
	11:00 AM	1.59	0.79	0.037	0.00
	12:00 PM	1.58	0.76	0.035	0.00
	1:00 PM	1.57	0.62	0.027	0.00
	2:00 PM	1.46	0.66	0.026	0.00
	3:00 PM	1.66	0.67	0.033	0.00
	4:00 PM	1.55	0.91	0.044	0.03
	5:00 PM	1.42	0.53	0.021	0.01
	6:00 PM	1.57	0.60	0.027	0.00
	7:00 PM	1.55	0.66	0.032	0.00
	8:00 PM	1.63	1.20	0.058	0.00
	9:00 PM	1.53	1.02	0.047	0.00
	10:00 PM	1.42	0.81	0.034	0.00
	11:00 PM	1.08	0.53	0.015	0.00

MIN	0.51	0.30	0.004	MIN	0.00
MAX	1.66	1.20	0.058	MAX	0.03
AVE	1.36	0.62	0.026	TOTAL	0.04

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
06/04/2023	12:00 AM	1.18	0.35	0.011	0.00
	1:00 AM	0.92	0.32	0.007	0.00
	2:00 AM	0.93	0.31	0.007	0.00
	3:00 AM	0.95	0.42	0.009	0.00
	4:00 AM	1.01	0.26	0.006	0.00
	5:00 AM	1.16	0.30	0.009	0.00
	6:00 AM	1.03	0.35	0.009	0.00
	7:00 AM	1.21	0.42	0.015	0.00
	8:00 AM	1.38	0.58	0.022	0.00
	9:00 AM	1.31	0.70	0.025	0.00
	10:00 AM	1.67	0.86	0.043	0.00
	11:00 AM	1.78	0.95	0.052	0.00
	12:00 PM	1.58	0.65	0.030	0.00
	1:00 PM	1.61	0.62	0.029	0.00
	2:00 PM	1.49	1.12	0.049	0.00
	3:00 PM	1.37	0.60	0.022	0.00
	4:00 PM	1.41	0.66	0.025	0.00
	5:00 PM	1.48	0.59	0.025	0.00
	6:00 PM	1.52	0.80	0.037	0.00
	7:00 PM	1.47	0.99	0.043	0.00
	8:00 PM	1.72	0.91	0.049	0.00
	9:00 PM	1.42	0.91	0.034	0.00
	10:00 PM	1.19	0.71	0.023	0.00
	11:00 PM	0.67	0.35	0.005	0.00

MIN	0.67	0.26	0.005	MIN	0.00
MAX	1.78	1.12	0.052	MAX	0.00
AVE	1.31	0.61	0.024	TOTAL	0.00

06/05/2023	12:00 AM	1.08	0.46	0.012	0.00
	1:00 AM	0.83	0.34	0.007	0.00
	2:00 AM	0.58	0.31	0.003	0.00
	3:00 AM	0.39	0.39	0.006	0.00
	4:00 AM	0.63	0.32	0.004	0.00
	5:00 AM	0.61	0.39	0.006	0.00
	6:00 AM	0.68	0.41	0.006	0.00
	7:00 AM	0.86	0.39	0.007	0.00
	8:00 AM	1.11	0.60	0.017	0.00
	9:00 AM	1.44	0.54	0.021	0.00
	10:00 AM	1.70	0.56	0.028	0.00
	11:00 AM	1.72	0.84	0.045	0.00
	12:00 PM	1.92	0.72	0.043	0.00
	1:00 PM	1.80	0.85	0.047	0.00
	2:00 PM	1.84	0.90	0.053	0.00
	3:00 PM	1.82	0.66	0.036	0.00
	4:00 PM	1.85	0.82	0.046	0.00
	5:00 PM	1.77	0.64	0.035	0.00
	6:00 PM	1.48	0.46	0.018	0.00
	7:00 PM	1.62	0.75	0.037	0.00
	8:00 PM	1.60	0.65	0.030	0.00
	9:00 PM	1.52	1.03	0.047	0.00
	10:00 PM	1.19	0.56	0.018	0.00
	11:00 PM	1.01	0.45	0.012	0.00

MIN	0.39	0.31	0.003	MIN	0.00
MAX	1.92	1.03	0.053	MAX	0.00
AVE	1.29	0.59	0.024	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
06/06/2023	12:00 AM	0.89	0.31	0.006	0.00
	1:00 AM	0.92	0.29	0.006	0.00
	2:00 AM	0.84	0.36	0.009	0.00
	3:00 AM	0.87	0.32	0.006	0.00
	4:00 AM	0.79	0.29	0.005	0.00
	5:00 AM	0.78	0.38	0.009	0.00
	6:00 AM	0.99	0.35	0.008	0.00
	7:00 AM	1.23	0.41	0.014	0.00
	8:00 AM	1.46	0.46	0.019	0.00
	9:00 AM	1.75	0.65	0.034	0.00
	10:00 AM	1.78	0.79	0.042	0.00
	11:00 AM	1.94	1.05	0.064	0.00
	12:00 PM	1.97	0.99	0.063	0.00
	1:00 PM	1.90	0.99	0.062	0.00
	2:00 PM	1.76	0.69	0.036	0.00
	3:00 PM	1.86	1.02	0.061	0.00
	4:00 PM	1.86	0.91	0.052	0.00
	5:00 PM	1.93	1.05	0.067	0.00
	6:00 PM	1.84	0.70	0.040	0.00
	7:00 PM	1.82	1.10	0.070	0.00
	8:00 PM	2.19	0.89	0.071	0.00
	9:00 PM	2.35	0.81	0.073	0.00
	10:00 PM	1.49	0.59	0.025	0.00
	11:00 PM	1.29	0.36	0.012	0.00

MIN	0.78	0.29	0.005	MIN	0.00
MAX	2.35	1.10	0.073	MAX	0.00
AVE	1.52	0.66	0.036	TOTAL	0.00

06/07/2023	12:00 AM	1.33	0.33	0.012	0.00
	1:00 AM	1.09	0.32	0.009	0.00
	2:00 AM	1.03	0.31	0.008	0.00
	3:00 AM	1.26	0.46	0.015	0.00
	4:00 AM	0.92	0.22	0.005	0.00
	5:00 AM	0.99	0.31	0.007	0.00
	6:00 AM	1.06	0.37	0.009	0.00
	7:00 AM	1.24	0.41	0.014	0.00
	8:00 AM	1.32	0.47	0.017	0.00
	9:00 AM	1.79	0.67	0.038	0.00
	10:00 AM	1.86	0.94	0.055	0.00
	11:00 AM	1.84	0.90	0.051	0.00
	12:00 PM	1.79	0.80	0.042	0.00
	1:00 PM	1.78	0.74	0.040	0.00
	2:00 PM	1.67	0.99	0.050	0.00
	3:00 PM	1.66	0.86	0.042	0.00
	4:00 PM	1.72	0.83	0.043	0.00
	5:00 PM	1.74	1.18	0.067	0.00
	6:00 PM	1.73	0.82	0.043	0.00
	7:00 PM	1.71	0.75	0.039	0.00
	8:00 PM	1.48	0.70	0.033	0.00
	9:00 PM	1.54	0.90	0.041	0.00
	10:00 PM	1.15	0.75	0.021	0.00
	11:00 PM	0.65	0.31	0.004	0.00

MIN	0.65	0.22	0.004	MIN	0.00
MAX	1.86	1.18	0.067	MAX	0.00
AVE	1.43	0.64	0.029	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
06/08/2023	12:00 AM	0.77	0.34	0.005	0.00
	1:00 AM	0.80	0.51	0.009	0.00
	2:00 AM	0.82	0.34	0.006	0.00
	3:00 AM	1.07	0.38	0.010	0.00
	4:00 AM	0.67	0.29	0.004	0.00
	5:00 AM	0.69	0.32	0.005	0.00
	6:00 AM	0.70	0.34	0.005	0.00
	7:00 AM	1.10	0.41	0.011	0.00
	8:00 AM	1.29	0.44	0.015	0.00
	9:00 AM	1.63	0.65	0.032	0.00
	10:00 AM	1.83	0.77	0.044	0.00
	11:00 AM	1.97	0.92	0.057	0.00
	12:00 PM	1.88	0.94	0.054	0.00
	1:00 PM	1.96	1.12	0.070	0.00
	2:00 PM	1.76	0.93	0.050	0.00
	3:00 PM	1.97	0.81	0.051	0.00
	4:00 PM	1.73	0.63	0.032	0.00
	5:00 PM	1.78	0.75	0.040	0.00
	6:00 PM	1.61	0.64	0.030	0.00
	7:00 PM	1.65	0.66	0.031	0.00
	8:00 PM	1.74	0.91	0.051	0.00
	9:00 PM	4.27	5.76	1.248	0.00
	10:00 PM	4.42	7.46	1.460	0.00
	11:00 PM	3.78	7.51	1.179	0.00

MIN	0.67	0.29	0.004	MIN	0.00
MAX	4.42	7.51	1.460	MAX	0.00
AVE	1.75	1.41	0.187	TOTAL	0.00

06/09/2023	12:00 AM	3.82	7.62	1.215	0.00
	1:00 AM	3.79	7.54	1.200	0.00
	2:00 AM	1.62	2.39	0.156	0.00
	3:00 AM	1.00	0.53	0.013	0.00
	4:00 AM	1.01	0.36	0.008	0.00
	5:00 AM	1.12	0.39	0.011	0.00
	6:00 AM	1.24	0.50	0.016	0.00
	7:00 AM	1.28	0.50	0.017	0.00
	8:00 AM	1.14	0.40	0.011	0.00
	9:00 AM	1.37	0.61	0.025	0.00
	10:00 AM	1.45	0.60	0.024	0.00
	11:00 AM	1.39	0.62	0.023	0.00
	12:00 PM	1.56	0.77	0.034	0.00
	1:00 PM	1.58	0.71	0.032	0.00
	2:00 PM	1.60	0.65	0.030	0.00
	3:00 PM	1.49	0.57	0.024	0.00
	4:00 PM	1.60	0.60	0.028	0.00
	5:00 PM	1.78	0.75	0.041	0.00
	6:00 PM	1.77	0.76	0.041	0.00
	7:00 PM	1.75	0.81	0.043	0.00
	8:00 PM	1.78	0.79	0.044	0.00
	9:00 PM	1.71	0.73	0.037	0.00
	10:00 PM	1.55	0.58	0.026	0.00
	11:00 PM	1.34	0.26	0.010	0.00

MIN	1.00	0.26	0.008	MIN	0.00
MAX	3.82	7.62	1.215	MAX	0.00
AVE	1.66	1.25	0.130	TOTAL	0.00

	Time	Head inches	Velocity fps	Flow MGD	Precip. inches
06/10/2023	12:00 AM	1.45	0.46	0.023	0.00
	1:00 AM	1.26	0.28	0.010	0.00
	2:00 AM	0.91	0.22	0.005	0.00
	3:00 AM	1.28	0.29	0.012	0.00
	4:00 AM	0.87	0.15	0.003	0.00
	5:00 AM	0.89	0.19	0.004	0.00
	6:00 AM	1.11	0.30	0.009	0.00
	7:00 AM	1.35	0.36	0.017	0.00
	8:00 AM	1.08	0.39	0.012	0.00
	9:00 AM	0.95	0.55	0.014	0.00
	10:00 AM	1.11	0.60	0.016	0.00
	11:00 AM	1.20	0.57	0.017	0.00
	12:00 PM	1.40	0.70	0.027	0.00
	1:00 PM	1.33	0.62	0.023	0.00
	2:00 PM	1.28	0.64	0.022	0.00
	3:00 PM	1.25	0.67	0.022	0.00
	4:00 PM	1.26	0.69	0.026	0.00
	5:00 PM	1.20	0.74	0.024	0.00
	6:00 PM	1.32	0.68	0.026	0.00
	7:00 PM	1.27	0.75	0.025	0.00
	8:00 PM	1.22	0.78	0.025	0.00
	9:00 PM	1.19	0.95	0.032	0.00
	10:00 PM	0.99	0.65	0.017	0.00
	11:00 PM	0.78	0.59	0.015	0.00

MIN	0.78	0.15	0.003	MIN	0.00
MAX	1.45	0.95	0.032	MAX	0.00
AVE	1.16	0.53	0.018	TOTAL	0.00

06/11/2023	12:00 AM	0.57	0.22	0.003	0.00
	1:00 AM	0.63	0.24	0.003	0.00
	2:00 AM	0.69	0.27	0.004	0.00
	3:00 AM	0.48	0.19	0.001	0.00
	4:00 AM	0.46	0.12	0.001	0.00
	5:00 AM	0.49	0.12	0.001	0.00
	6:00 AM	0.53	0.19	0.002	0.00
	7:00 AM	0.89	0.35	0.011	0.00
	8:00 AM	0.86	0.39	0.008	0.00
	9:00 AM	0.89	0.48	0.009	0.00
	10:00 AM	1.35	0.44	0.016	0.00
	11:00 AM	1.69	0.68	0.034	0.00
	12:00 PM	1.57	0.51	0.023	0.00
	1:00 PM	1.71	0.56	0.031	0.00
	2:00 PM	1.64	0.63	0.031	0.00
	3:00 PM	1.73	0.56	0.030	0.00
	4:00 PM	1.81	0.54	0.030	0.00
	5:00 PM	1.88	0.63	0.037	0.02
	6:00 PM	1.77	0.72	0.038	0.00
	7:00 PM	1.84	0.74	0.042	0.00
	8:00 PM	1.87	0.73	0.042	0.00
	9:00 PM	1.83	0.89	0.052	0.00
	10:00 PM	1.48	0.50	0.021	0.00
	11:00 PM	1.38	0.37	0.018	0.00

MIN	0.46	0.12	0.001	MIN	0.00
MAX	1.88	0.89	0.052	MAX	0.02
AVE	1.25	0.46	0.020	TOTAL	0.03

