

Montague, MA

Montague, MA

June 2024 Report Submitted to **Montague, MA**
July 9, 2024



ADS ENVIRONMENTAL SERVICES

340 The Bridge Street, Suite 204
Huntsville, AL 35806

800-633-7246
www.adsenv.com



July 9, 2024

Tom Bergeron,
DPW Superintendent
1 Avenue A
Turners Falls MA 01376

SUBJECT: Montague, MA

Dear Mr. Bergeron,

ADS is pleased to submit the report for the Montague, MA completed on behalf of Montague, MA. The metering was conducted at five (5) locations. The study was conducted during the period of Saturday, 01 June 2024 to Sunday, 30 June 2024.

The report contains depth, velocity, and quantity hydrographs as well as daily long tables for the metering period. An Excel file containing depth, quantity, and velocity entities for the monitoring location in 5-minute format was provided previously.

In addition, we would be happy to further explain any details about the report that may seem unclear. Should you have any questions or comments, you may contact the Project Manager, Scott Neesen at 603.484.0186.

It has been our pleasure to be of service to you in the performance of this project. Thank you for choosing ADS products and services to meet your flow monitoring needs.

Sincerely,

ADS ENVIRONMENTAL SERVICES

Melissa Hygom
Senior Hydraulic Data Analyst, Congers, NY

Saturday, 01 June 2024 to Sunday, 30 June 2024



Montague, MA

Prepared For:

Tom Bergeron,
DPW Superintendent
1 Avenue A
Turners Falls MA 01376

Prepared By:



ADS, LLC
340 The Bridge Street, Suite 204
Huntsville, AL 35806

7th_L_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (14.25 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024**, along with observed minimum and maximum data, are provided in the following table.

Three (3) overflows recorded during the June metering period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	1.68	1.37
Minimum	0.80	0.00
Maximum	39.85	14.07
Min Time	06/23/2024 4:10:00 AM	06/30/2024 6:05:00 AM
Max Time	06/22/2024 1:15:00 PM	06/22/2024 2:35:00 PM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100



7th_L_CSO	Total	Duration	Start	Stop	Rain
W1	1,913	0:20:00	6/20/24 19:50	6/20/24 20:10	0.95
W2	52,000	1:00:00	6/22/24 13:05 6/22/24 14:25	6/22/24 13:45 6/22/24 14:45	1.33
W3	2,323	0:15:00	6/30/24 17:25	6/30/24 17:40	0.45

Total	Gals. 56,236	Hrs. 1:35:00	Rain 2.73
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Hydrograph Report

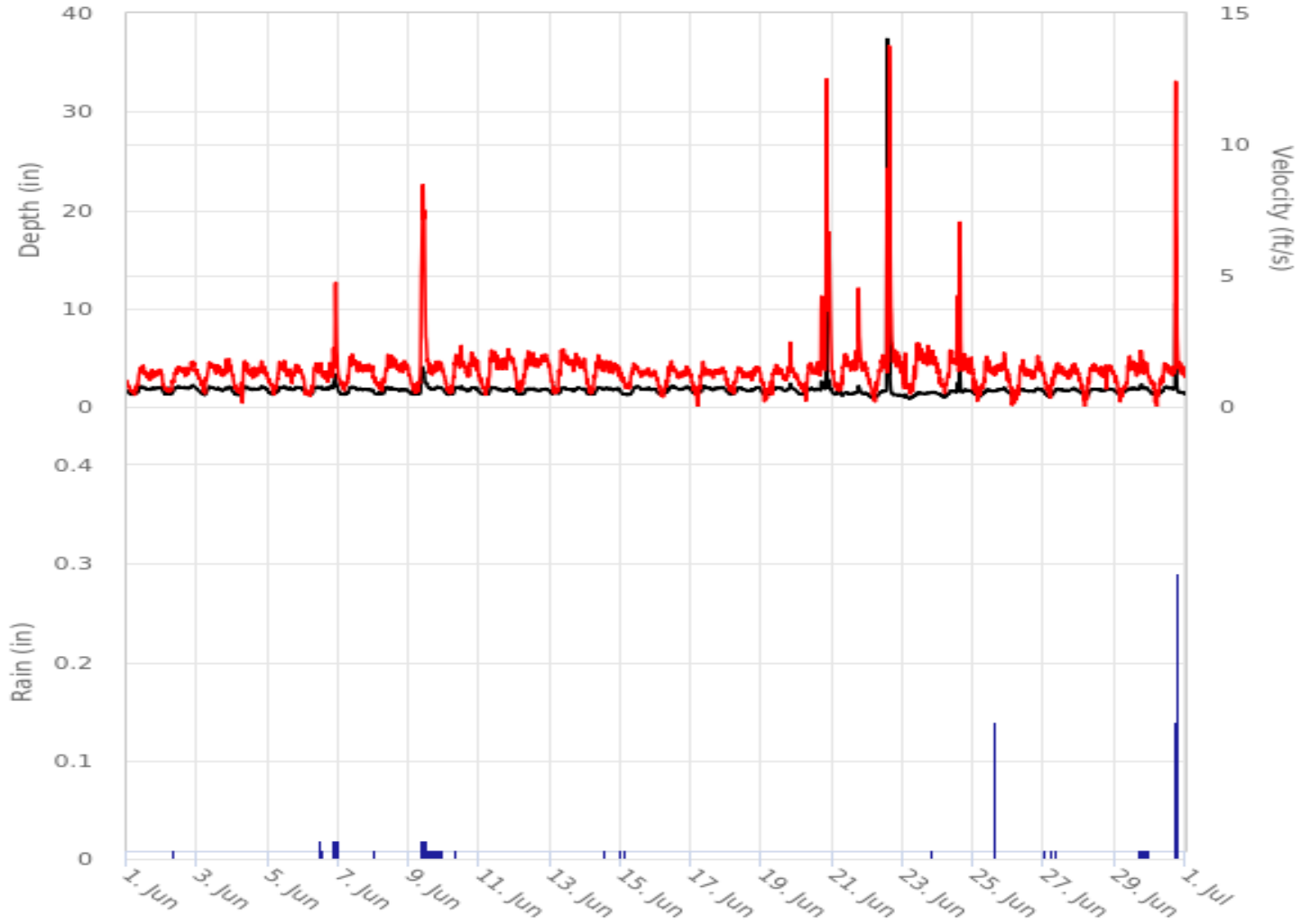
7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

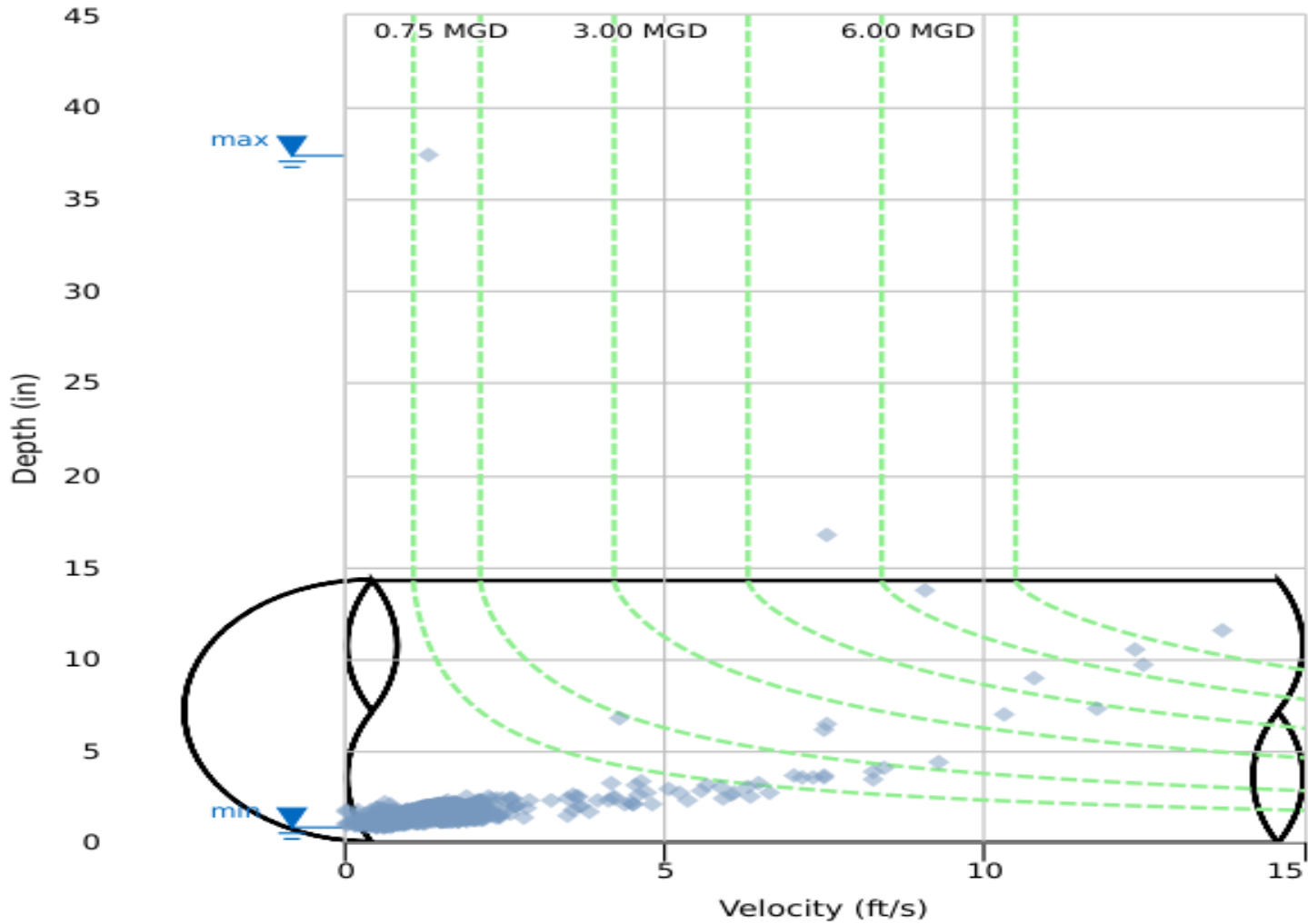
7th_L_CSO

Flow Monitor
7th_L_CSO

Pipe Height
14.25
in

Report Period
06/01/2024
To
06/30/2024

Legend
○ DFINAL - VFINAL
- Iso-QTM
▼ Min-Max Depth



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59
 7th_L_CSOPipe: Round (14.25 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
06/01/2024	03:25	1.20	09:35	2.08	1.70	05:20	0.00	11:00	1.59	1.09	-
06/02/2024	05:45	1.22	20:55	2.24	1.77	04:35	0.53	19:40	1.82	1.19	0.01
06/03/2024	05:10	1.20	08:15	2.13	1.71	05:05	0.47	21:30	1.89	1.30	-
06/04/2024	02:50	1.19	08:25	2.09	1.69	06:25	0.00	08:30	1.91	1.19	-
06/05/2024	03:45	1.22	11:10	2.16	1.73	04:25	0.39	11:00	1.84	1.21	-
06/06/2024	04:50	1.20	21:40	3.33	1.80	04:45	0.38	22:00	5.01	1.29	0.17
06/07/2024	03:50	1.21	09:25	2.08	1.65	04:10	0.54	09:25	2.13	1.35	0.01
06/08/2024	03:40	1.23	06:55	2.59	1.64	05:55	0.53	09:35	2.08	1.34	-
06/09/2024	03:50	1.22	09:20	4.03	1.89	04:45	0.43	09:25	8.52	1.96	0.44
06/10/2024	02:40	1.20	11:35	2.12	1.67	04:00	0.48	11:30	2.55	1.37	0.01
06/11/2024	03:50	1.21	08:20	2.03	1.64	04:10	0.42	19:50	2.27	1.49	-
06/12/2024	03:50	1.22	12:30	1.92	1.62	02:55	0.53	12:25	2.20	1.52	-
06/13/2024	01:45	1.24	01:50	2.77	1.71	02:55	0.43	09:00	2.39	1.47	-
06/14/2024	03:05	1.23	09:10	2.04	1.67	04:00	0.41	08:30	2.17	1.32	0.02
06/15/2024	03:35	1.20	11:55	2.10	1.65	04:45	0.62	08:50	1.83	1.20	0.01
06/16/2024	05:05	1.29	10:40	2.18	1.74	04:50	0.35	10:35	1.77	1.13	-
06/17/2024	01:35	1.29	08:15	2.16	1.79	03:55	0.00	08:05	1.76	1.13	-
06/18/2024	02:30	1.21	21:25	2.02	1.66	04:50	0.00	20:05	1.61	1.15	-
06/19/2024	03:50	1.24	19:20	2.38	1.67	01:45	0.00	19:20	2.46	1.13	-
06/20/2024	04:05	1.21	19:55	11.48	1.92	06:05	0.00	20:00	12.82	2.03	-
06/21/2024	06:40	1.03	17:40	2.14	1.40	04:50	0.54	17:50	4.58	1.49	-
06/22/2024	03:10	0.86	13:15	39.85	2.24	03:20	0.00	14:35	14.07	2.08	-
06/23/2024	04:10	0.80	20:20	1.54	1.24	05:10	0.47	11:10	2.59	1.54	0.01
06/24/2024	04:50	0.92	14:55	4.92	1.51	04:30	0.47	14:55	8.62	1.64	-
06/25/2024	04:40	1.01	20:50	1.98	1.52	01:55	0.00	10:45	2.12	1.23	0.14
06/26/2024	02:35	1.00	19:30	1.90	1.53	02:05	0.00	19:30	1.98	1.14	0.01
06/27/2024	03:30	0.92	19:55	1.91	1.56	04:35	0.32	09:35	1.70	1.18	0.02
06/28/2024	03:15	0.94	20:00	1.87	1.57	03:00	0.00	10:05	1.73	1.17	-
06/29/2024	05:05	1.20	18:25	2.29	1.70	03:50	0.00	17:25	2.22	1.24	0.09
06/30/2024	04:50	0.99	17:30	13.21	1.79	03:35	0.00	17:30	13.05	1.55	0.46

06/01/2024 00:00 - 06/30/2024 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			1.40
Average	1.68	1.37	

Ave_A_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (21 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024**, along with observed minimum and maximum data, are provided in the following table.

Three (3) overflows recorded during the June metering period.

Observed Flow Conditions	
Item	DFINAL (in)
Average	4.33
Minimum	2.29
Maximum	72.81
Min Time	06/18/2024 4:40:00 AM
Max Time	06/22/2024 1:20:00 PM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

Percent Uptime	
DFINAL (in)	99.965

Ave_A_CSO	Total	Duration	Start	Stop	Rain
W1	17	0:05:00	6/20/24 20:00	6/20/24 20:05	0.95
W2	147,817	0:35:00	6/22/24 13:10 6/22/24 14:30	6/22/24 13:40 6/22/24 14:35	1.33
W3	214	0:05:00	6/30/24 17:30	6/30/24 17:35	0.45

	Gals.	Hrs.	Rain
Total	148,048	0:45:00	2.73

Hydrograph Report

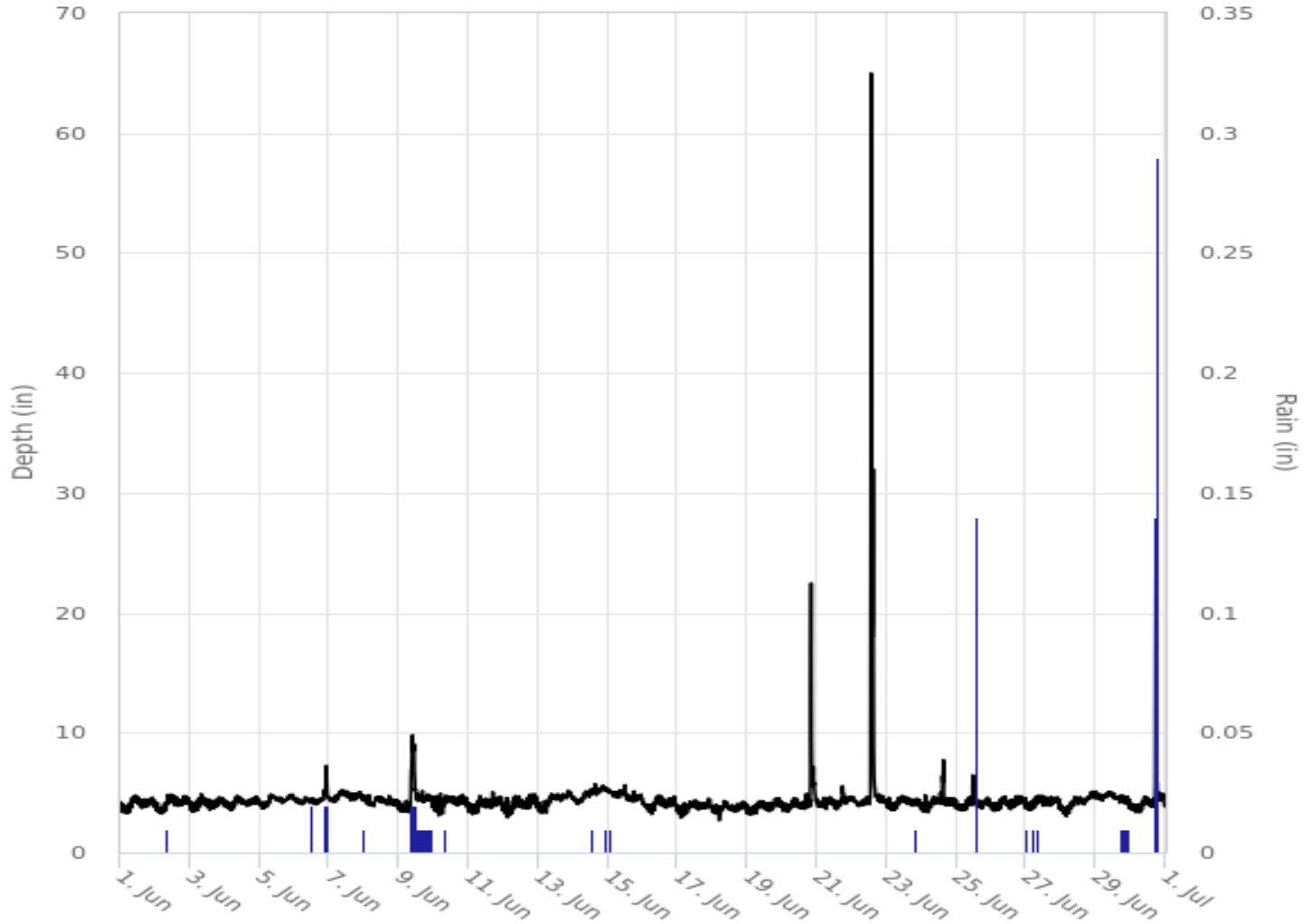
Ave_A_CSO

Flow Monitor
Ave_A_CSO

Pipe Height
21.00
in

Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59
 Ave_A_CSOPipe: Round (21 in H), Silt0.00 in

Date	DFINAL (in)					Rain (in)
	Time	Min	Time	Max	Avg	Total
06/01/2024	04:35	3.24	10:55	5.60	4.03	-
06/02/2024	03:35	3.17	09:10	5.52	4.06	0.01
06/03/2024	01:55	3.32	10:40	5.34	4.11	-
06/04/2024	04:50	3.20	08:40	5.45	4.22	-
06/05/2024	02:55	3.47	10:50	5.48	4.37	-
06/06/2024	03:40	3.50	21:55	7.60	4.45	0.17
06/07/2024	03:40	3.68	21:25	5.69	4.68	0.01
06/08/2024	04:05	3.37	17:00	6.41	4.27	-
06/09/2024	06:35	3.21	09:10	10.08	4.70	0.44
06/10/2024	03:20	3.01	20:20	5.22	4.21	0.01
06/11/2024	02:40	2.90	16:40	6.49	4.00	-
06/12/2024	02:45	2.48	21:20	5.57	3.99	-
06/13/2024	04:50	3.08	20:40	5.81	4.37	-
06/14/2024	03:00	3.44	18:15	6.01	4.88	0.02
06/15/2024	23:55	3.52	11:45	6.49	4.76	0.01
06/16/2024	04:45	3.03	12:15	5.54	4.06	-
06/17/2024	04:55	2.48	21:05	5.15	3.74	-
06/18/2024	04:40	2.29	09:10	5.03	3.70	-
06/19/2024	03:35	3.09	20:15	5.10	3.81	-
06/20/2024	04:05	3.26	20:00	27.50	4.57	-
06/21/2024	13:25	3.17	17:35	5.90	4.22	-
06/22/2024	05:35	3.47	13:20	72.81	6.47	-
06/23/2024	05:30	3.46	10:45	5.28	4.16	0.01
06/24/2024	03:45	3.29	15:05	8.20	4.23	-
06/25/2024	05:20	3.33	11:25	6.90	4.08	0.14
06/26/2024	01:15	3.31	23:20	5.32	4.11	0.01
06/27/2024	01:50	3.35	11:20	5.52	4.21	0.02
06/28/2024	03:55	2.93	21:50	5.60	4.19	-
06/29/2024	23:30	3.62	17:20	5.60	4.61	0.09
06/30/2024	03:55	3.14	17:30	28.43	4.63	0.46

06/01/2024 00:00 - 06/30/2024 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			1.40
Average	4.33		

CSO_ChlorineChamber

Site Commentary

SITE INFORMATION

Pipe	Elliptical (24.38 in H x 24.62 in W)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024**, along with observed minimum and maximum data, are provided in the following table.

Zero (0) discharges recorded during the June metering period.

Observed Flow Conditions			
Item	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)
Average	0.00	0.00	0.000
Minimum	0.00	0.00	0.000
Maximum	0.00	0.00	0.000
Min Time	06/30/2024 11:55:00 PM	06/30/2024 11:55:00 PM	06/30/2024 11:55:00 PM
Max Time	06/01/2024 12:00:00 AM	06/01/2024 12:00:00 AM	06/01/2024 12:00:00 AM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the none average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the none average.

DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100
QFINAL (MGD - Total MG)	100

Hydrograph Report

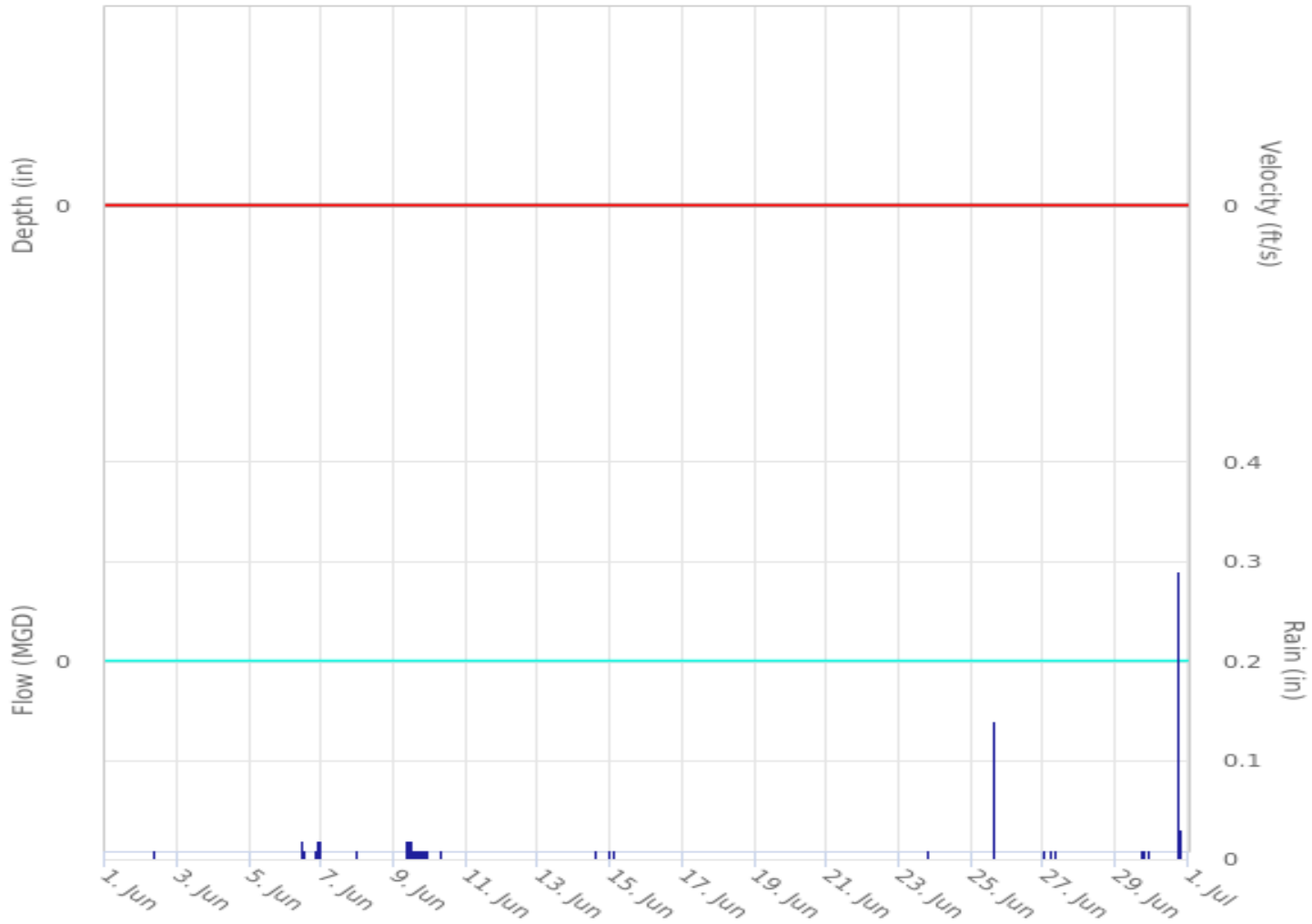
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL
— QFINAL



Scattergraph Report

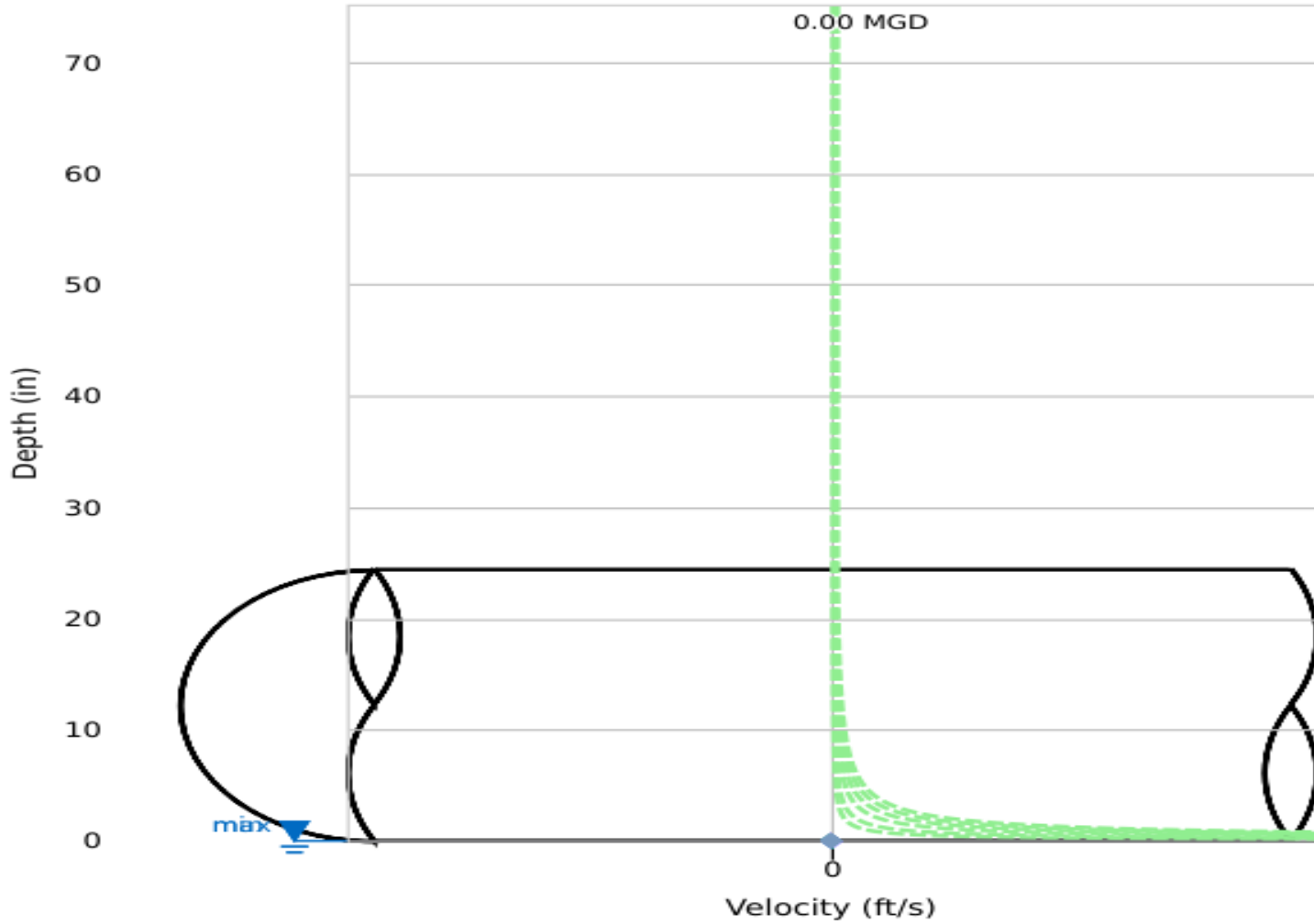
CSO_ChlorineChamber

Flow Monitor
CSO_ChlorineChamber

Pipe Height
24.38
in

Report Period
06/01/2024
To
06/30/2024

Legend
○ DFINAL - VFINAL
- Iso-Q™
▲ Min-Max Depth



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59

CSO_ChlorineChamberPipe: Elliptical (24.38 in H x 24.62 in W), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					QFINAL (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
06/01/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/02/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/03/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/04/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/05/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/06/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.17
06/07/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/08/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/09/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.44
06/10/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/11/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/12/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/13/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/14/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.02
06/15/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/16/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/17/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/18/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/19/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/20/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/21/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/22/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/23/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/24/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/25/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.14
06/26/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.01
06/27/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.02
06/28/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	-
06/29/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.09
06/30/2024	00:00	0.00	00:00	0.00	0.00	00:00	0.00	00:00	0.00	0.00	00:00	0.000	00:00	0.000	0.000	0.000	0.46

06/01/2024 00:00 - 06/30/2024 23:59

	DFINAL (in)	VFINAL (ft/s)	QFINAL (MGD - Total MG)	Rain (in)
Total			0.000	1.40
Average	0.00	0.00	0.000	

Greenfield_CSO

Site Commentary

SITE INFORMATION

Pipe	Round (36 in H)
Silt	0.00 (in)

OBSERVATIONS

Average flow depth, velocity, and quantity data observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024**, along with observed minimum and maximum data, are provided in the following table.

Three (3) overflows recorded during the June metering period.

Observed Flow Conditions		
Item	DFINAL (in)	VFINAL (ft/s)
Average	4.75	2.03
Minimum	2.51	0.68
Maximum	45.40	3.30
Min Time	06/01/2024 6:05:00 AM	06/30/2024 5:55:00 PM
Max Time	06/22/2024 1:55:00 PM	06/30/2024 5:50:00 PM

Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Values in the Observed Flow Conditions are based on the five minute average.

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

Percent Uptime	
DFINAL (in)	100
VFINAL (ft/s)	100



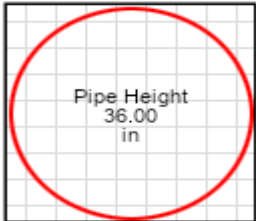
GFLD_CSO	Total	Duration	Start	Stop	Rain
W1	1,454	0:25:00	6/20/24 20:35	6/20/24 21:00	0.95
W2	15,067	1:55:00	6/22/24 13:45	6/22/24 15:40	1.33
W3	742	0:20:00	6/30/24 18:10	6/30/24 18:30	0.45

	Gals.	Hrs.	Rain
Total	17,262	2:40:00	2.73

Hydrograph Report

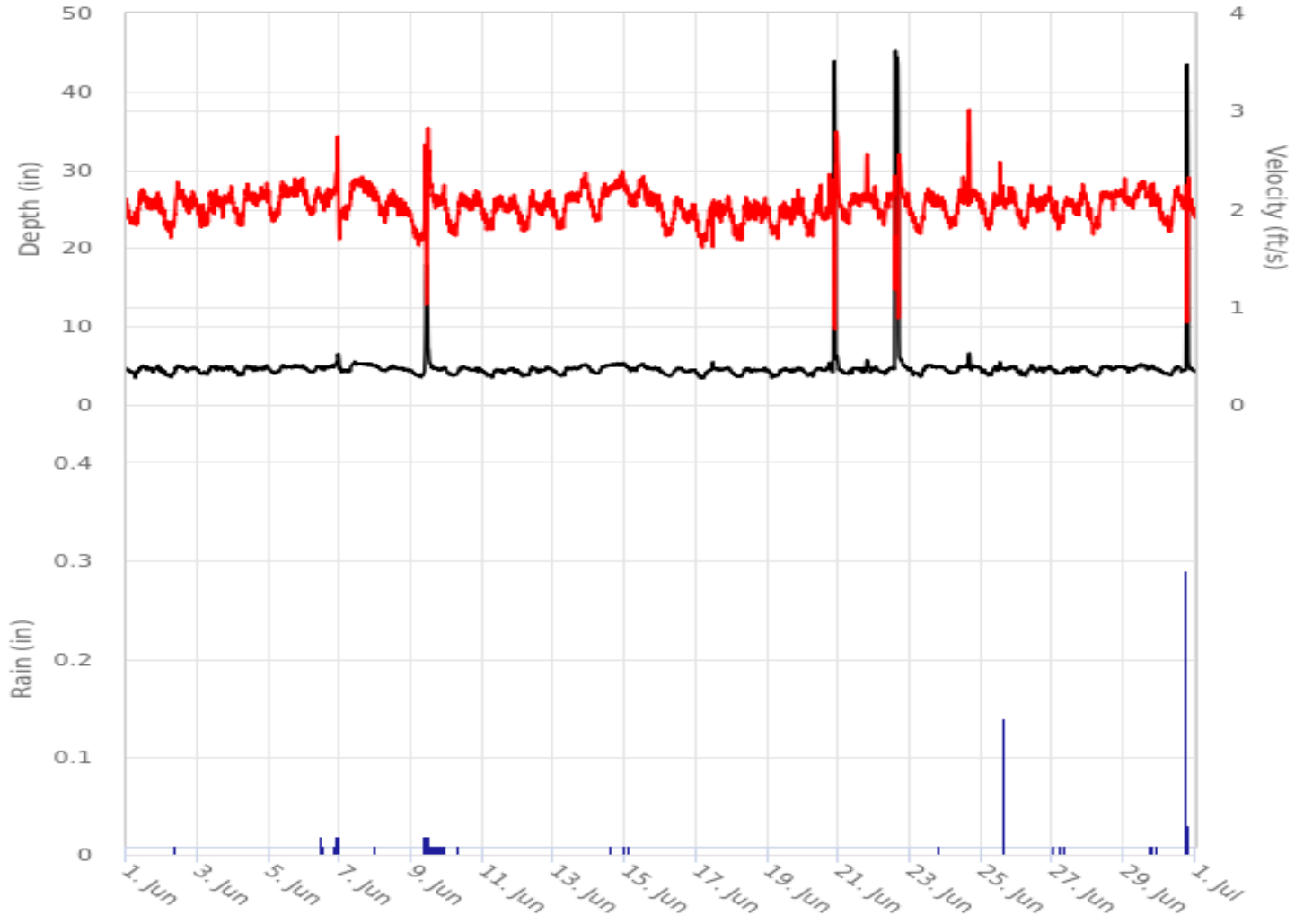
Greenfield_CSO

Flow Monitor
Greenfield_CSO



Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL



Scattergraph Report

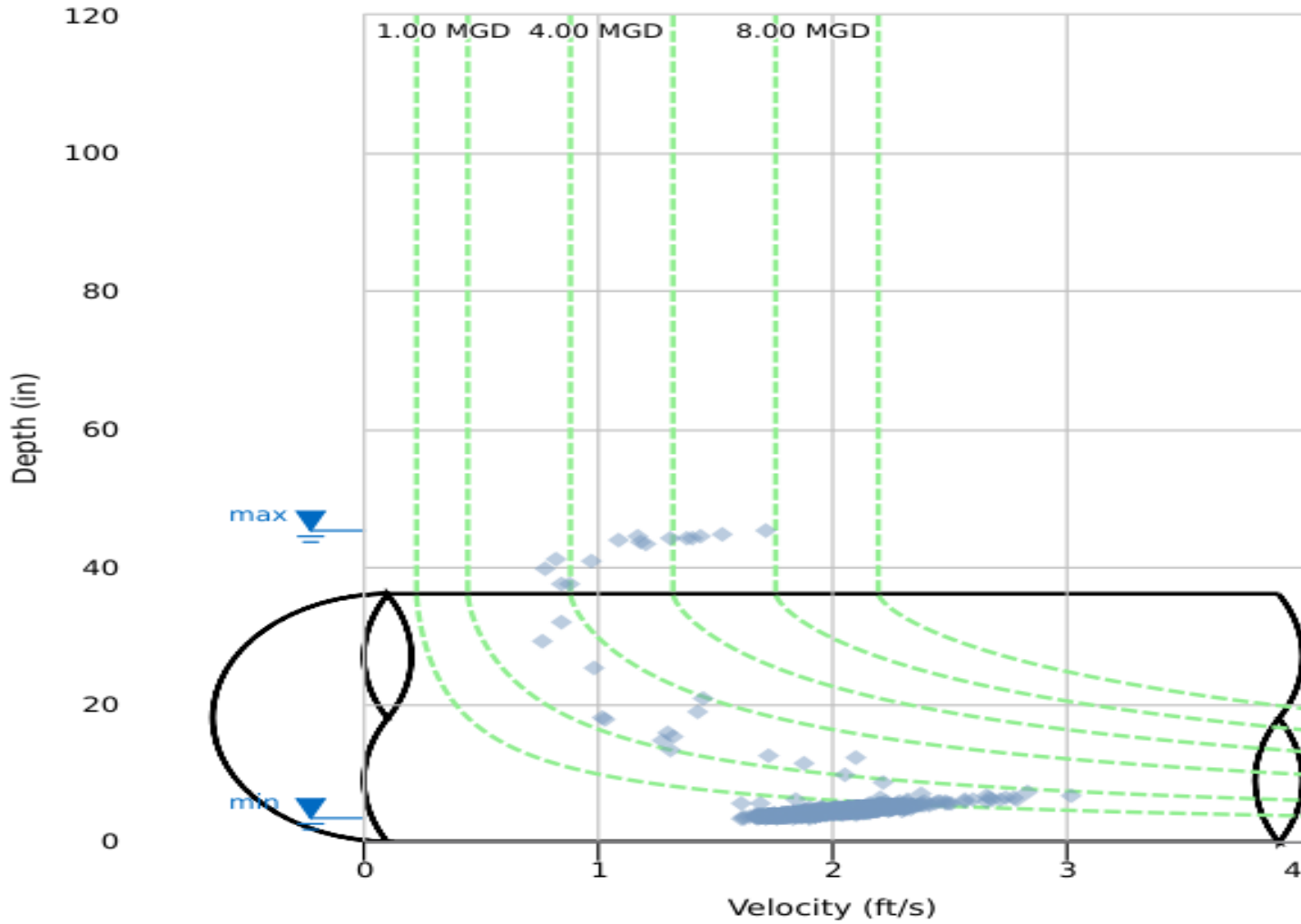
Greenfield_CSO

Flow Monitor
Greenfield_CSO

Pipe Height
36.00
in

Report Period
06/01/2024
To
06/30/2024

Legend
○ DFINAL - VFINAL
- - Iso-Q™
▼ Min-Max Depth



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59

Greenfield_CSOPipe: Round (36 in H), Silt0.00 in

Date	DFINAL (in)					VFINAL (ft/s)					Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total
06/01/2024	06:05	2.51	21:25	5.10	4.47	07:50	1.82	21:25	2.25	2.03	-
06/02/2024	06:05	3.19	10:20	5.01	4.39	06:00	1.70	10:20	2.29	2.00	0.01
06/03/2024	06:25	3.65	11:20	5.38	4.49	11:20	1.68	12:45	2.26	2.04	-
06/04/2024	03:50	3.51	22:35	5.05	4.52	04:25	1.79	22:35	2.31	2.07	-
06/05/2024	03:00	3.96	22:45	5.07	4.64	02:55	1.81	22:45	2.42	2.12	-
06/06/2024	05:25	3.93	22:55	6.67	4.74	23:15	1.19	22:35	2.78	2.11	0.17
06/07/2024	04:55	4.00	09:45	5.56	4.94	00:15	1.85	14:50	2.36	2.15	0.01
06/08/2024	22:15	4.10	11:35	5.07	4.59	06:25	1.80	11:20	2.23	2.03	-
06/09/2024	06:25	3.24	10:10	18.30	5.15	10:10	0.90	11:15	2.87	1.96	0.44
06/10/2024	04:15	3.65	09:50	4.81	4.34	04:15	1.68	19:15	2.25	2.00	0.01
06/11/2024	06:20	3.23	19:25	4.67	4.22	05:25	1.72	21:10	2.21	1.99	-
06/12/2024	02:20	3.49	09:15	4.90	4.29	06:00	1.73	21:10	2.24	1.99	-
06/13/2024	04:50	3.36	21:35	5.22	4.50	02:55	1.76	21:20	2.42	2.07	-
06/14/2024	05:10	3.94	19:00	5.93	4.77	03:55	1.81	21:55	2.47	2.15	0.02
06/15/2024	07:10	4.05	12:10	5.29	4.70	21:40	1.93	12:20	2.35	2.13	0.01
06/16/2024	06:30	3.65	11:20	4.78	4.21	03:35	1.69	13:25	2.17	1.93	-
06/17/2024	04:40	3.20	11:10	7.36	4.27	11:10	0.86	13:15	2.18	1.90	-
06/18/2024	05:00	3.55	22:20	5.34	4.21	05:15	1.58	09:15	2.16	1.92	-
06/19/2024	02:45	3.31	20:30	4.76	4.24	06:35	1.68	20:30	2.24	1.94	-
06/20/2024	06:20	3.23	20:50	44.23	6.12	21:15	0.72	22:20	2.82	1.94	-
06/21/2024	17:30	3.82	18:50	5.75	4.45	06:25	1.78	18:55	2.57	2.07	-
06/22/2024	07:10	3.72	13:55	45.40	8.71	15:55	0.85	16:25	2.62	1.99	-
06/23/2024	06:50	3.31	12:25	5.08	4.53	06:45	1.73	15:00	2.26	2.00	0.01
06/24/2024	07:35	3.96	15:50	6.62	4.65	02:45	1.75	15:50	3.07	2.07	-
06/25/2024	04:30	3.55	12:20	5.48	4.50	05:05	1.77	12:20	2.52	2.05	0.14
06/26/2024	05:45	3.49	09:35	5.09	4.41	04:50	1.77	09:40	2.25	2.02	0.01
06/27/2024	02:20	3.67	20:15	4.93	4.43	03:35	1.72	20:05	2.27	2.02	0.02
06/28/2024	05:50	3.40	12:10	4.96	4.49	03:25	1.72	18:30	2.25	2.05	-
06/29/2024	02:50	3.99	11:40	5.39	4.71	06:00	1.92	00:35	2.39	2.14	0.09
06/30/2024	07:10	3.69	18:20	43.59	5.95	17:55	0.68	17:50	3.30	1.95	0.46

06/01/2024 00:00 - 06/30/2024 23:59

	DFINAL (in)	VFINAL (ft/s)	Rain (in)
Total			1.40
Average	4.75	2.03	

RG1

Site Commentary

SITE INFORMATION

Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the five minute average.

DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

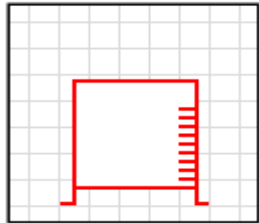
Percent Uptime	
DFINAL (in)	100

Meter was found to be underreporting rain. ADS field crew replaced meter on 6/25/24. Overflow data reported using USGS RG located at the Deerfield River at Charlemont, MA.

Hydrograph Report

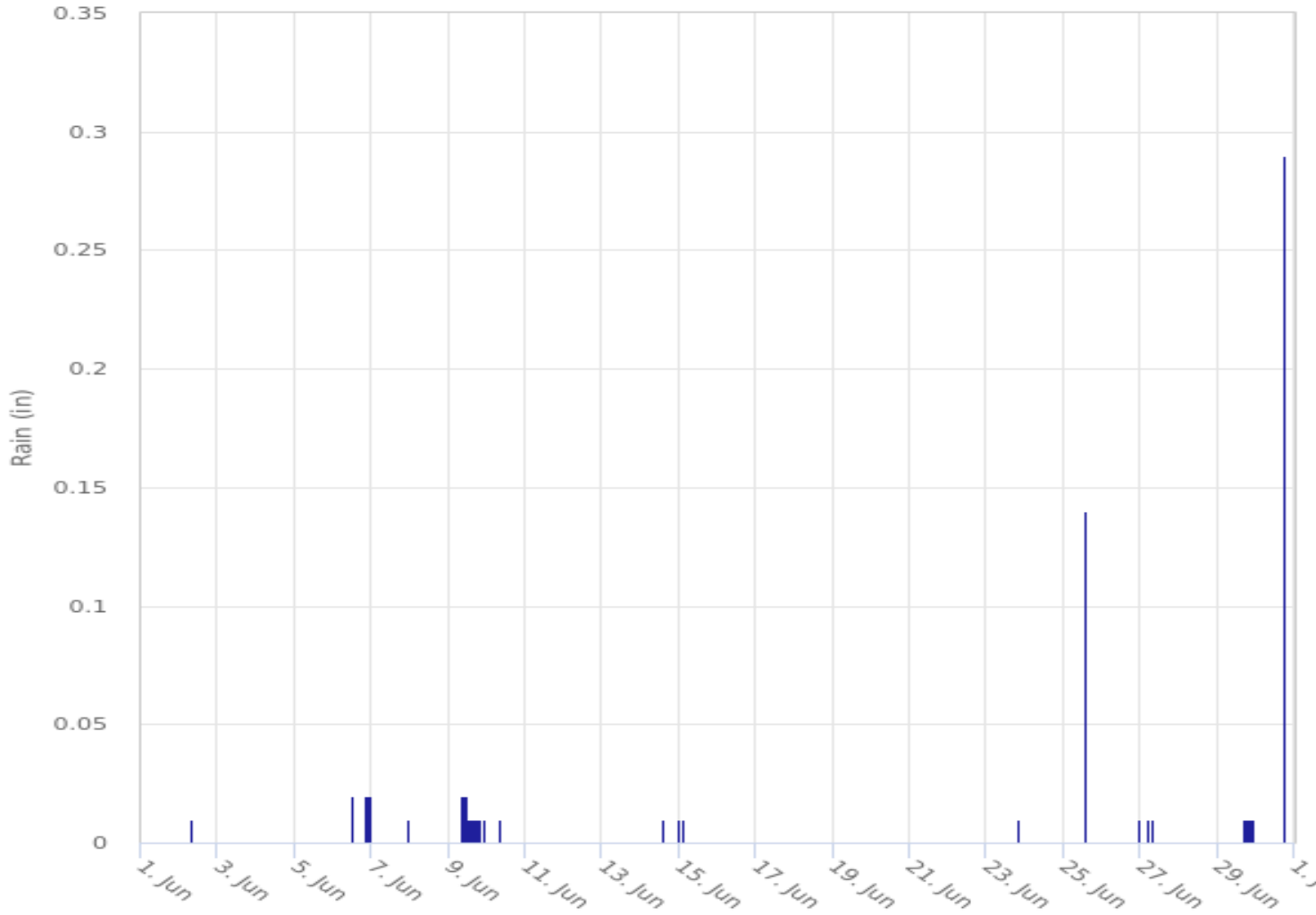
RG1

Rain Gauge
RG1



Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59

RG1RainGauge: Unknown (0 H x 0 W), Silt0.00

Date	Rain (in) Total
06/01/2024	-
06/02/2024	0.01
06/03/2024	-
06/04/2024	-
06/05/2024	-
06/06/2024	0.17
06/07/2024	0.01
06/08/2024	-
06/09/2024	0.44
06/10/2024	0.01
06/11/2024	-
06/12/2024	-
06/13/2024	-
06/14/2024	0.02
06/15/2024	0.01
06/16/2024	-
06/17/2024	-
06/18/2024	-
06/19/2024	-
06/20/2024	-
06/21/2024	-
06/22/2024	-
06/23/2024	0.01
06/24/2024	-
06/25/2024	0.14
06/26/2024	0.01
06/27/2024	0.02
06/28/2024	-
06/29/2024	0.09
06/30/2024	0.46

06/01/2024 00:00 - 06/30/2024 23:59

	Rain (in)
Total	1.40
Average	

USGSDEERFIELDRG

Site Commentary

SITE INFORMATION

RainGauge	Deerfield River at Charlemont, MA USGS RG
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Values in the graphical reports are based on the fifteen minutes average.

Values in the tabular report are based on the fifteen minute average.

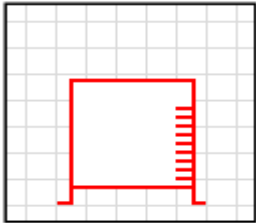
DATA UPTIME

Data uptime observed during **Saturday, 01 June 2024 to Sunday, 30 June 2024** is provided in the following table:

Hydrograph Report

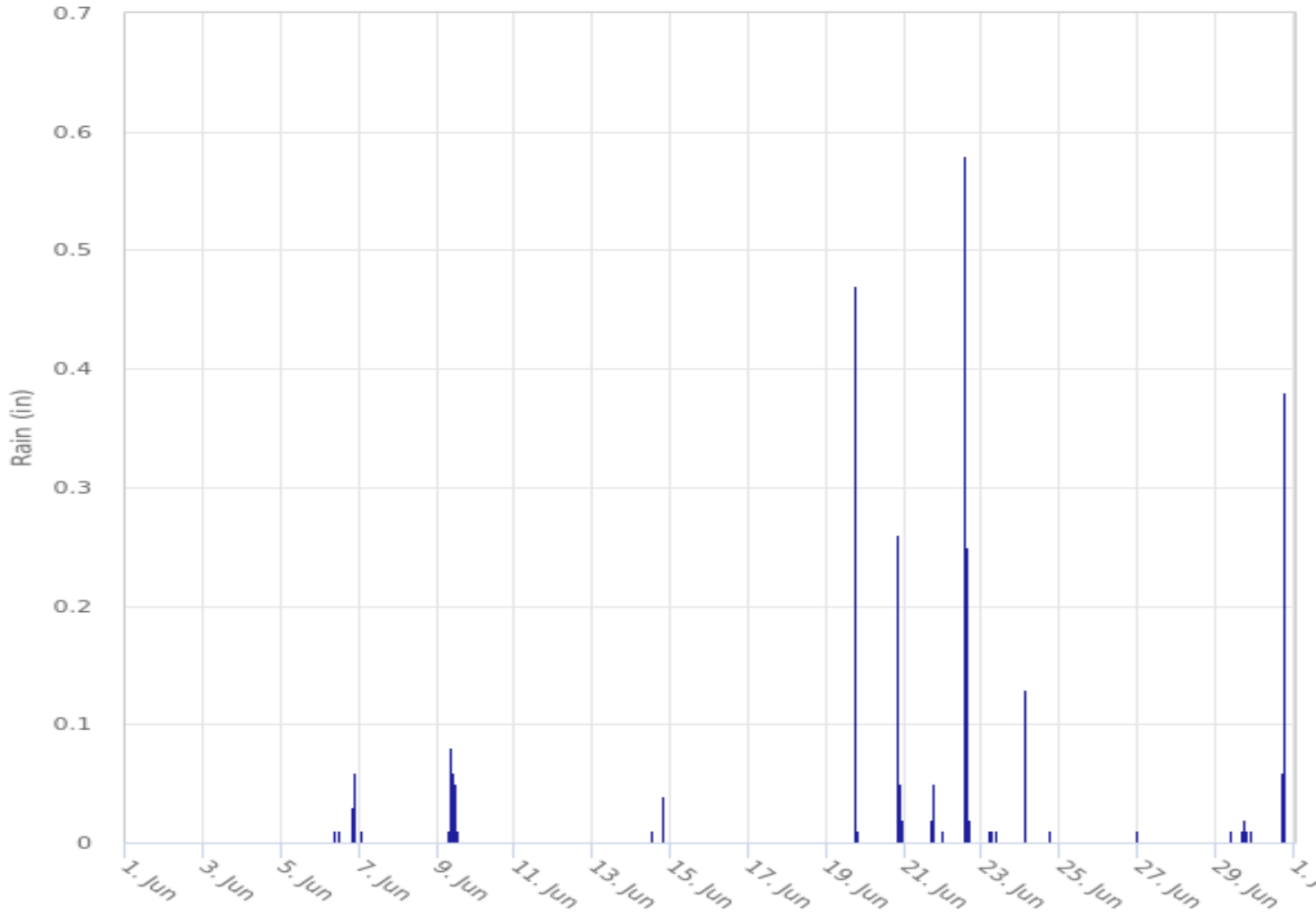
USGSDEERFIELDRG

Rain Gauge
USGSDEERFIELDRG



Report Period
06/01/2024
To
06/30/2024

Legend
— DFINAL
— Rain
— VFINAL



Daily Tabular Report

06/01/2024 00:00 - 06/30/2024 23:59

USGSDEERFIELDGRainGauge: Unknown (0 H x 0 W), Silt0.00

Date	Rain (in) Total
06/01/2024	-
06/02/2024	-
06/03/2024	-
06/04/2024	-
06/05/2024	-
06/06/2024	0.17
06/07/2024	0.01
06/08/2024	-
06/09/2024	0.61
06/10/2024	-
06/11/2024	-
06/12/2024	-
06/13/2024	-
06/14/2024	0.05
06/15/2024	-
06/16/2024	-
06/17/2024	-
06/18/2024	-
06/19/2024	0.95
06/20/2024	0.50
06/21/2024	0.15
06/22/2024	1.33
06/23/2024	0.03
06/24/2024	0.14
06/25/2024	-
06/26/2024	0.01
06/27/2024	-
06/28/2024	-
06/29/2024	0.12
06/30/2024	0.45

06/01/2024 00:00 - 06/30/2024 23:59

	Rain (in)
Total	4.52