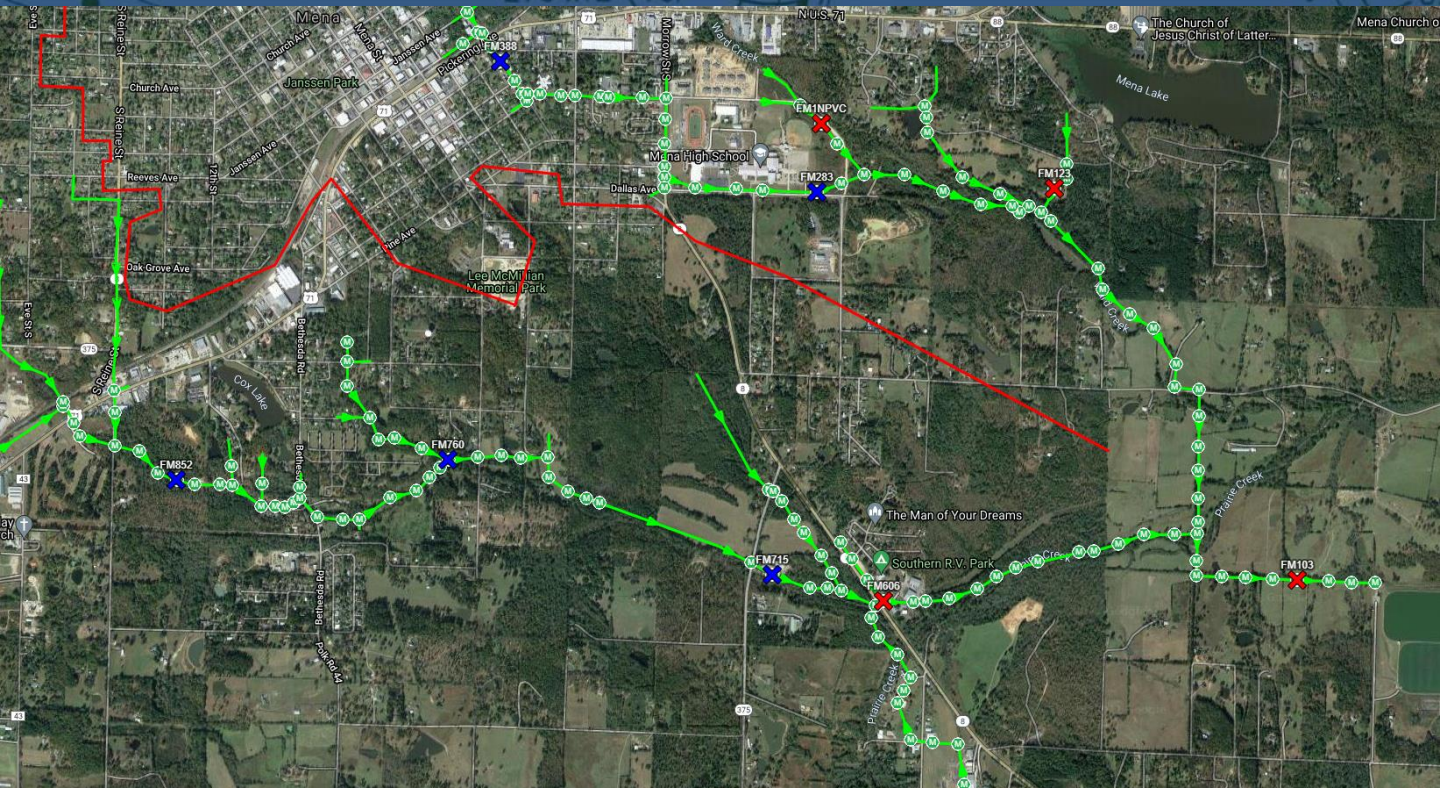


# MENA, AR

# FLOW MONITORING REPORT

## FEBRUARY – MAY 2021



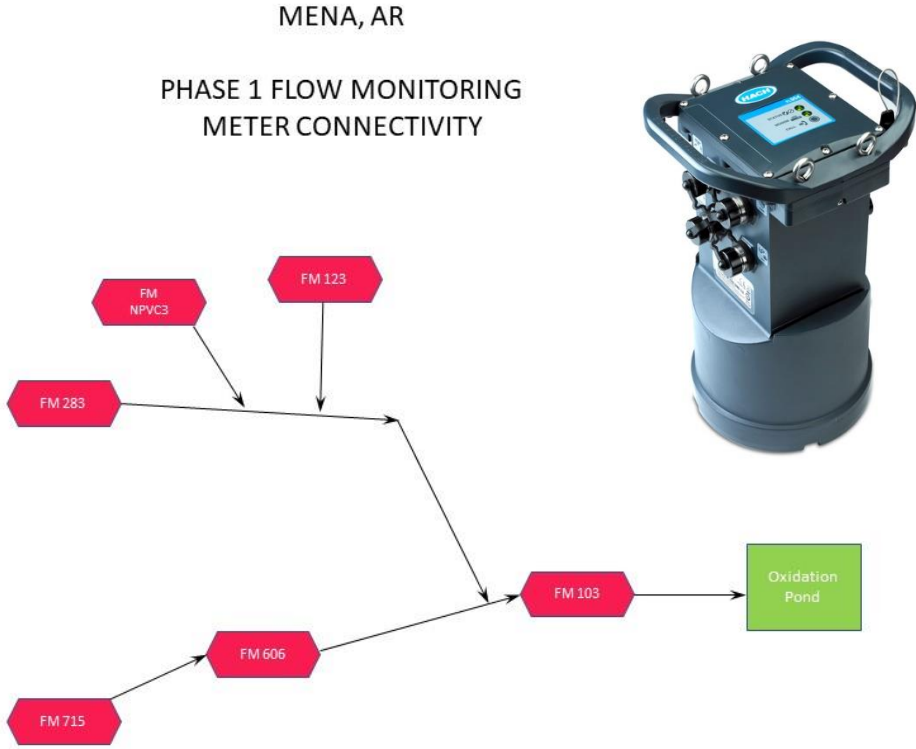
# EXECUTIVE SUMMARY

The following report is for the flow monitoring activities in Mena, AR. The objective of this flow monitoring project is to identify and quantify base wastewater flow for selected locations in the sewer system and identify the incoming flow rates to the treatment facilities. The project was divided into Phase 1 and Phase 2. After 60 days of monitoring, data analysts provided general I/I trends and some of the monitors were moved to identify areas of higher wet weather flows.

Crews installed six (6) flow monitors the study area. For Phase 1, the meters were installed on February 3, 2021 and collected data until April 29, 2021. For Phase 2, four meters were moved on April 29, 2021 and collected data until May 26, 2021. Due to the historic freeze and snow/ice storm at the end of February, crews could not access the meters to change the batteries and data was lost. The project was extended at no additional cost.

The flow monitors were operated and maintained following industry standards. Data was checked online daily, and sites were visited every two weeks to ensure proper operation. All meters were calibrated before installation as well as every two weeks to verify sensor operation. Meter connectivity for both phases is provided in the report. Phase 1 example is shown in Figure 1. The following report includes all information collected and summary documentation for the project.

Figure 1



## Gravity Flow Monitors

For this project, each flow monitor used area-velocity technology to obtain the velocity of the flow and pressure sensors to measure the depth of flow. Area velocity technology allows the sensor to take several readings throughout the flow profile to get an actual average velocity. The monitors used in this study were *Hach FL900 Series Flow Loggers with Submersible Area/Velocity*.

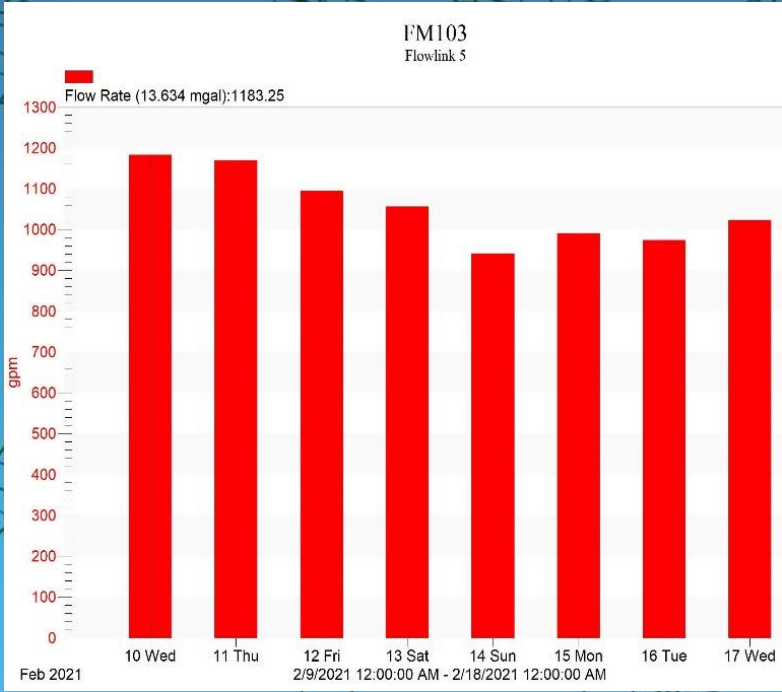
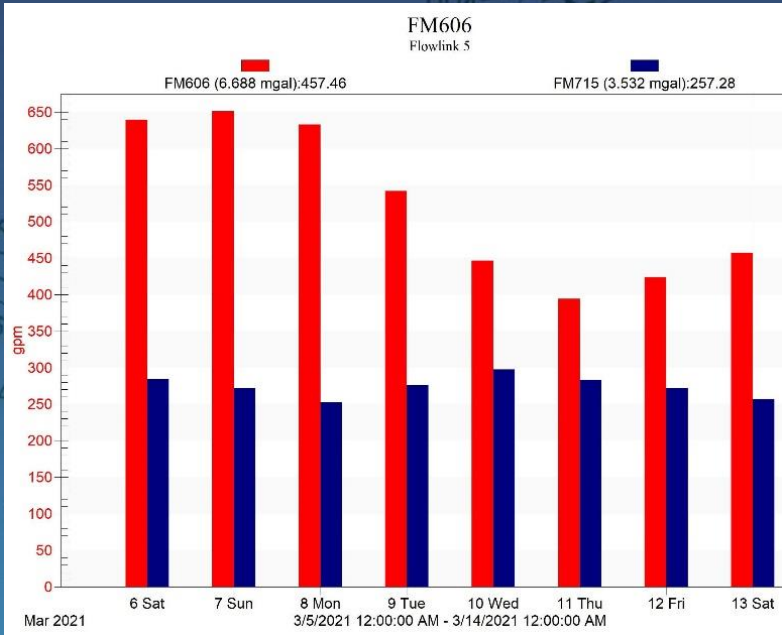
Each meter was carefully installed to maximize its effectiveness. The meters were installed in the incoming lines to the manhole. Sites were selected in manholes with smooth and laminar flow. The monitors were set to take readings in fifteen-minute intervals. Every site was calibrated to verify the validity of the data. Actual field measurements were compared to the meter readings. If needed, adjustments were made. The site location forms are included on the submittal drive. The site location summary is provided in Table 1.

Table 1

MENA, AR					
Site Location Summary					
FLOW MONITORS					
PHASE 1					
Site Name	Manhole No.	Description of Location	Diameter (in)	Installation Date	Sensor Type
FM103	103	323 Polk County Rd 53	24	2/3/2021	AV9000
FM123	123	2805 Midland Rd	8	2/3/2021	AV9000
FMNPVC3	NPVC3	1200 Dallas Ave	12	2/3/2021	AV9000
FM283	283	1200 Dallas Ave	15	2/3/2021	AV9000
FM606	606	121 Industrial Ln	18	2/3/2021	AV9000
FM715	715	1 Hot Rod Ln	15	2/3/2021	AV9000
PHASE 2					
FM283	283	1200 Dallas Ave	15	2/3/2021	AV9000
FM388	388	1st and Martin St.	12	4/23/2021	AV9000
FM715	715	1 Hot Rod Ln	15	2/3/2021	AV9000
FM760	760	2109 S Mena St	15.25	4/23/2021	AV9000
FM852	852	1108 Parker Dr	12	4/23/2021	AV9000
FM1101	1100	3607 HWY 375	10	4/23/2021	AV9000

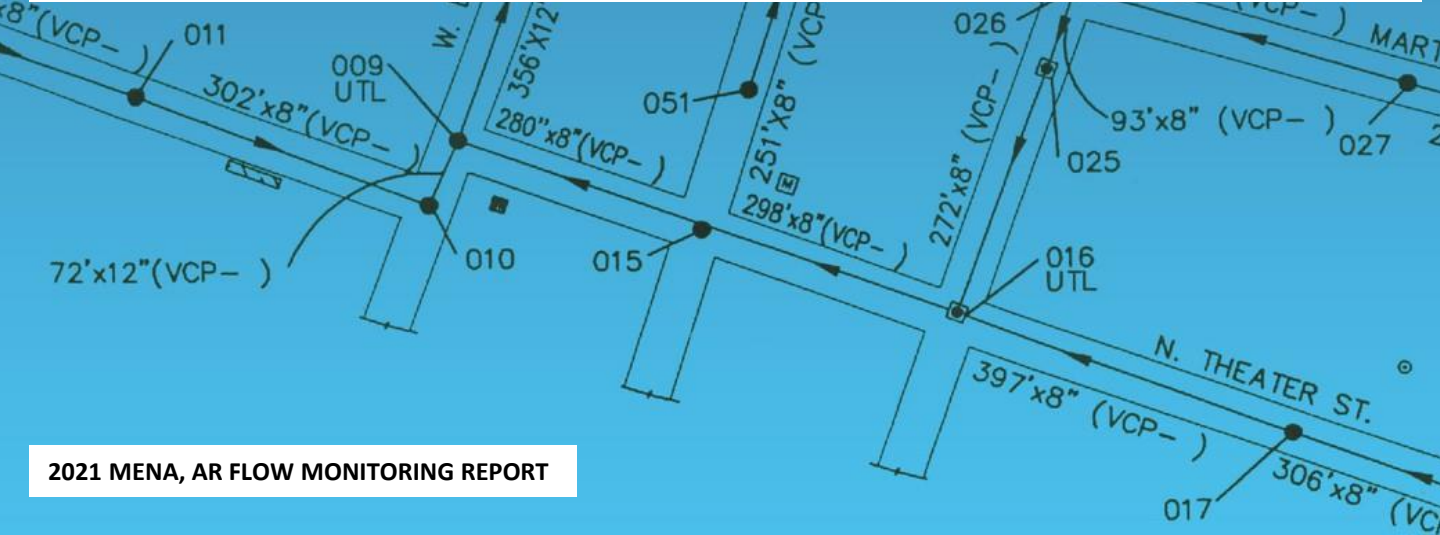
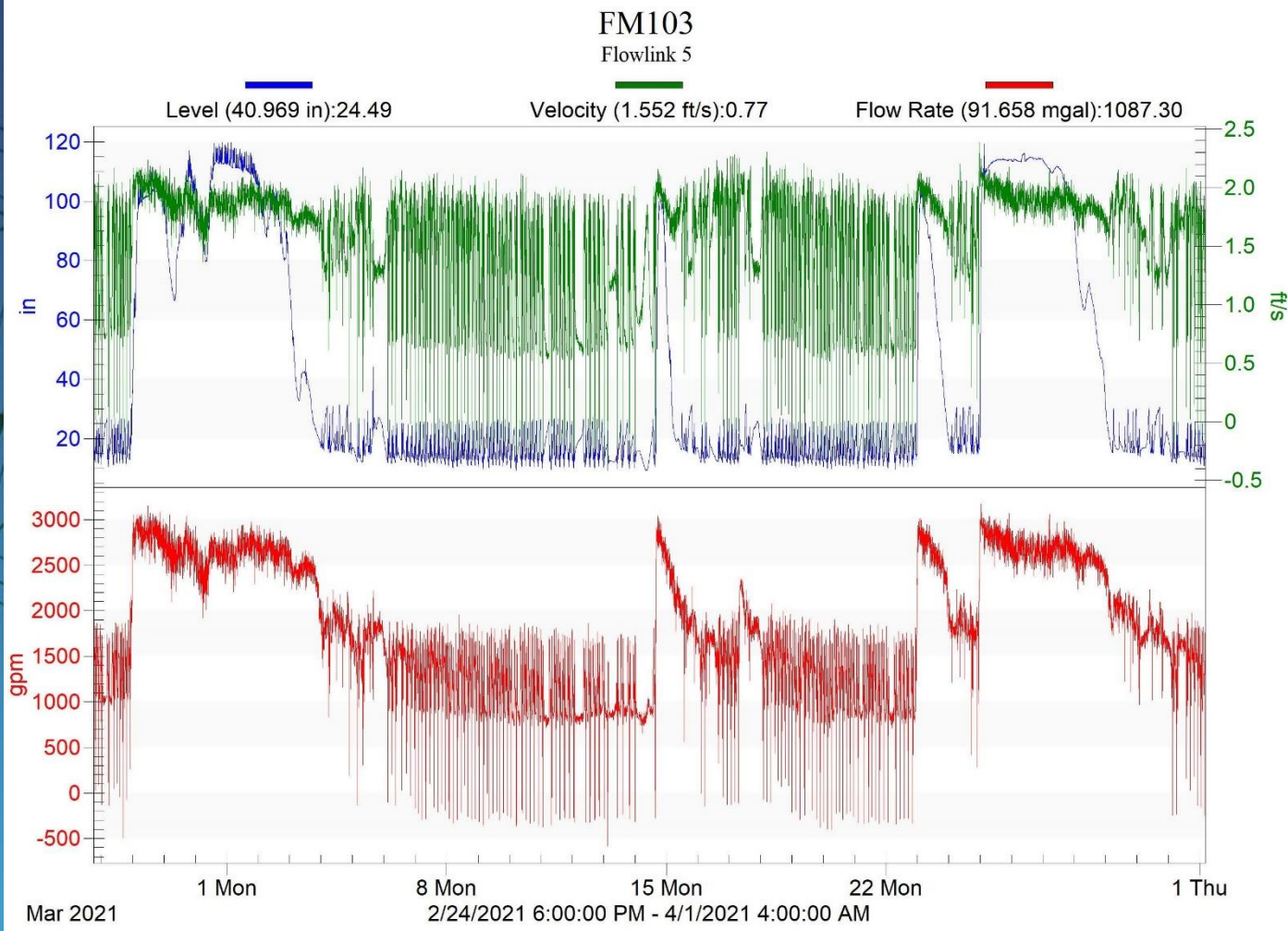
# RESULTS

Reviewing the flow data, general trends were documented. Dry weather data was isolated for each site and averaged by the number of days used in the calculation. For phase 1, approximately 8 to 10 days were used to get an average daily flow with no rainfall influence. Due to the large amount of rain during phase 2, only 3 or 4 days were used. The calculations are included in table 2. Note that these calculations are a very small window of typical flows that occurs in Mena during a full year.



# RESULTS

For wet weather peak flows, the highest flow rate peaks from three different storm events was recorded in table 2. The values are general trends observed during the study and may show different values over a long-term study.



# RESULTS

**Table 2**

## MENA, AR FLOW MONITORING

**Phase 1**

Typical dry weather daily average flow		Wet weather peak flow rate**		
SITE	GPM	GPM	GPM	GPM
FM103	1052	3717	3170	3151
FM123	89	864	789	516
FMNPVC3	63	496	442	432
FM283	384	3254	3414	3112
FM606	523	2633	2269	2179
FM715	274	2274	1869	1454

**Phase 2**

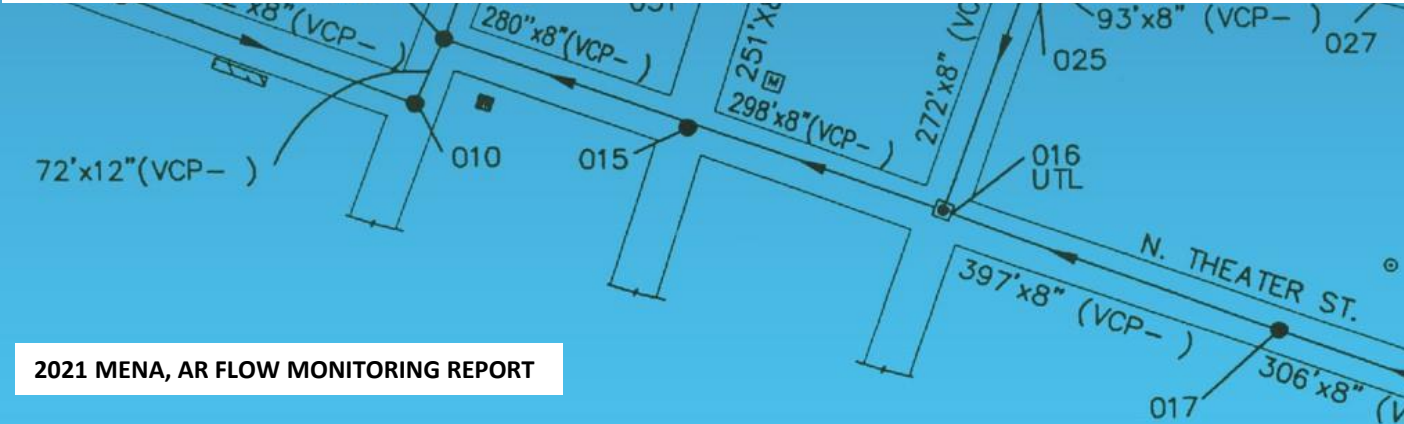
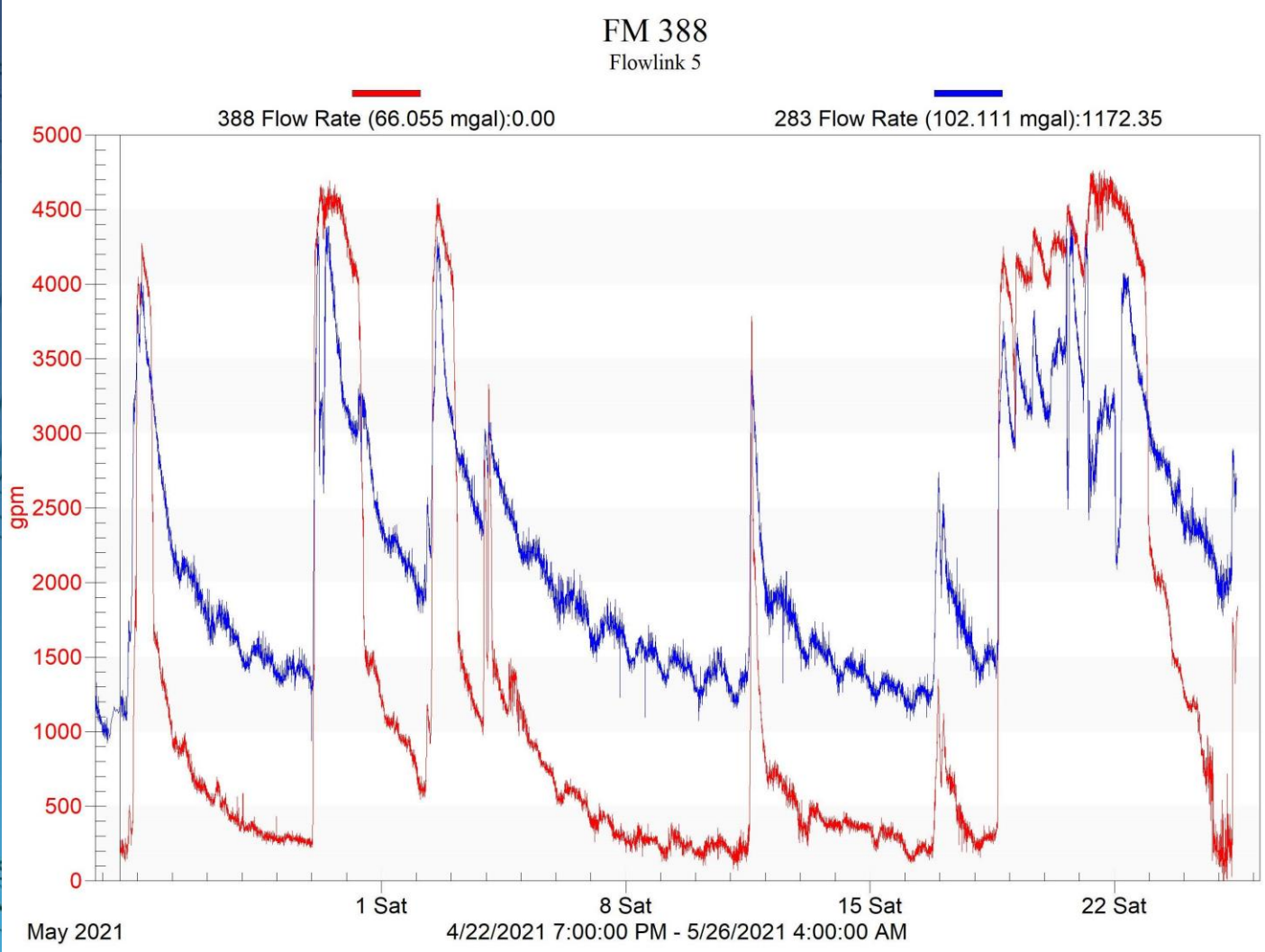
Typical dry weather daily average flow*		Wet weather peak flow rate**		
SITE	GPM	GPM	GPM	GPM
FM283	384	3254	3414	3112
FM388	250	4763	4691	4577
FM715	274	2274	1869	1454
FM760	490	2667	2505	1904
FM852	268	1786	1740	1428
FM1101	108	902	830	502

\*For phase 2, there was limited dry weather flow to choose from

\*\* Wet weather peak flow rates were chosen from three different storm events

# RESULTS

There is one issue to note during wet weather flows. FM388 flows into meter FM283. During dry weather flow, FM388 is substantially lower than FM283. But during wet weather events, the peaks are higher at FM388 than FM283. This shows that there is an overflow problem between these two sites. Due to the very high spikes in wet weather flow at FM388, it appears that the issues are mainly caused upstream from this site.






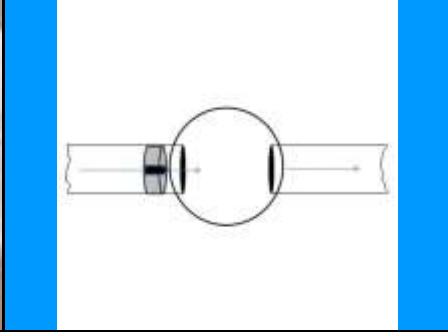


Mena, AR Flow

## Site Location Report

<b>Site ID</b>	<b>Device Type</b>	<b>Installation Date</b>	<b>Installed By</b>
<b>FM103</b>	Flow Meter	2/3/2021	J. Cawthon
<b>Address</b>	<b>Location Details</b>		<b>Traffic Area ?</b>
323 Polk County Rd 53	next to the plant		No
<b>Installation Manhole</b>	<b>Material</b>	<b>Evidence of Surcharge ?</b>	
103	Reinforced Concrete Pipe	No	
<b>Gas Levels</b>			
<b>Oxygen</b>	<b>Carbon Monoxide</b>	<b>Hydrogen Sulfide</b>	<b>Lower Explosive Limit</b>
20.90%	0.00%	0.00%	0
<b>Installation Pipe</b>	<b>Material</b>	<b>Inside Diameter</b>	
incoming	VCP	24	

<b>Hydraulic Conditions</b>
Slow and smooth. Evidence of surcharge
<b>General Conditions</b>

<b>Map Image</b>	<b>Area Image</b>	<b>Sensor Ring Image</b>
		
Map_FM103	FM103 Area	FM103 Pipe
<b>Downhole Image</b>	<b>Pipe Image</b>	<b>Install Schematic (Top)</b>
		
Aerial_FM103	FM103 Inner	FM103 Schematic



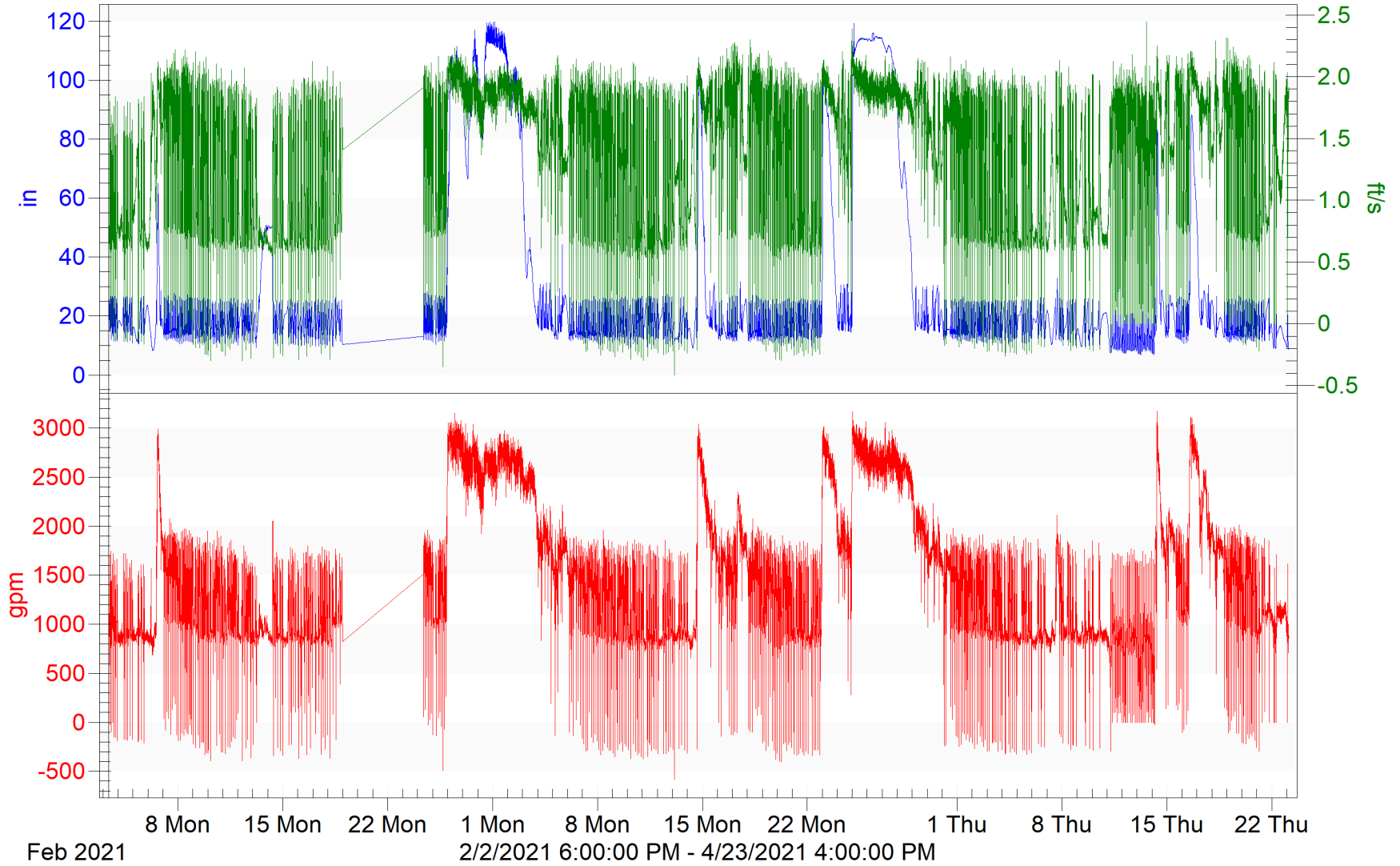
# FM103

Flowlink 5

Level (30.006 in):-0.08

Velocity (1.407 ft/s):0.00

Flow Rate (168.519 mgal):0.00



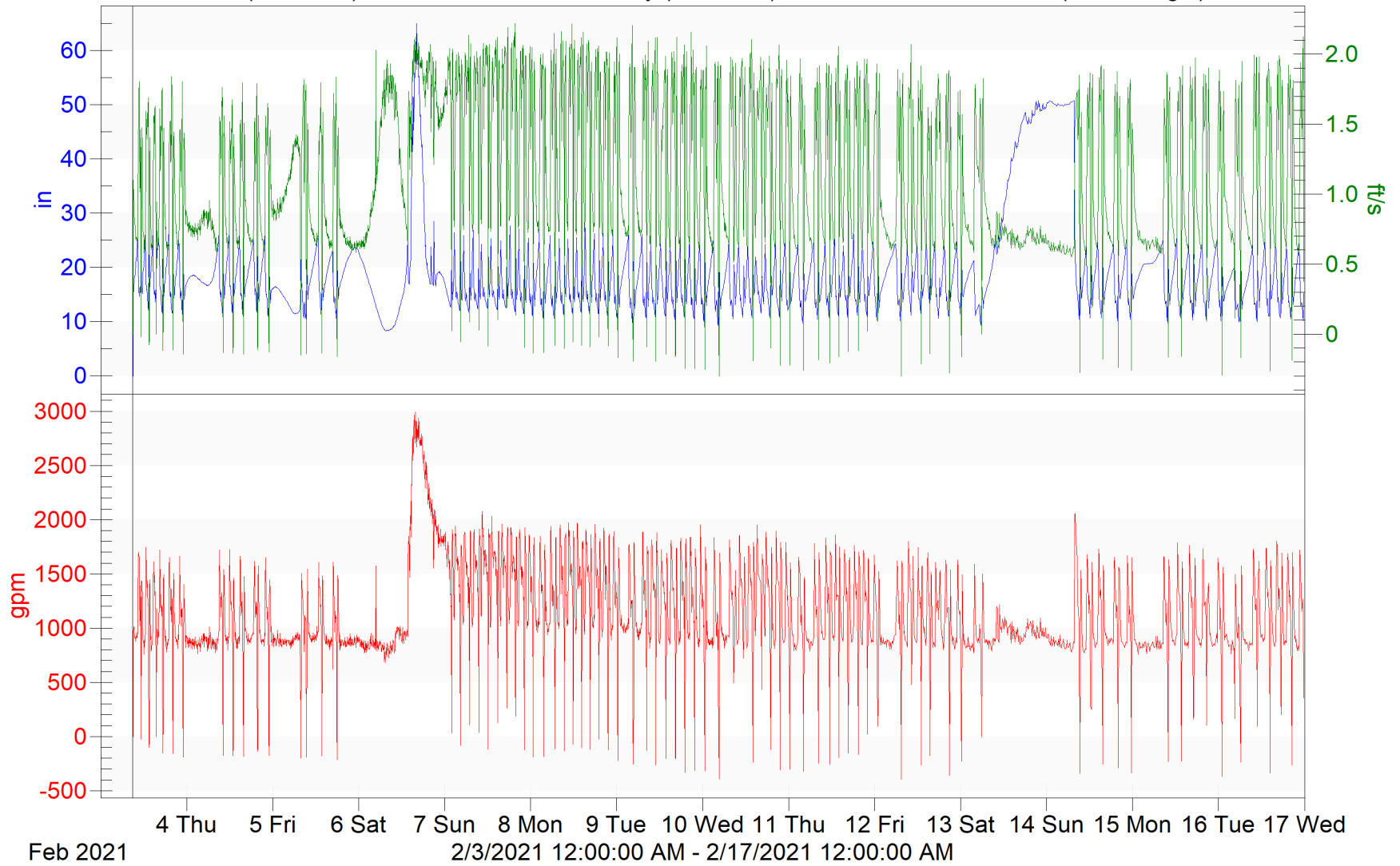
# FM103

Flowlink 5

Level (18.780 in):-0.08

Velocity (1.161 ft/s):0.00

Flow Rate (21.948 mgal):0.00



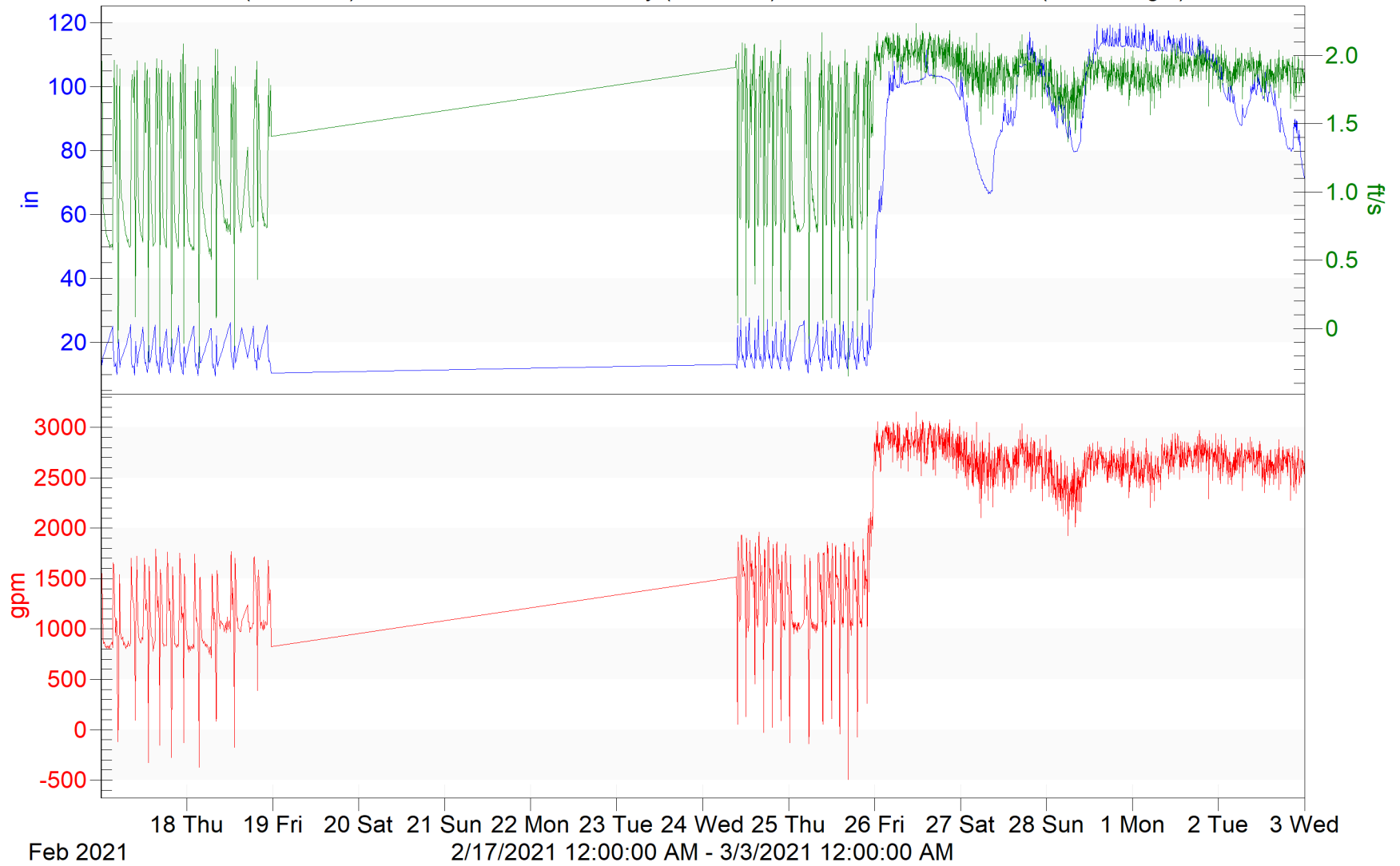
# FM103

Flowlink 5

Level (71.876 in):16.02

Velocity (1.682 ft/s):1.58

Flow Rate (37.179 mgal):1580.07



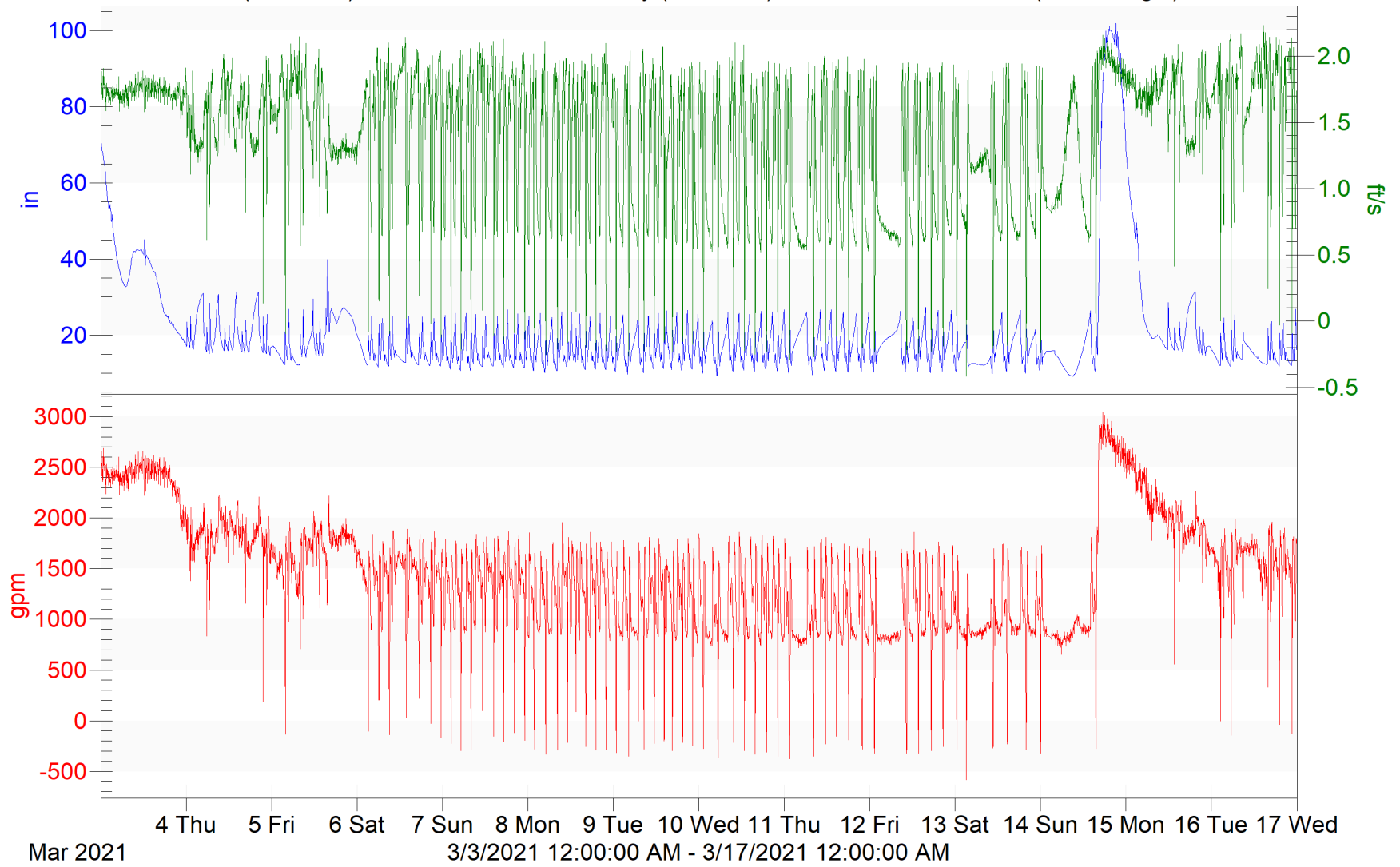
# FM103

Flowlink 5

Level (20.651 in):71.28

Velocity (1.390 ft/s):1.72

Flow Rate (29.022 mgal):2425.78



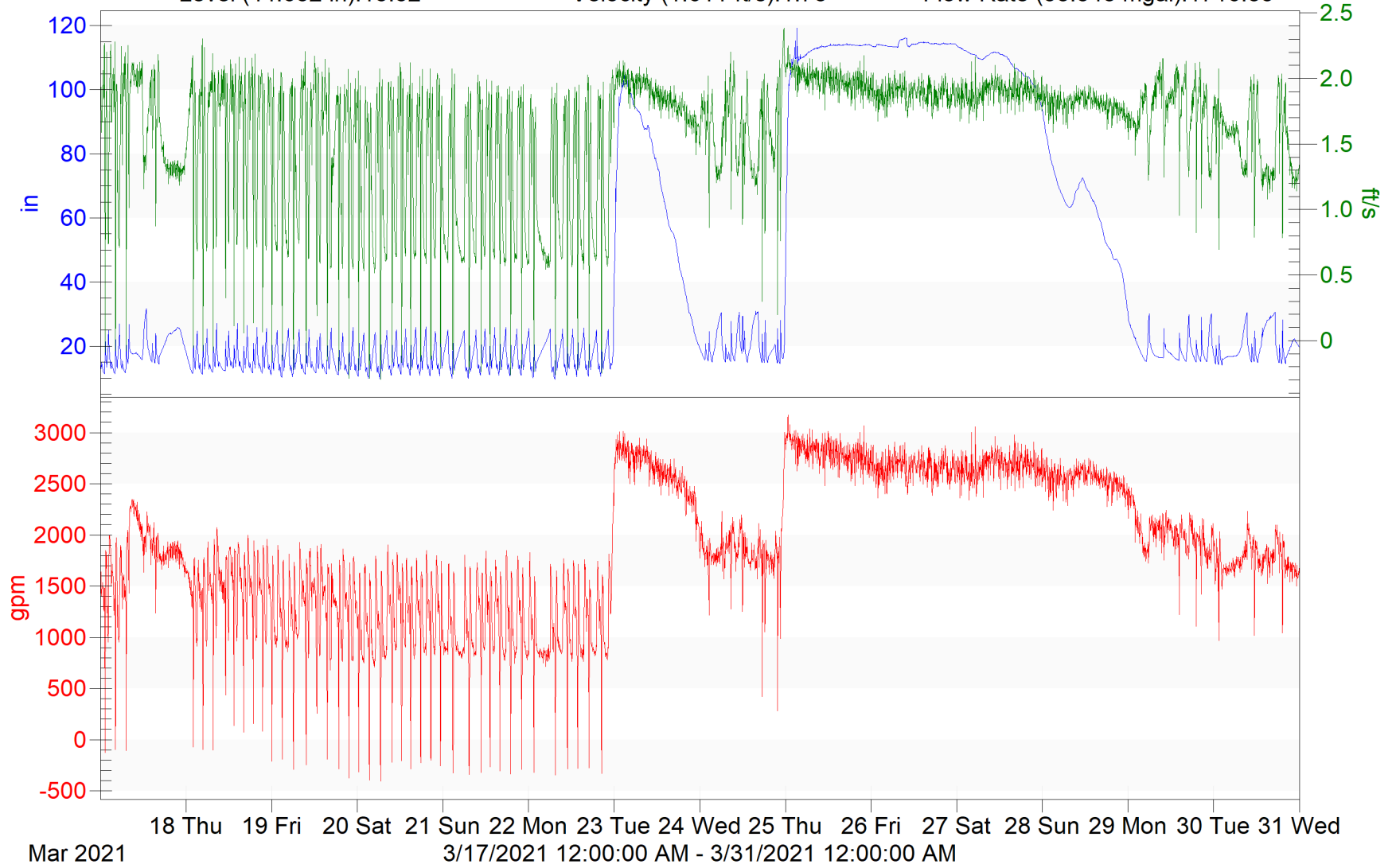
# FM103

Flowlink 5

Level (44.632 in):15.52

Velocity (1.611 ft/s):1.78

Flow Rate (38.548 mgal):1716.83



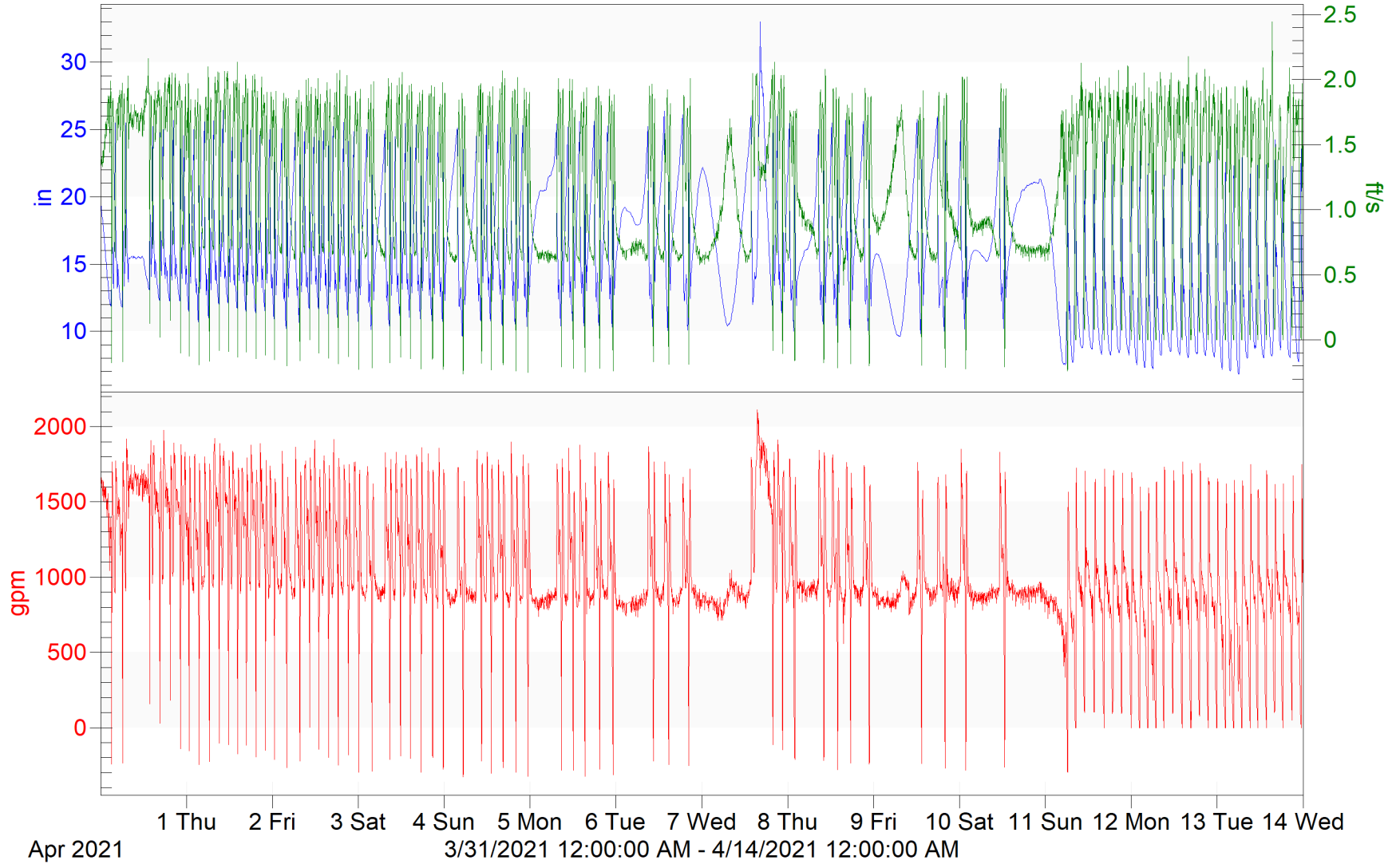
# FM103

Flowlink 5

Level (15.959 in):19.66

Velocity (1.179 ft/s):1.28

Flow Rate (20.855 mgal):1583.68



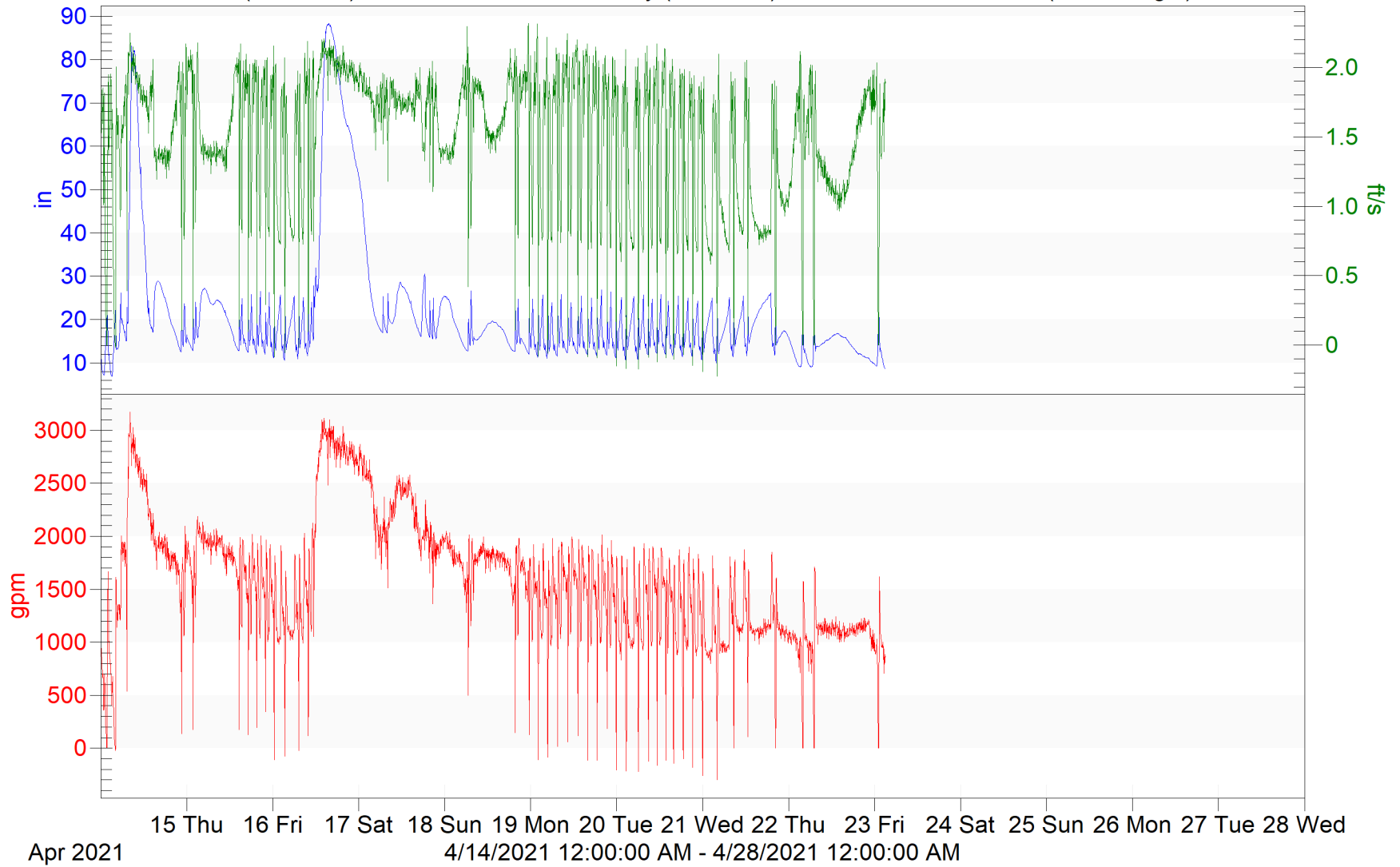
# FM103

Flowlink 5

Level (21.399 in):11.94

Velocity (1.513 ft/s):1.34

Flow Rate (20.935 mgal):941.01








Mena, AR Flow

## Site Location Report

<b>Site ID</b>	<b>Device Type</b>	<b>Installation Date</b>	<b>Installed By</b>
<b>FM123</b>	Flow Meter	2/3/2021	J. Cawthon
<b>Address</b>	<b>Location Details</b>		<b>Traffic Area ?</b>
2805 Midland Rd	Field behind house		No
<b>Installation Manhole</b>	<b>Material</b>	<b>Evidence of Surcharge ?</b>	
123	Reinforced Concrete Pipe	No	
<b>Gas Levels</b>			
<b>Oxygen</b>	<b>Carbon Monoxide</b>	<b>Hydrogen Sulfide</b>	<b>Lower Explosive Limit</b>
20.90%	0.00%	0.00%	0
<b>Installation Pipe</b>	<b>Material</b>	<b>Inside Diameter</b>	
Incoming	PVC	8	

<b>Hydraulic Conditions</b>
Normal depth of flow and velocity. Lift station nearby
<b>General Conditions</b>

<b>Map Image</b>	<b>Area Image</b>	<b>Sensor Ring Image</b>
		
Map_FM123	FM123 Area	FM123 Pipe
<b>Downhole Image</b>	<b>Pipe Image</b>	<b>Install Schematic (Top)</b>
		
Aerial_FM123	FM123 Inner	FM123 Schematic



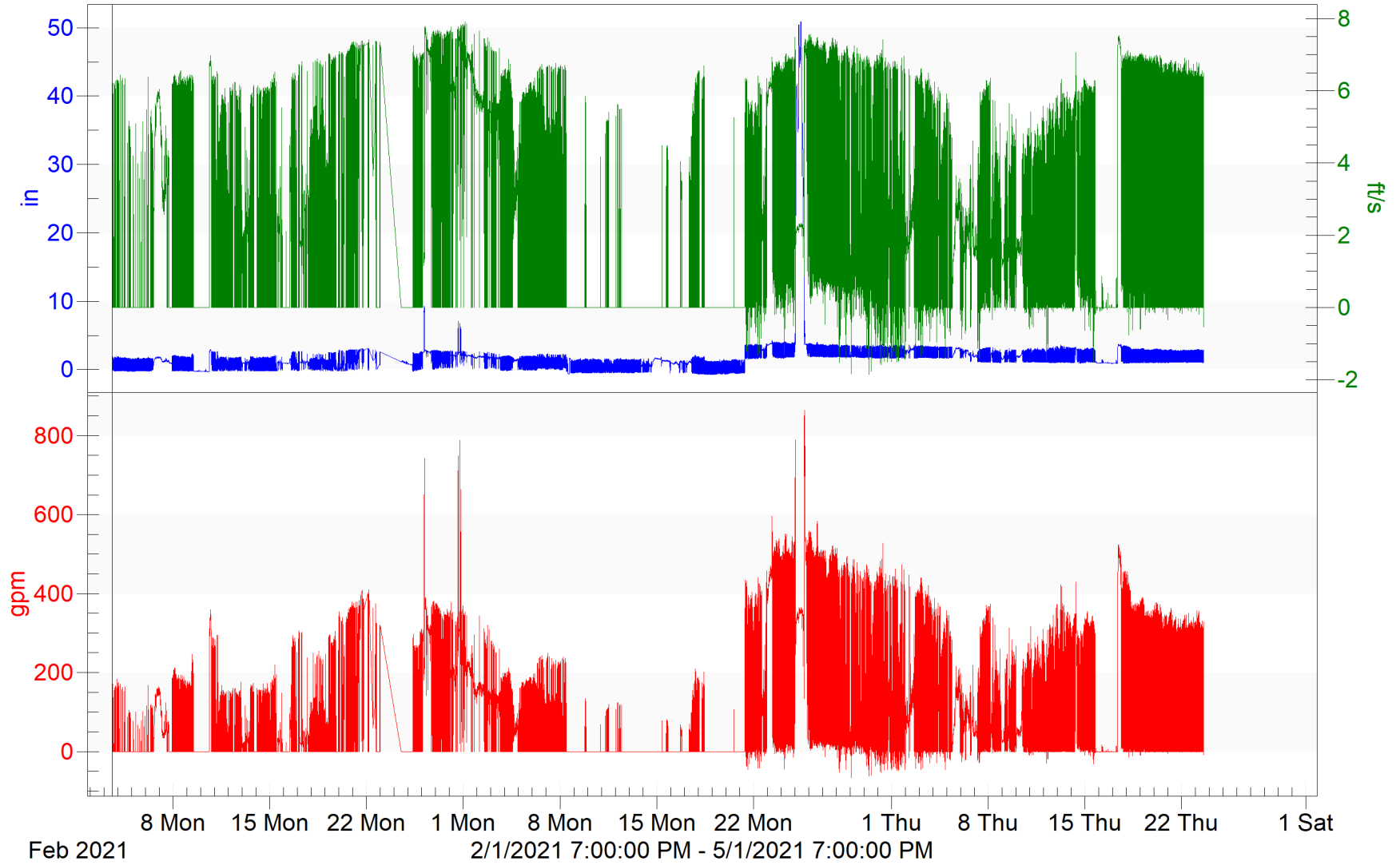
# FM123

Flowlink 5

Level (1.839 in):-0.06

Velocity (2.125 ft/s):0.00

Flow Rate (10.561 mgal):0.00



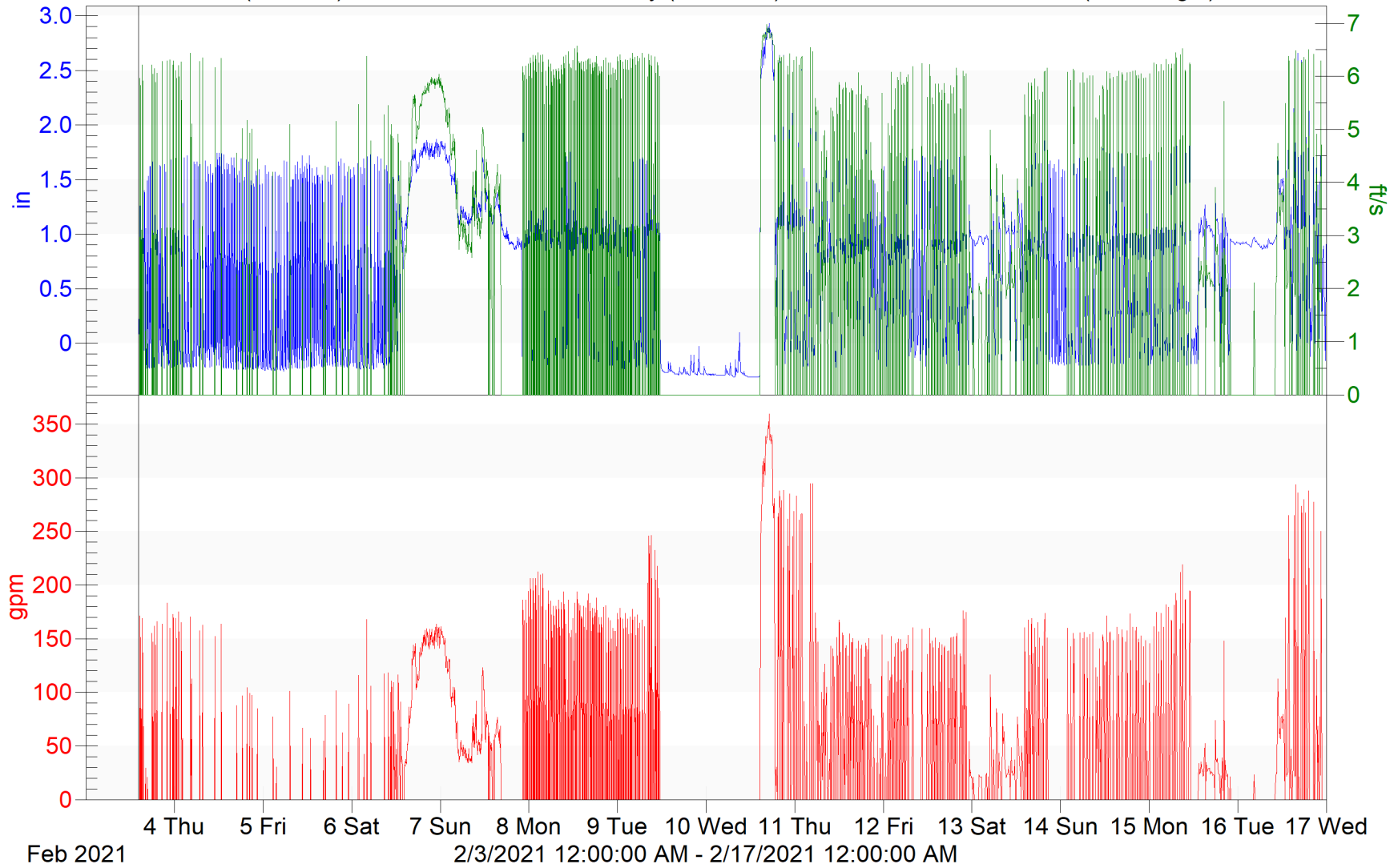
# FM123

Flowlink 5

Level (0.652 in):-0.06

Velocity (1.511 ft/s):0.00

Flow Rate (0.763 mgal):0.00



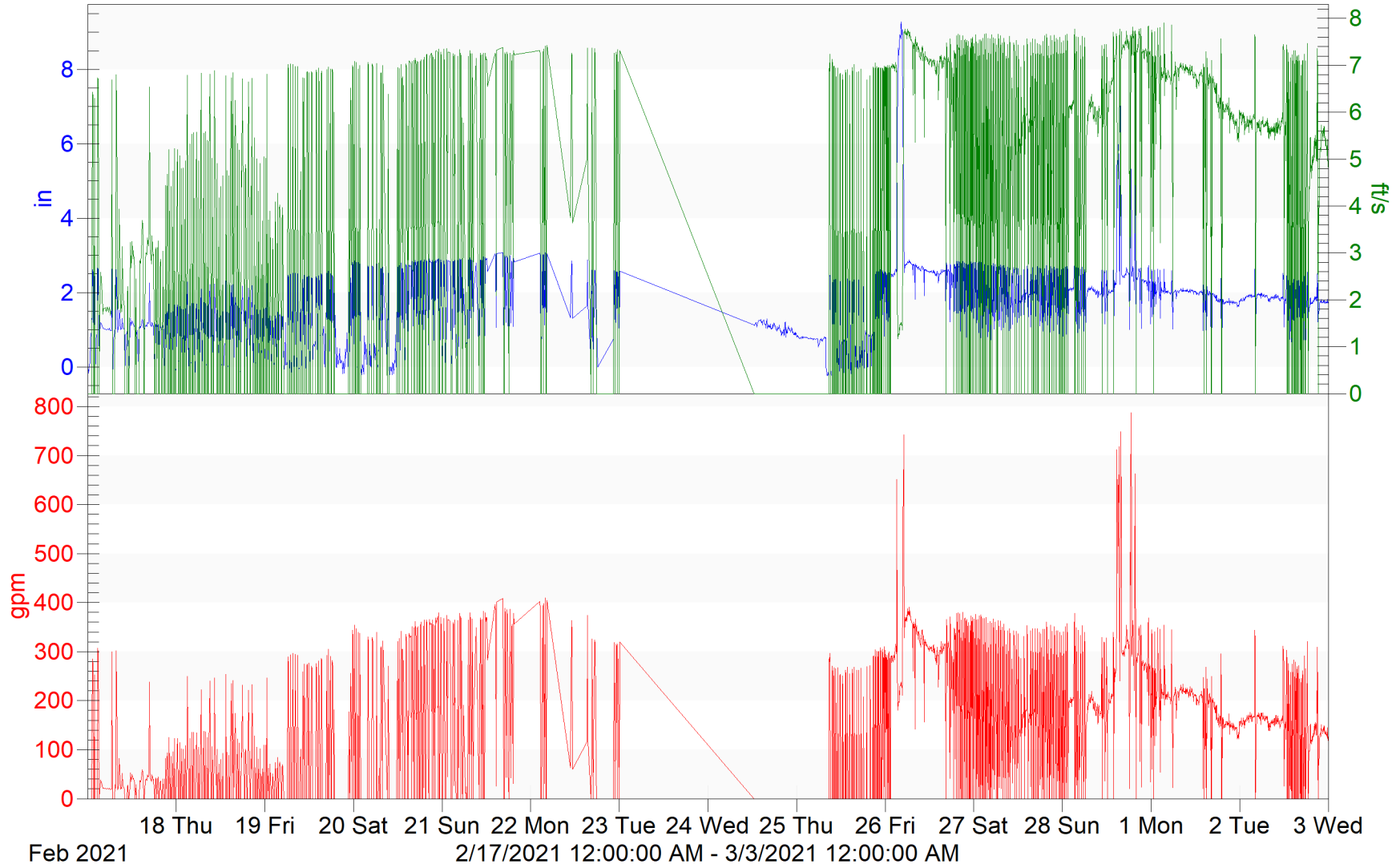
# FM123

Flowlink 5

Level (1.636 in):0.03

Velocity (4.040 ft/s):0.00

Flow Rate (2.529 mgal):0.00



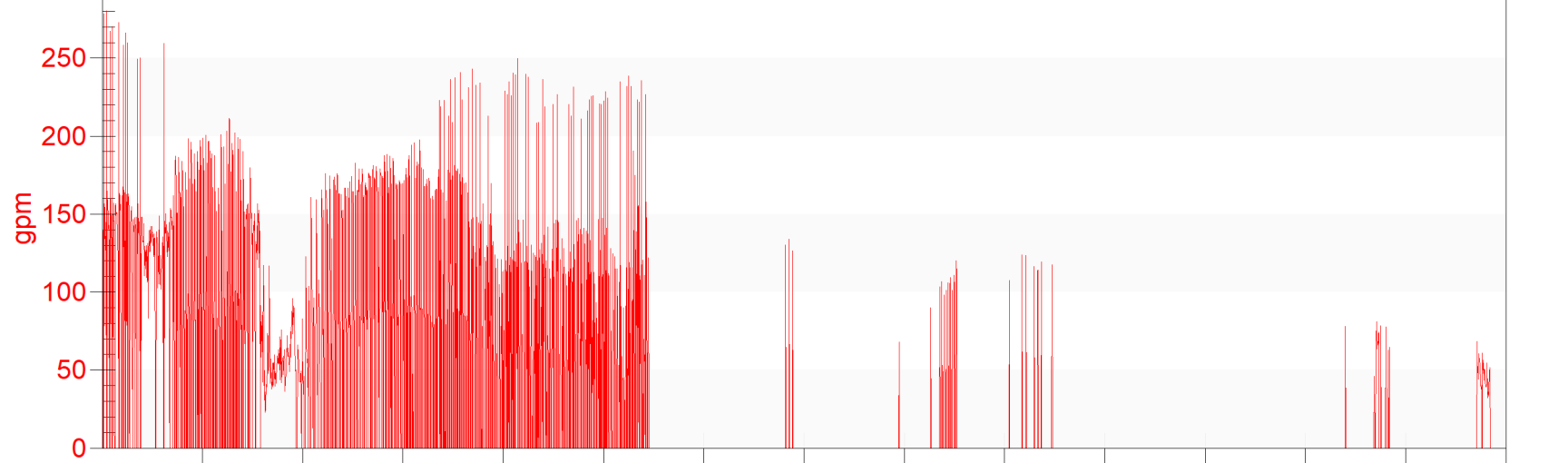
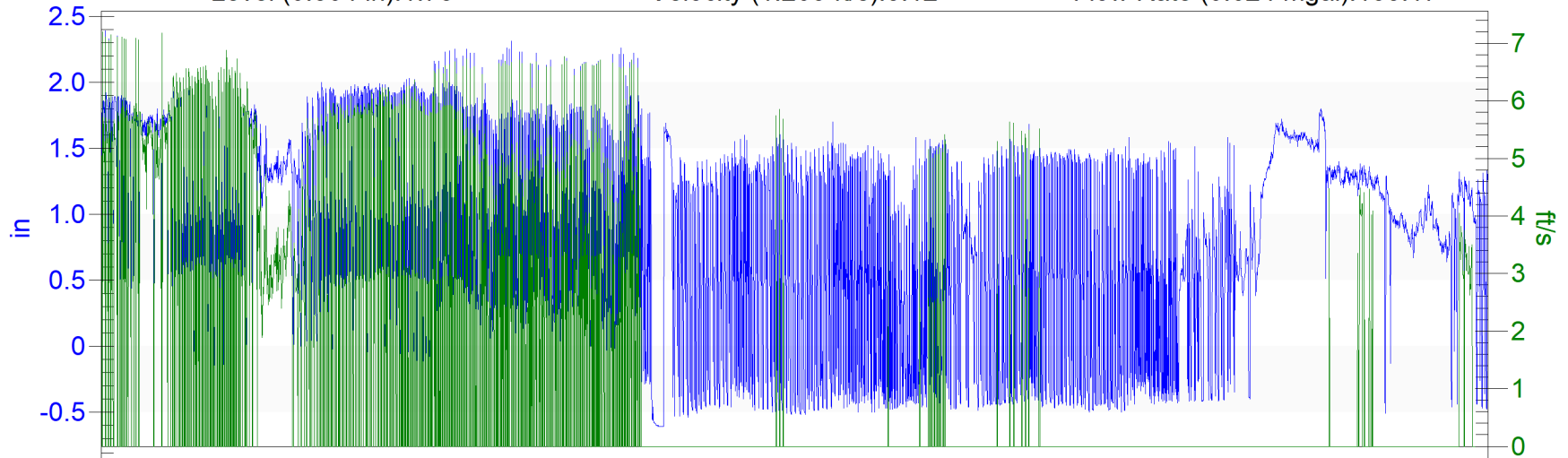
# FM123

Flowlink 5

Level (0.804 in):1.78

Velocity (1.205 ft/s):5.12

Flow Rate (0.624 mgal):133.17



4 Thu 5 Fri 6 Sat 7 Sun 8 Mon 9 Tue 10 Wed 11 Thu 12 Fri 13 Sat 14 Sun 15 Mon 16 Tue 17 Wed  
Mar 2021  
3/3/2021 12:00:00 AM - 3/17/2021 12:00:00 AM

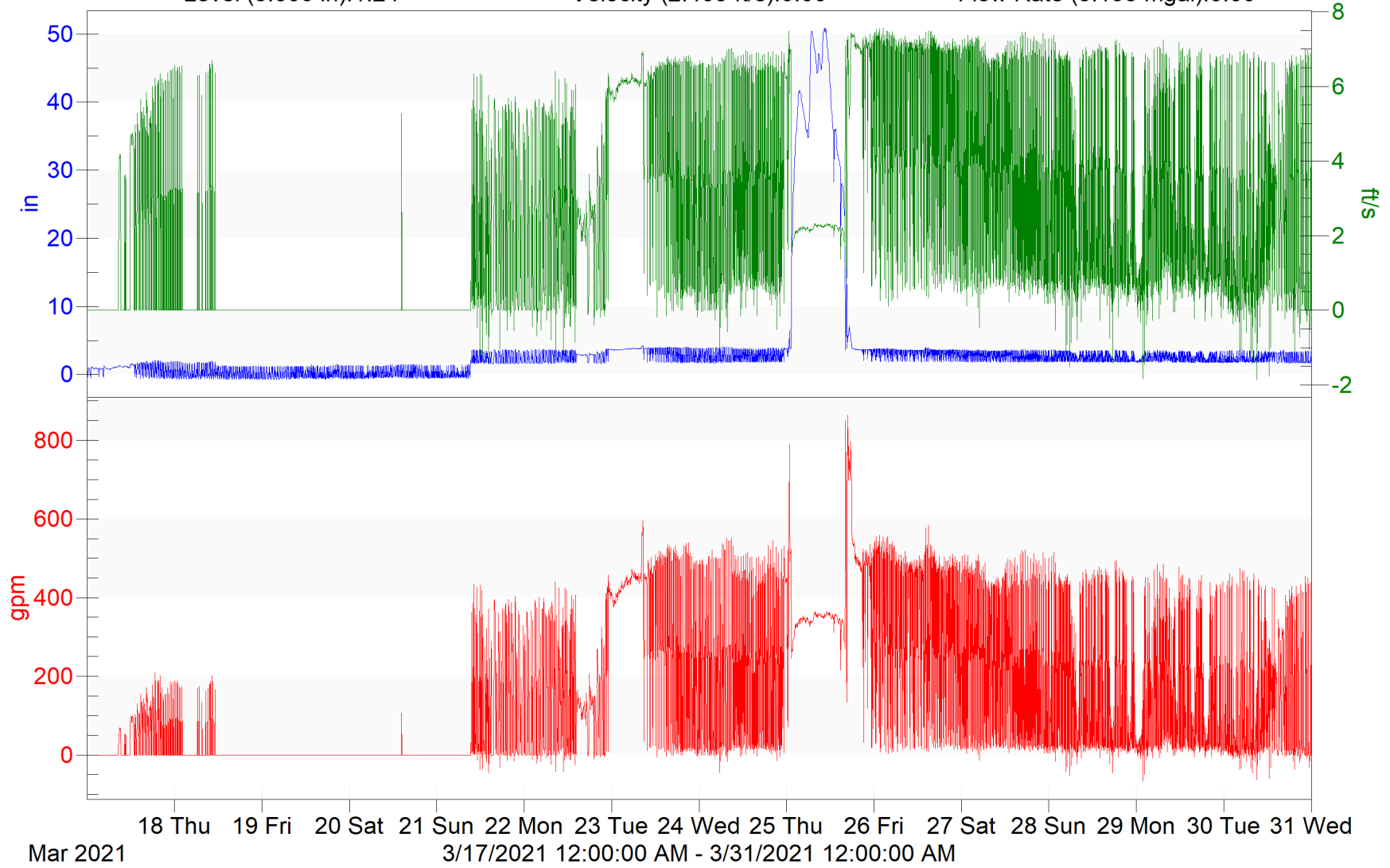
# FM123

Flowlink 5

Level (3.600 in):1.24

Velocity (2.403 ft/s):0.00

Flow Rate (3.195 mgal):0.00



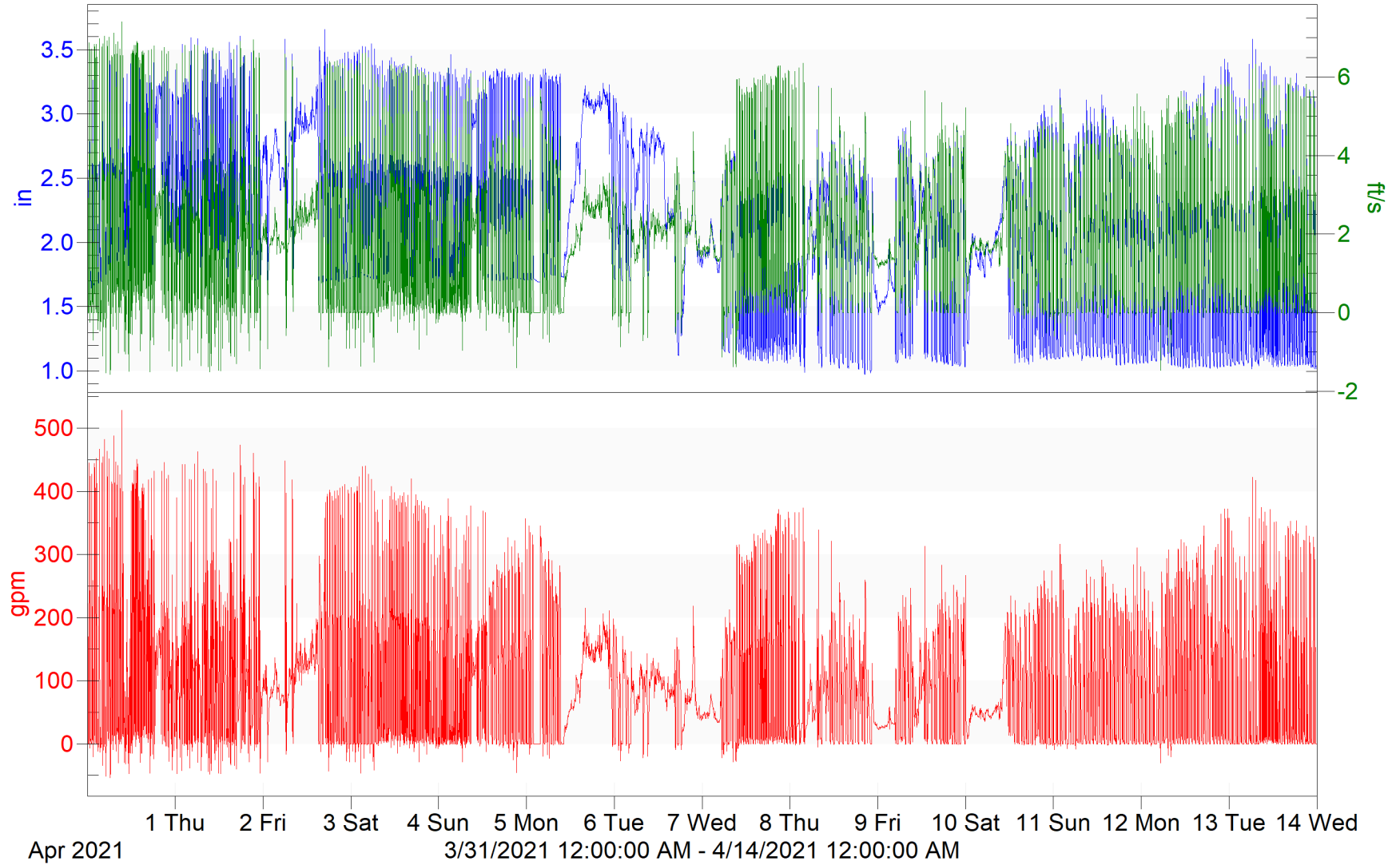
# FM123

Flowlink 5

Level (2.151 in):1.91

Velocity (1.894 ft/s):-0.82

Flow Rate (1.891 mgal):-23.56



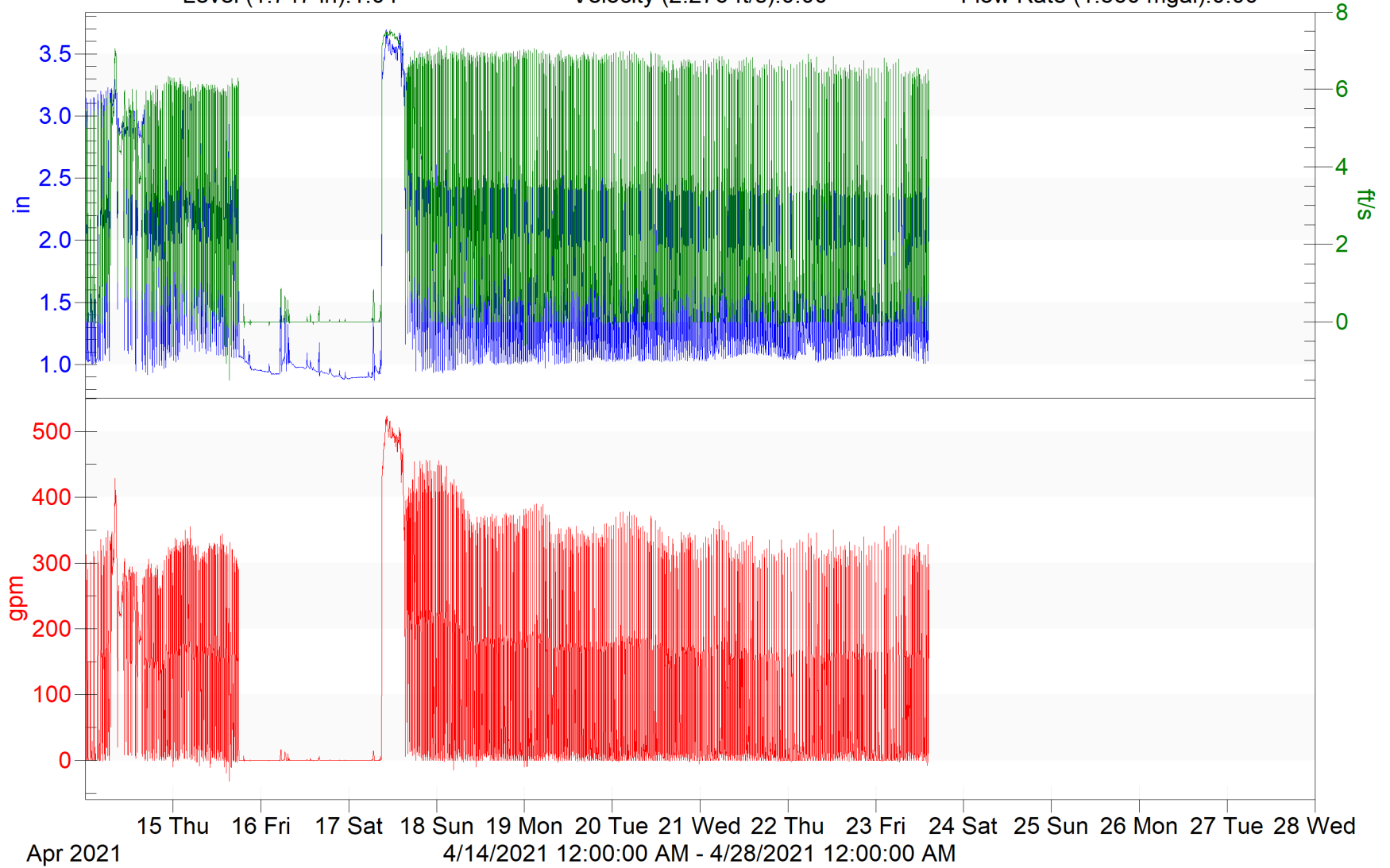
# FM123

Flowlink 5

Level (1.747 in):1.04

Velocity (2.276 ft/s):0.00

Flow Rate (1.560 mgal):0.00









Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FM283</b>	Flow Meter	2/3/2021	J. Cawthon
Address	Location Details		Traffic Area ?
1200 Dallas Ave	Next to high school parking lot		No
Installation Manhole	Material	Evidence of Surcharge ?	
283	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
incoming	VCP	15	

Hydraulic Conditions
Normal level with high velocity
General Conditions

Map Image	Area Image	Sensor Ring Image
		
Map_FM283	FM283 Area	FM283 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM283	FM283 Inner	FM283 Schematic



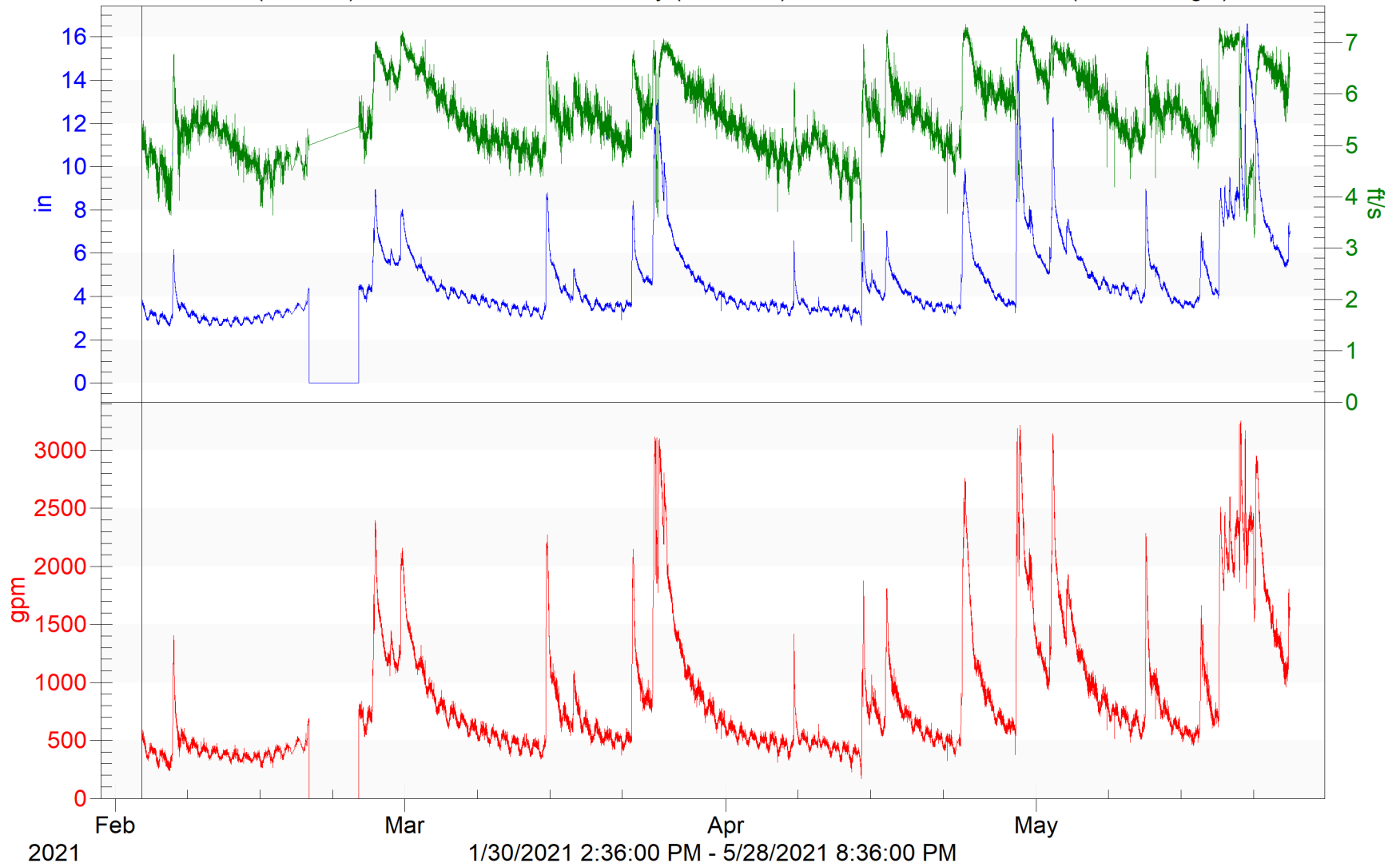
# FM283

Flowlink 5

Level (4.784 in):-0.05

Velocity (5.641 ft/s):0.00

Flow Rate (133.511 mgal):0.00



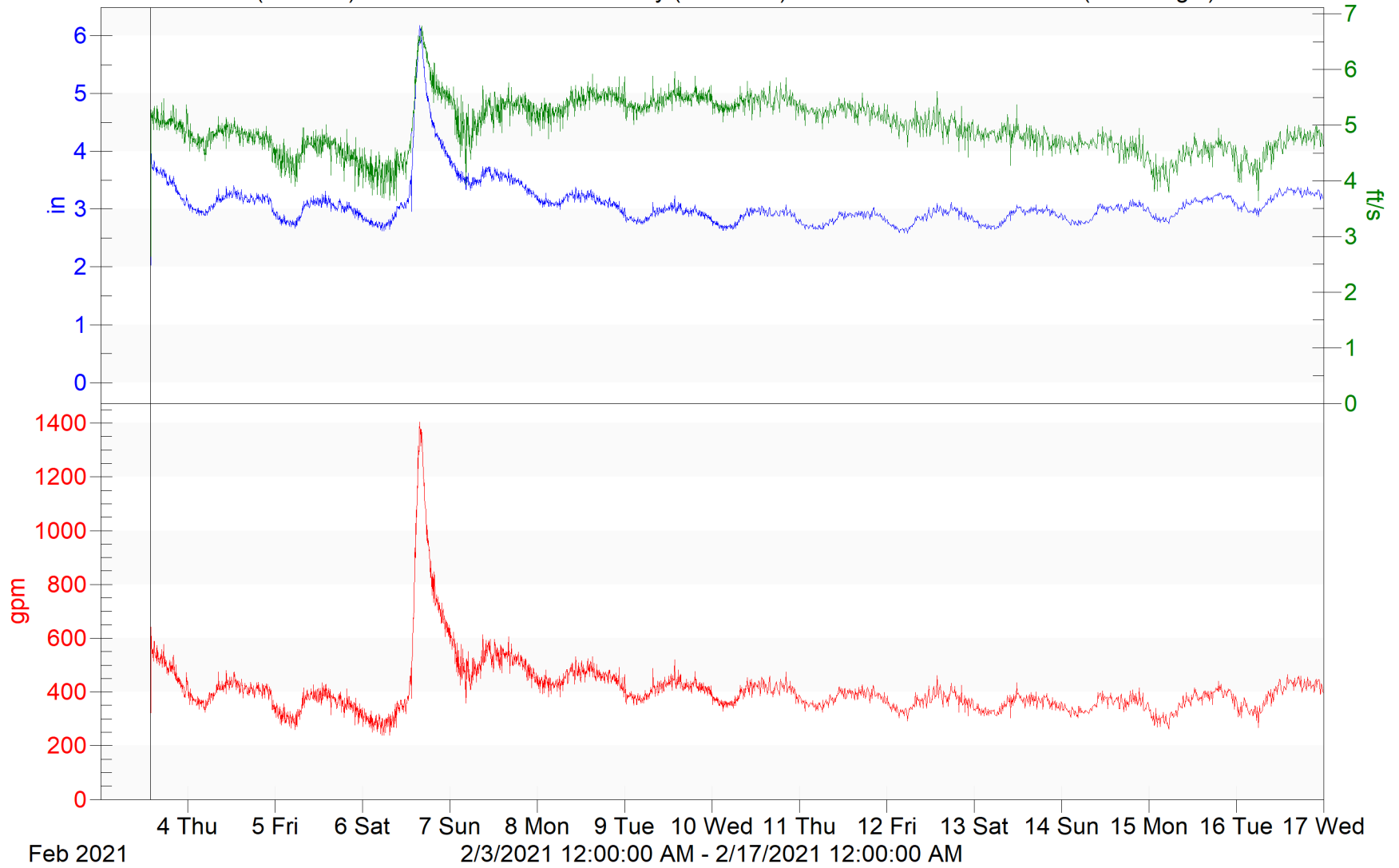
# FM283

Flowlink 5

Level (3.129 in):-0.05

Velocity (5.002 ft/s):0.00

Flow Rate (7.913 mgal):0.00



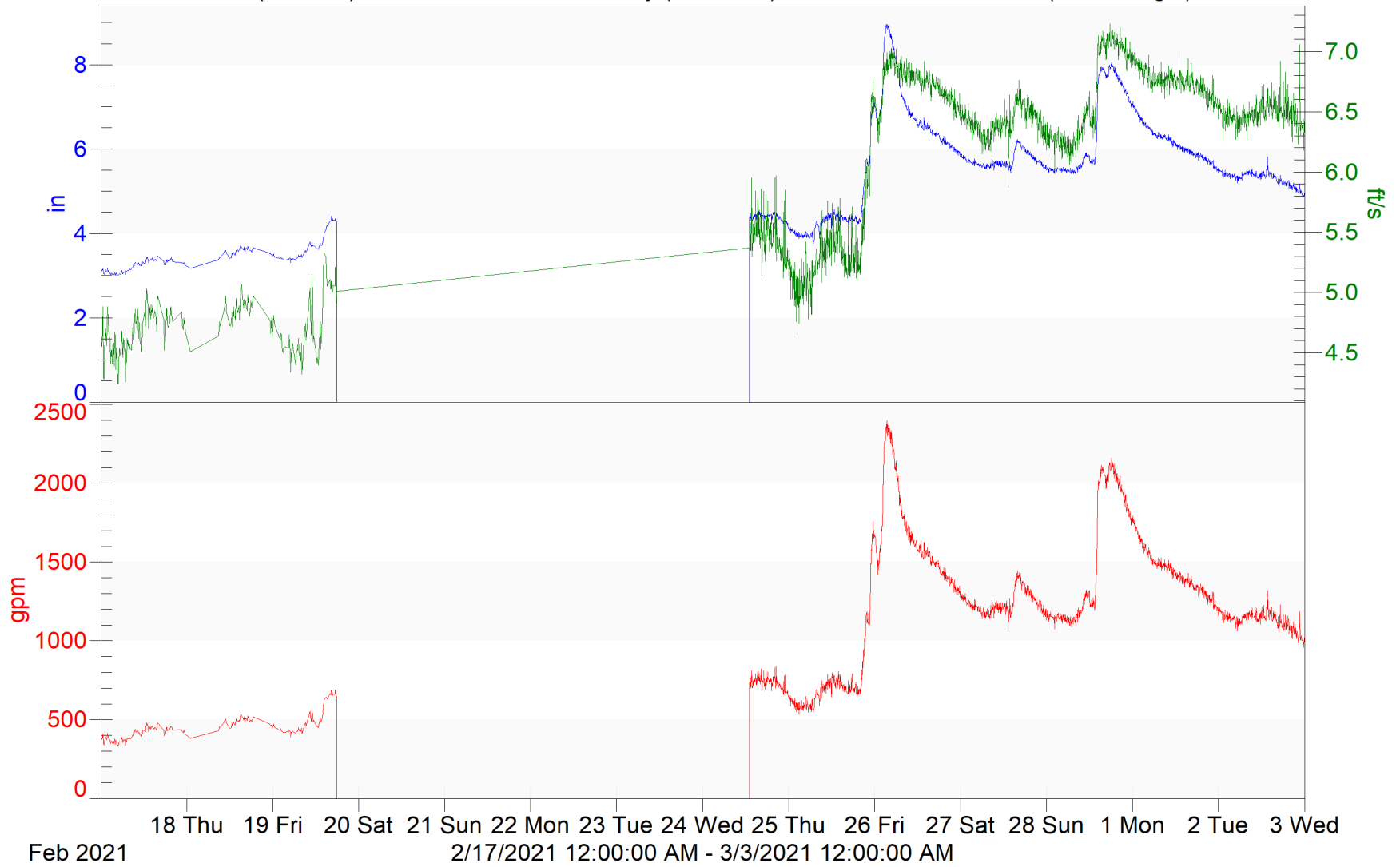
# FM283

Flowlink 5

Level (5.477 in):3.13

Velocity (6.153 ft/s):4.62

Flow Rate (13.413 mgal):384.95



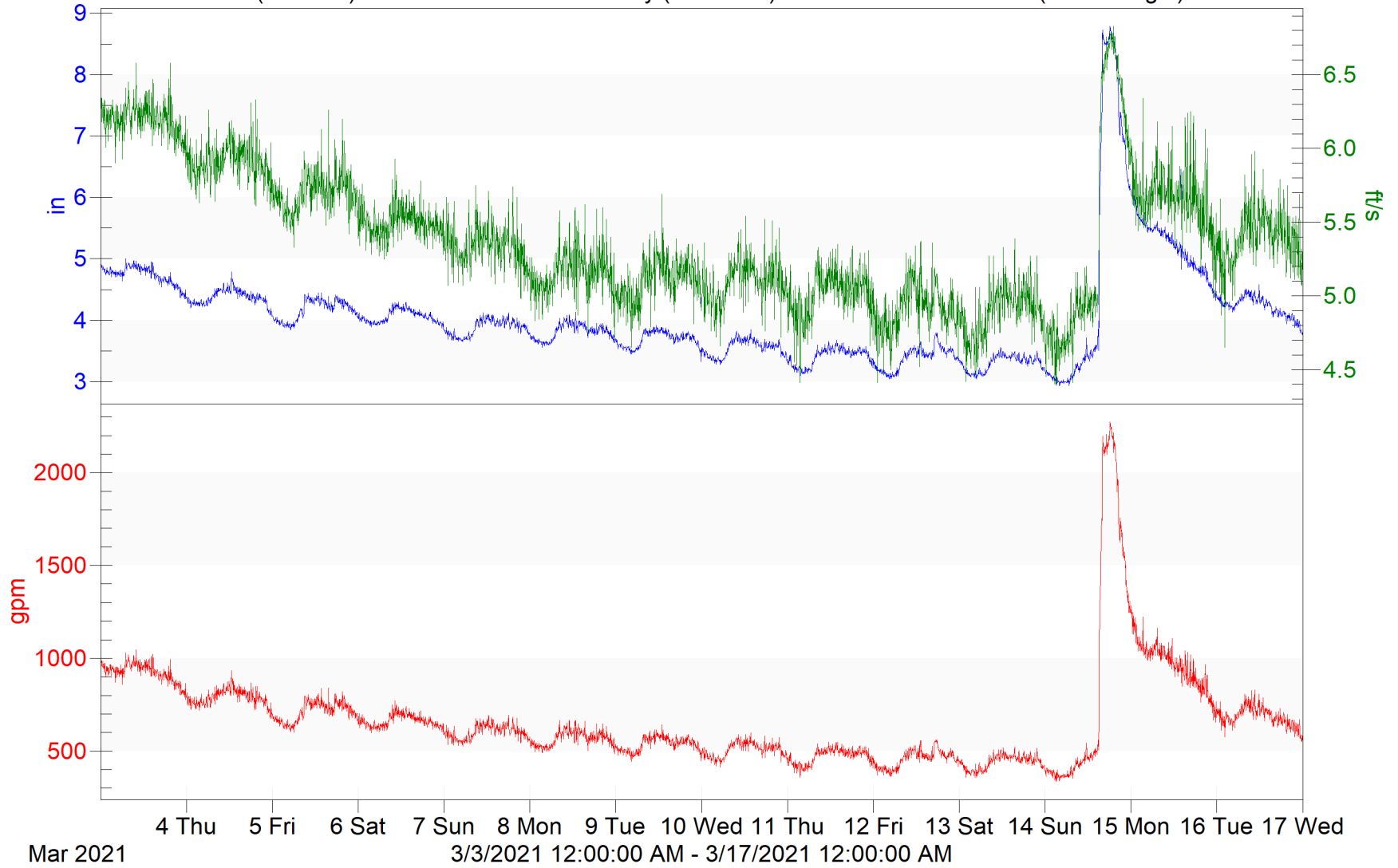
# FM283

Flowlink 5

Level (4.042 in):4.99

Velocity (5.379 ft/s):6.46

Flow Rate (13.333 mgal):1035.39



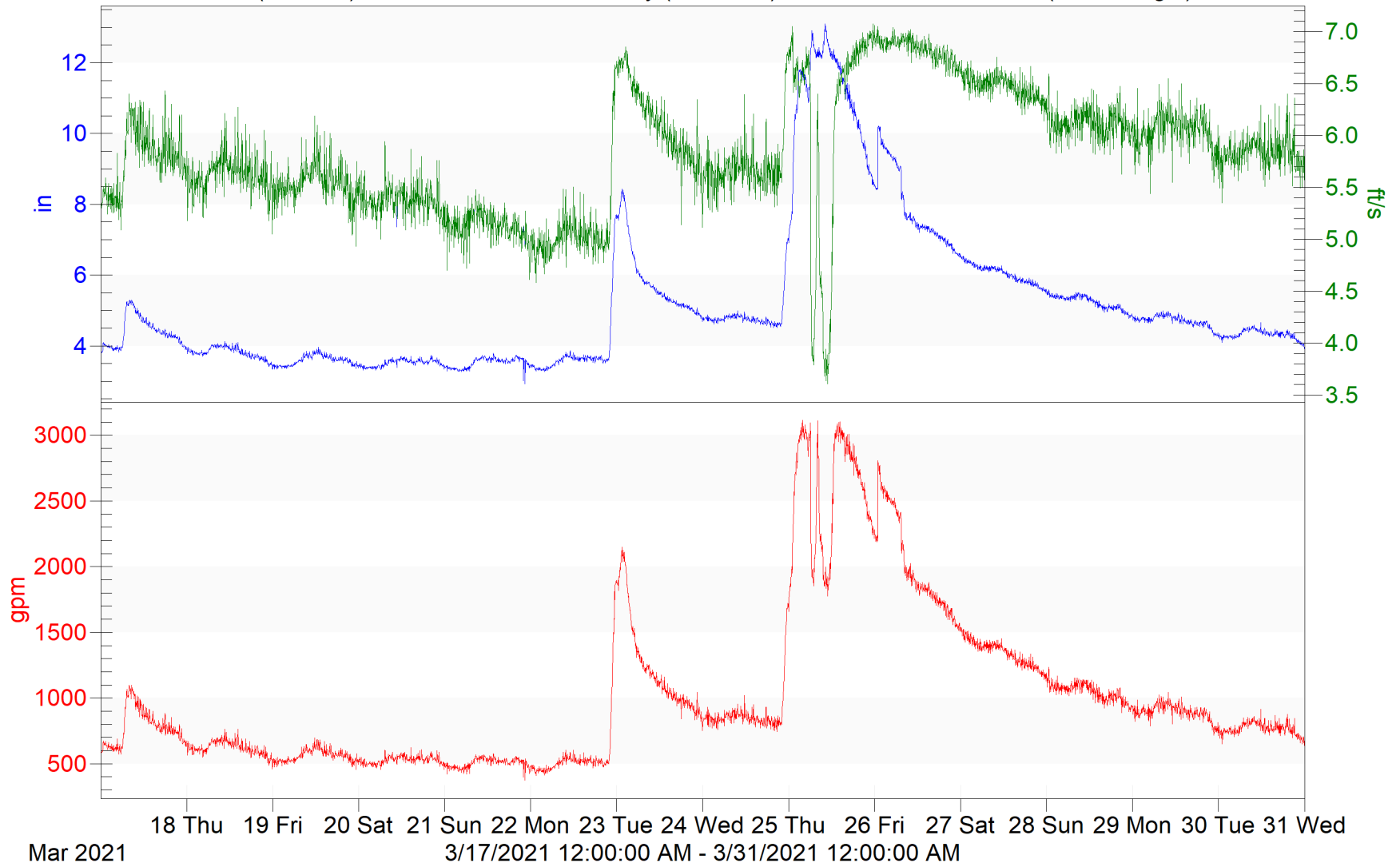
# FM283

Flowlink 5

Level (5.176 in):3.72

Velocity (5.841 ft/s):5.06

Flow Rate (20.627 mgal):538.73



# FM283

Flowlink 5

Level (3.563 in):4.01

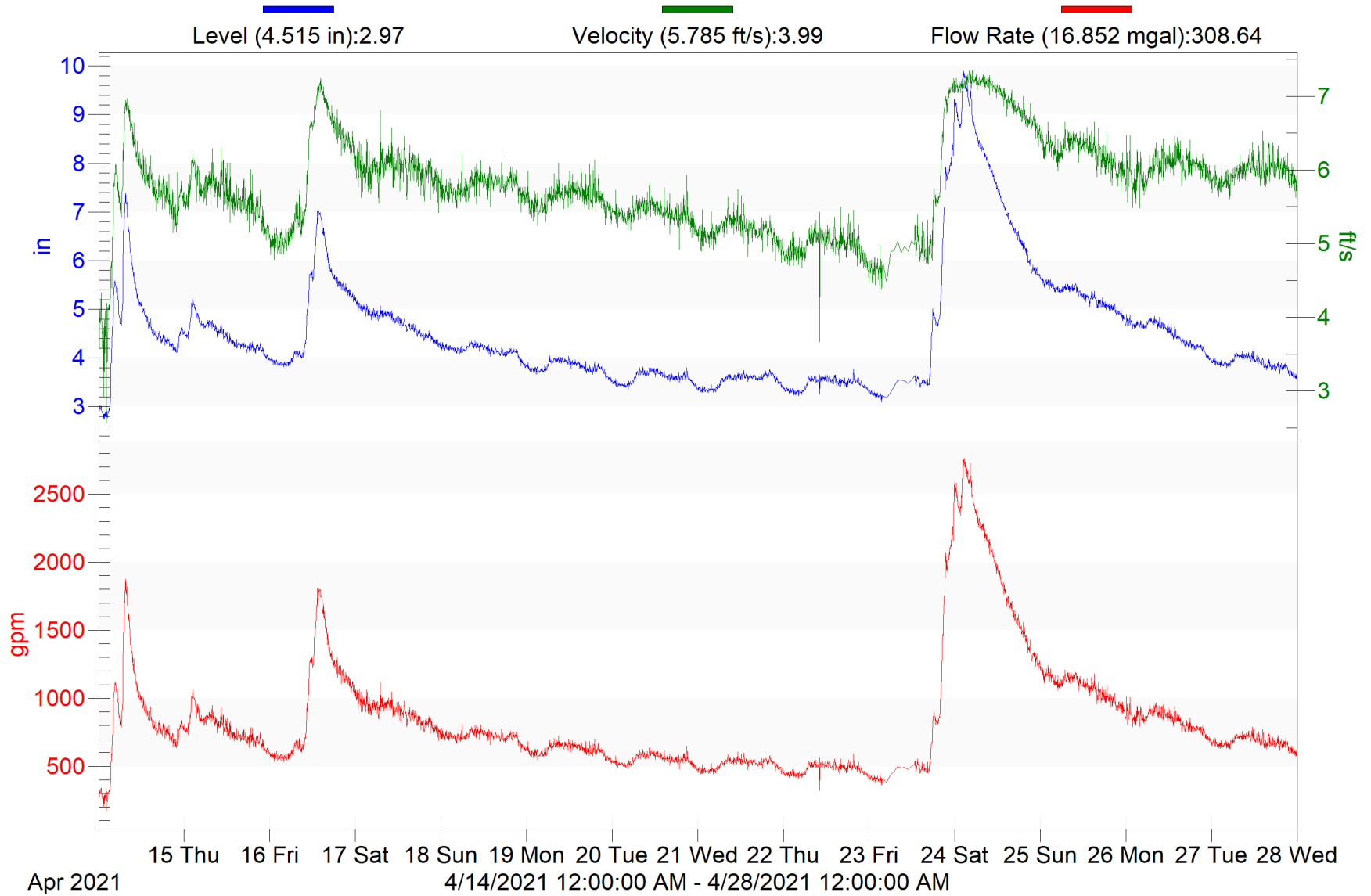
Velocity (4.968 ft/s):6.03

Flow Rate (10.125 mgal):713.12



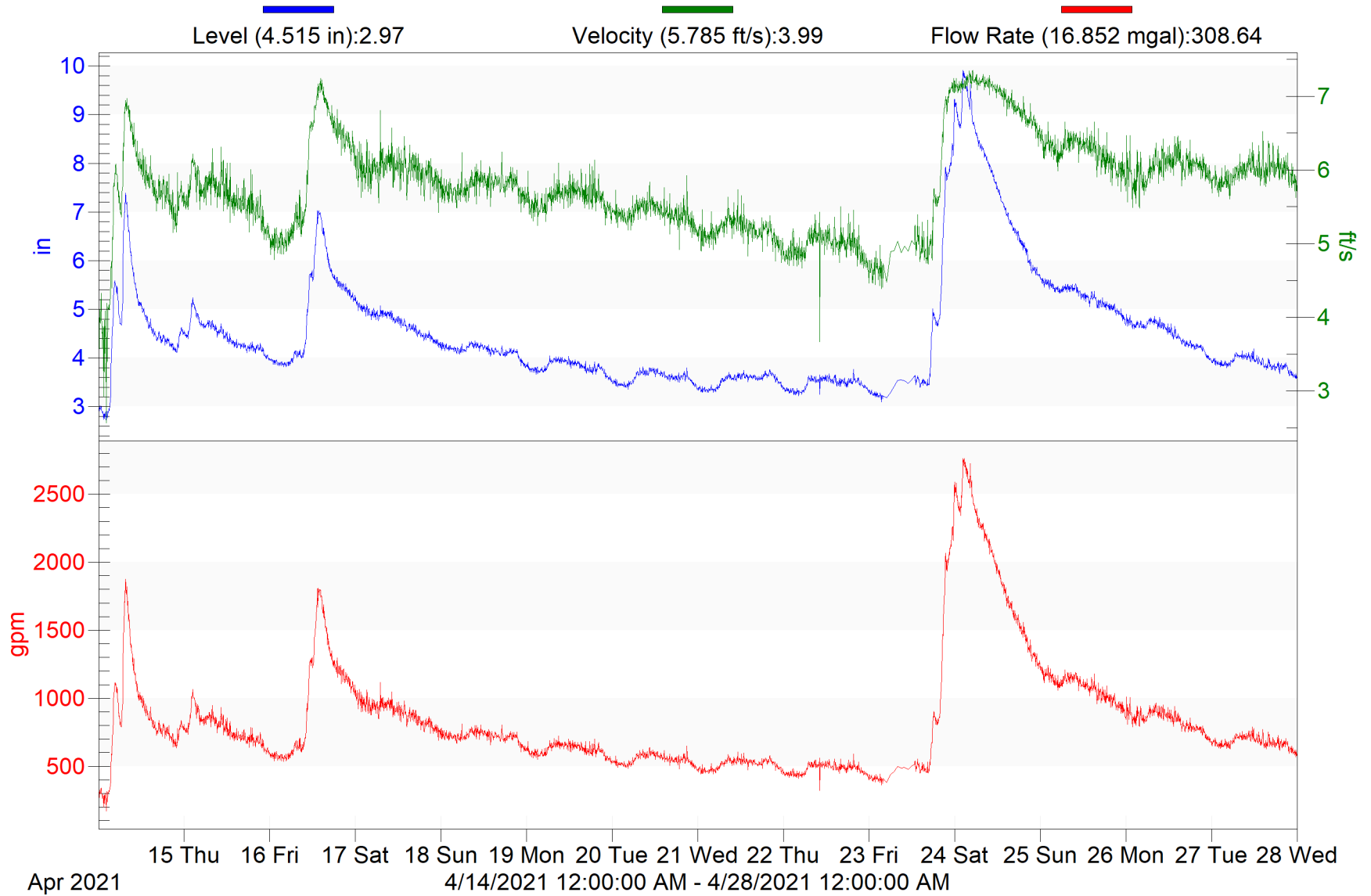
# FM283

Flowlink 5



# FM283

Flowlink 5





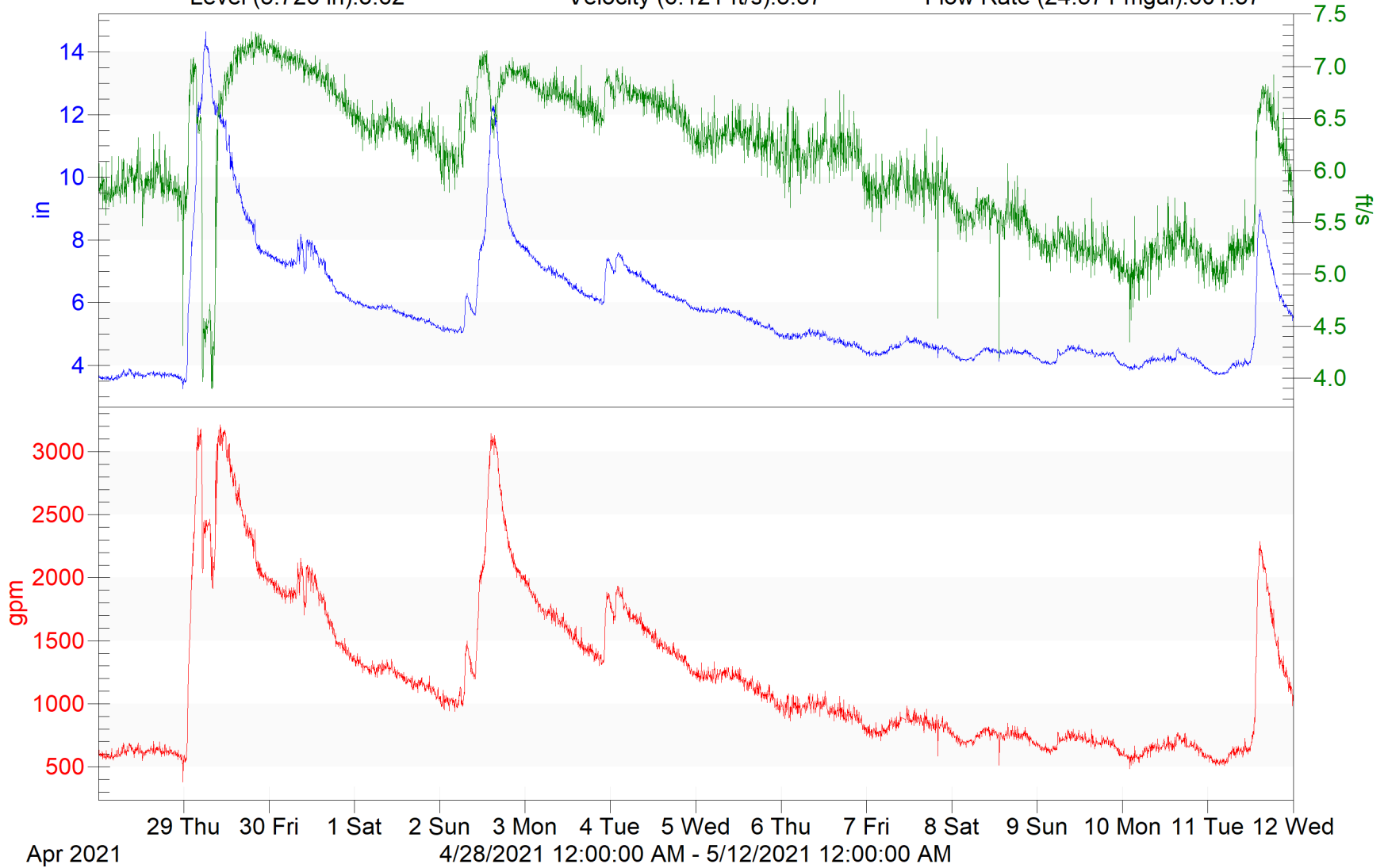
# FM283

Flowlink 5

Level (5.726 in):3.62

Velocity (6.121 ft/s):5.87

Flow Rate (24.571 mgal):601.37



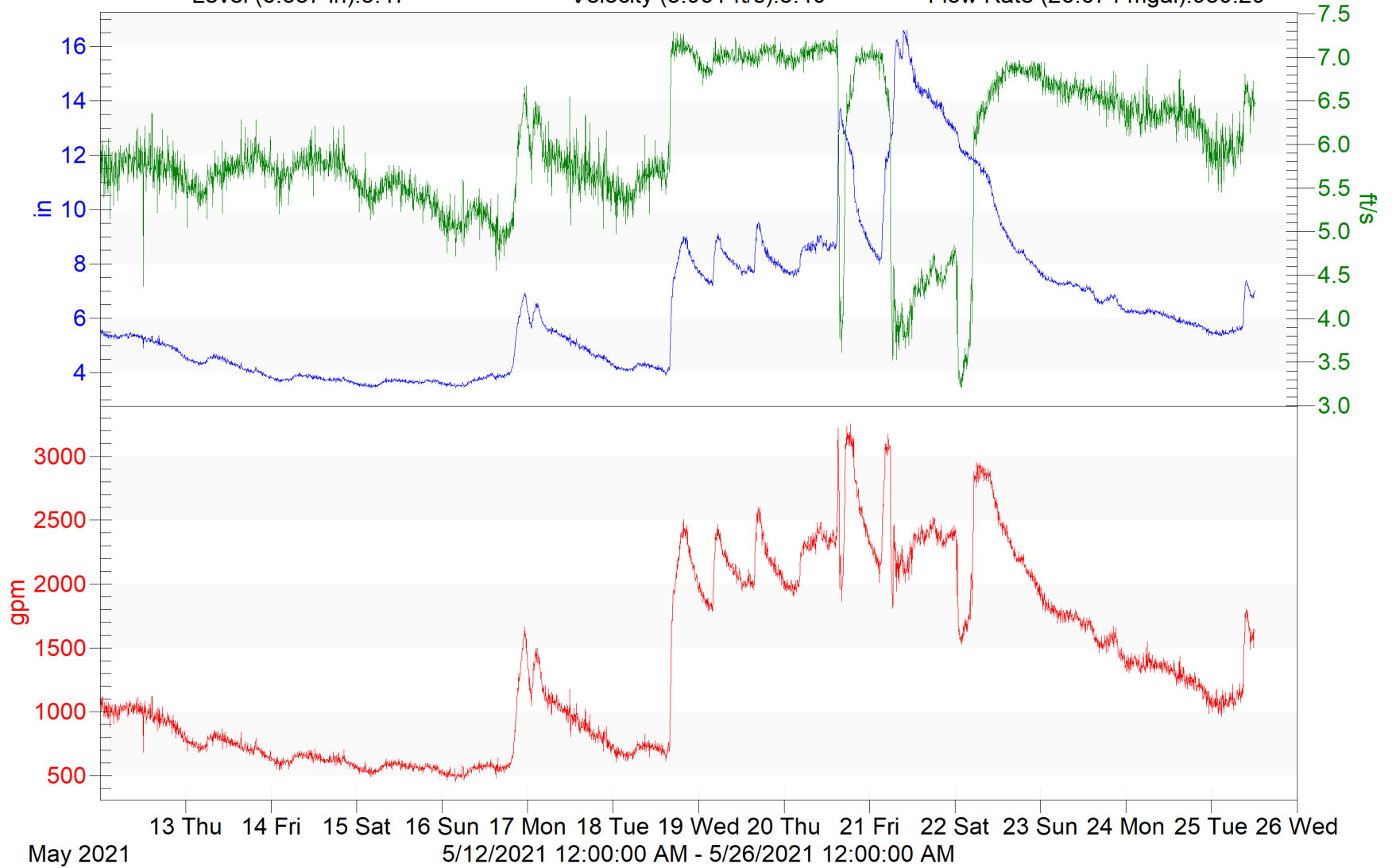
# FM283

Flowlink 5

Level (6.557 in):5.47

Velocity (5.961 ft/s):5.40

Flow Rate (26.674 mgal):980.29









Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FM388</b>	Flow Meter	4/23/2021	J. Cawthon
Address	Location Details		Traffic Area ?
1st and Martin St.	middle of the intersection		Yes
Installation Manhole	Material	Evidence of Surcharge ?	
388	Brick	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.70%	10.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
incoming	VCP	12	

Hydraulic Conditions
Normal level with high velocity
General Conditions
light traffic

Map Image	Area Image	Sensor Ring Image
		
Map_FM388	FM388 Area	FM388 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM388	FM388 Inner	FM388 Schematic

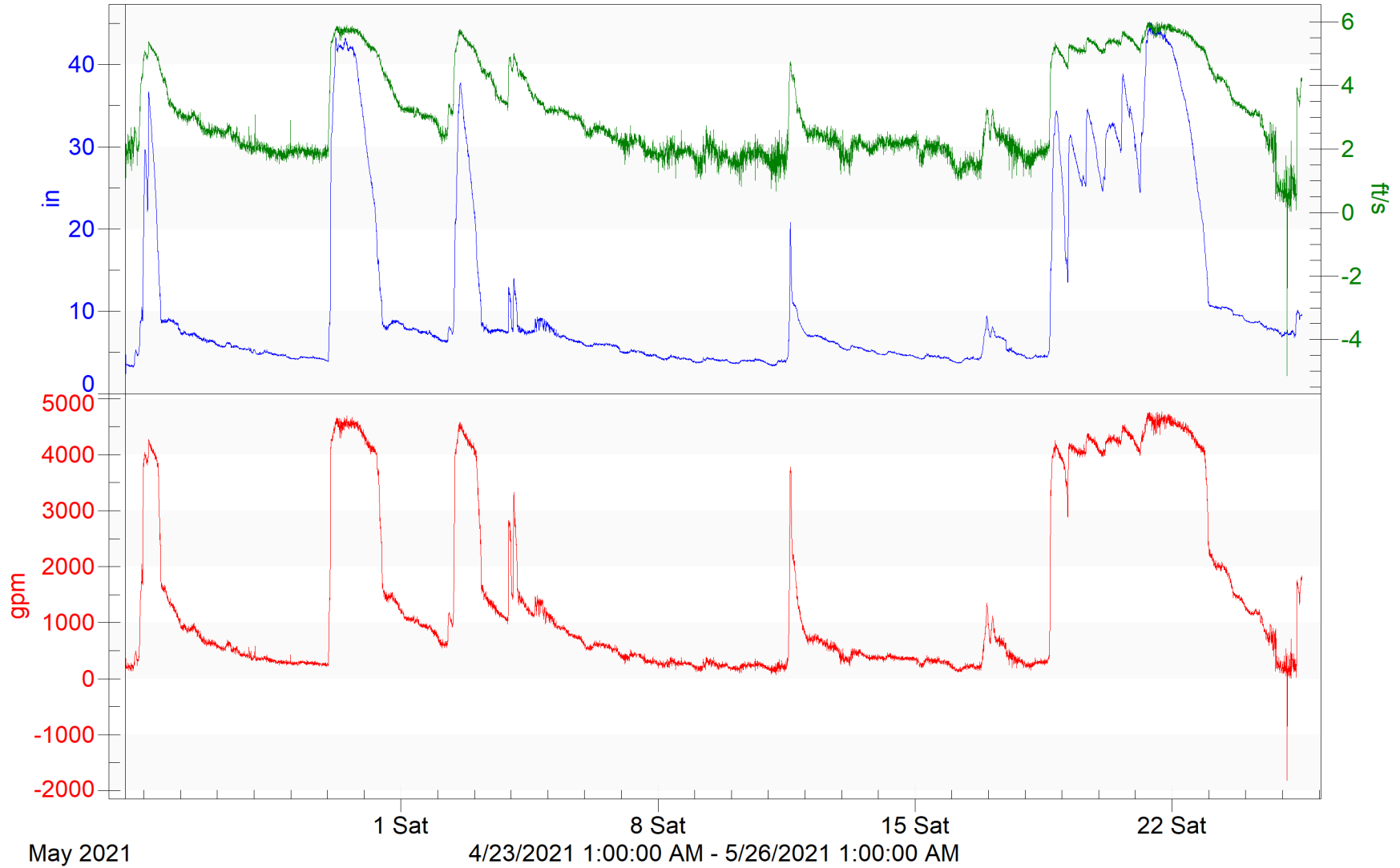
# FM 388

Flowlink 5

Level (11.55 in):0.03

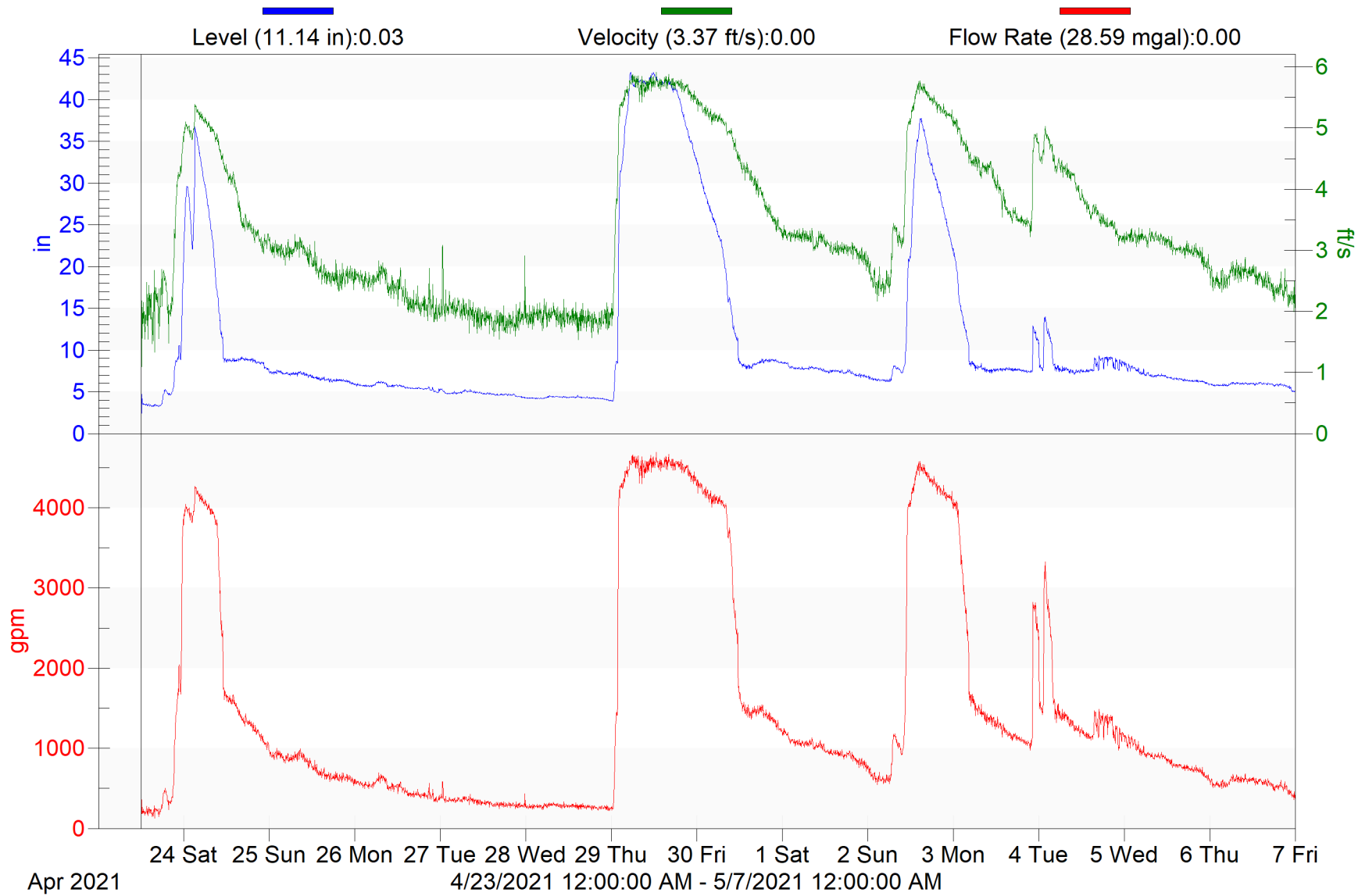
Velocity (3.11 ft/s):0.00

Flow Rate (66.05 mgal):0.00



# FM 388

Flowlink 5



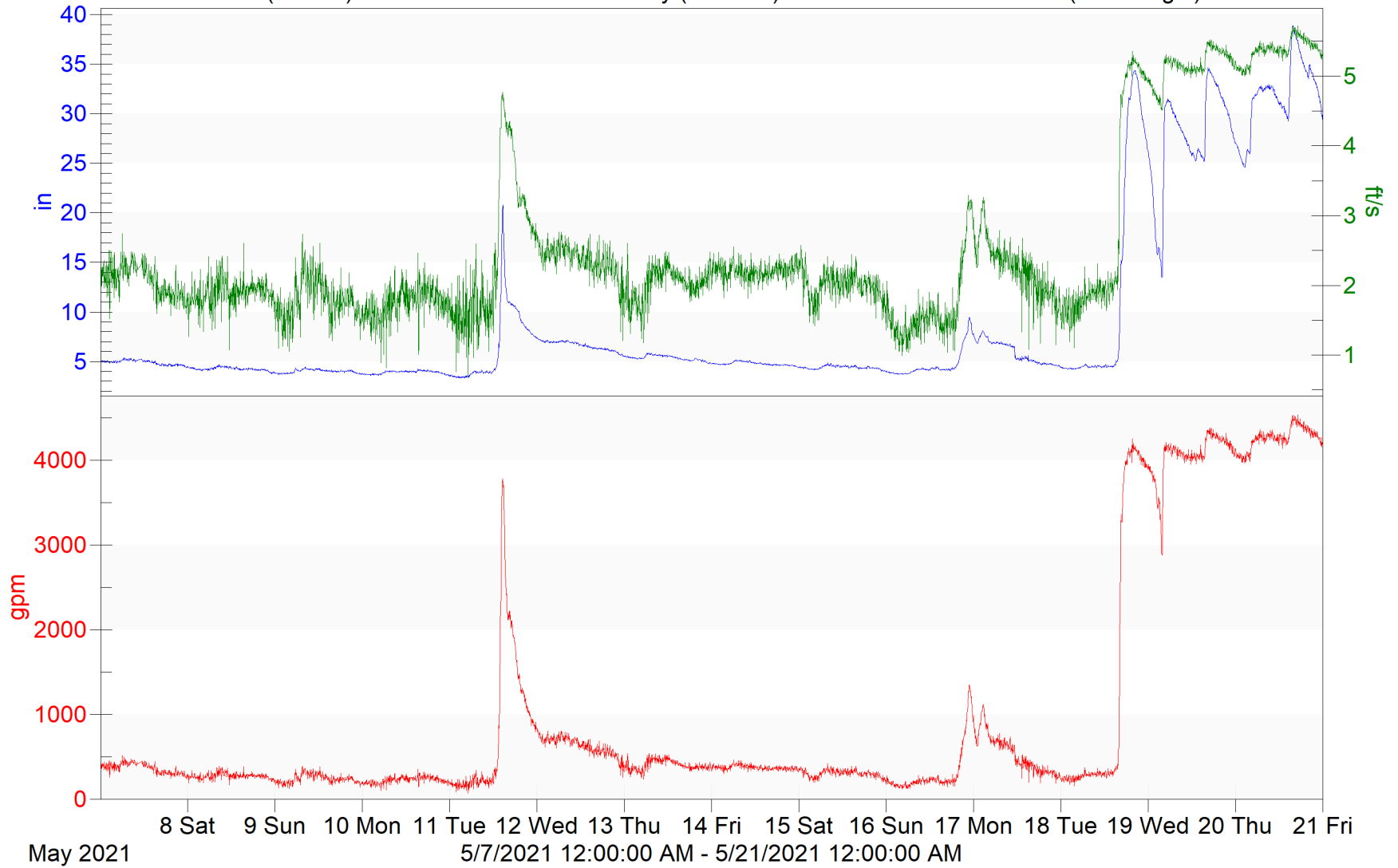
# FM 388

Flowlink 5

Level (9.09 in):5.02

Velocity (2.57 ft/s):2.27

Flow Rate (20.59 mgal):409.56



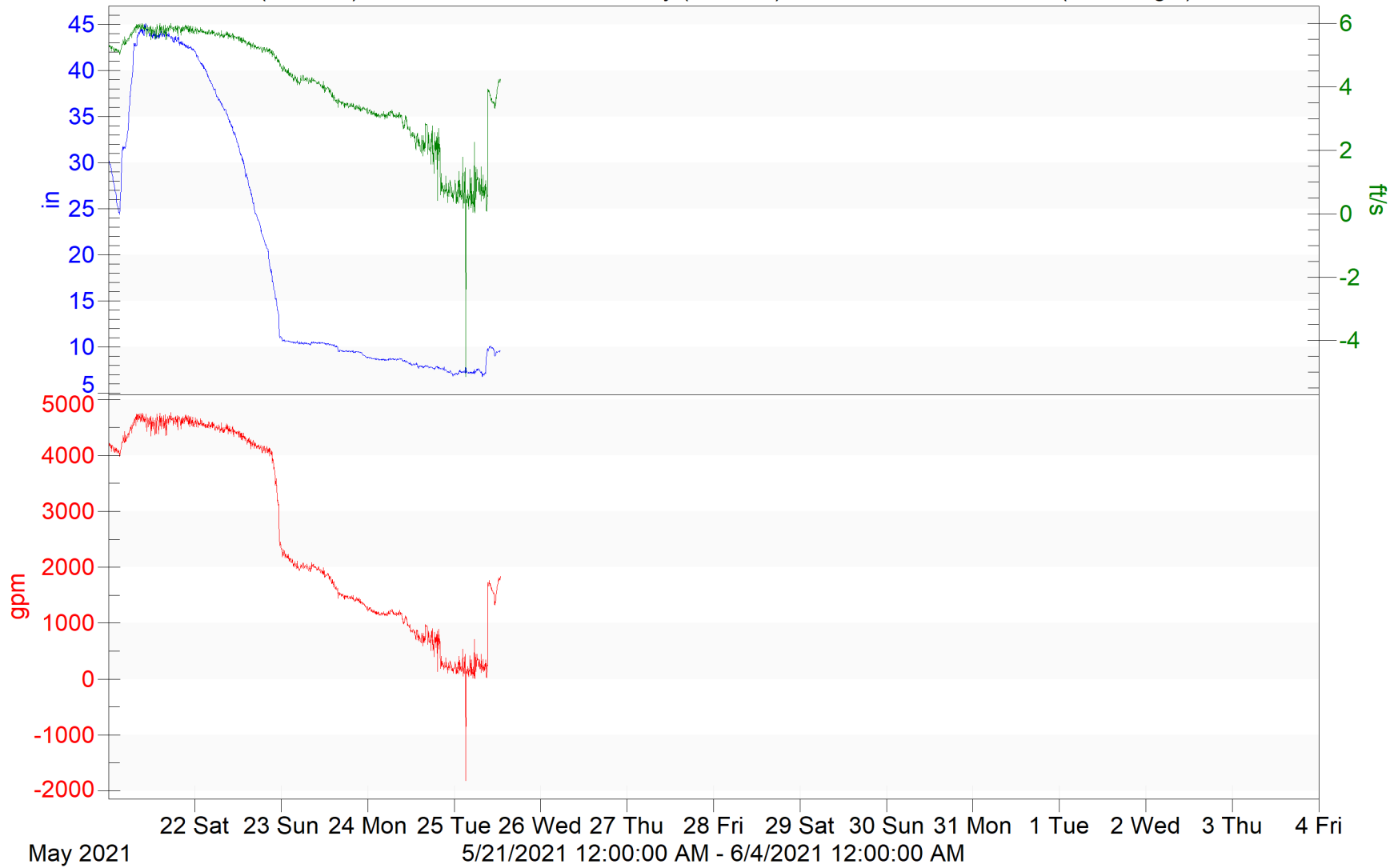
# FM 388

Flowlink 5

Level (20.37 in):30.27

Velocity (4.02 ft/s):5.26

Flow Rate (16.88 mgal):4171.68






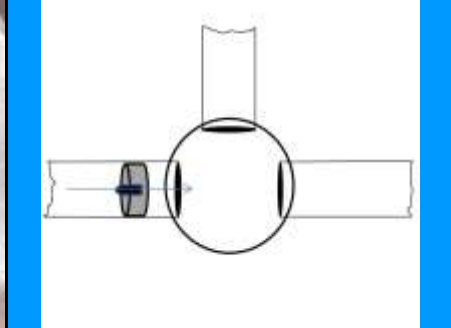


Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FM606</b>	Flow Meter	2/3/2021	J. Cawthon
Address	Location Details		Traffic Area ?
121 Industrial Ln	next to waste company		No
Installation Manhole	Material	Evidence of Surcharge ?	
606	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
	VCP	18	

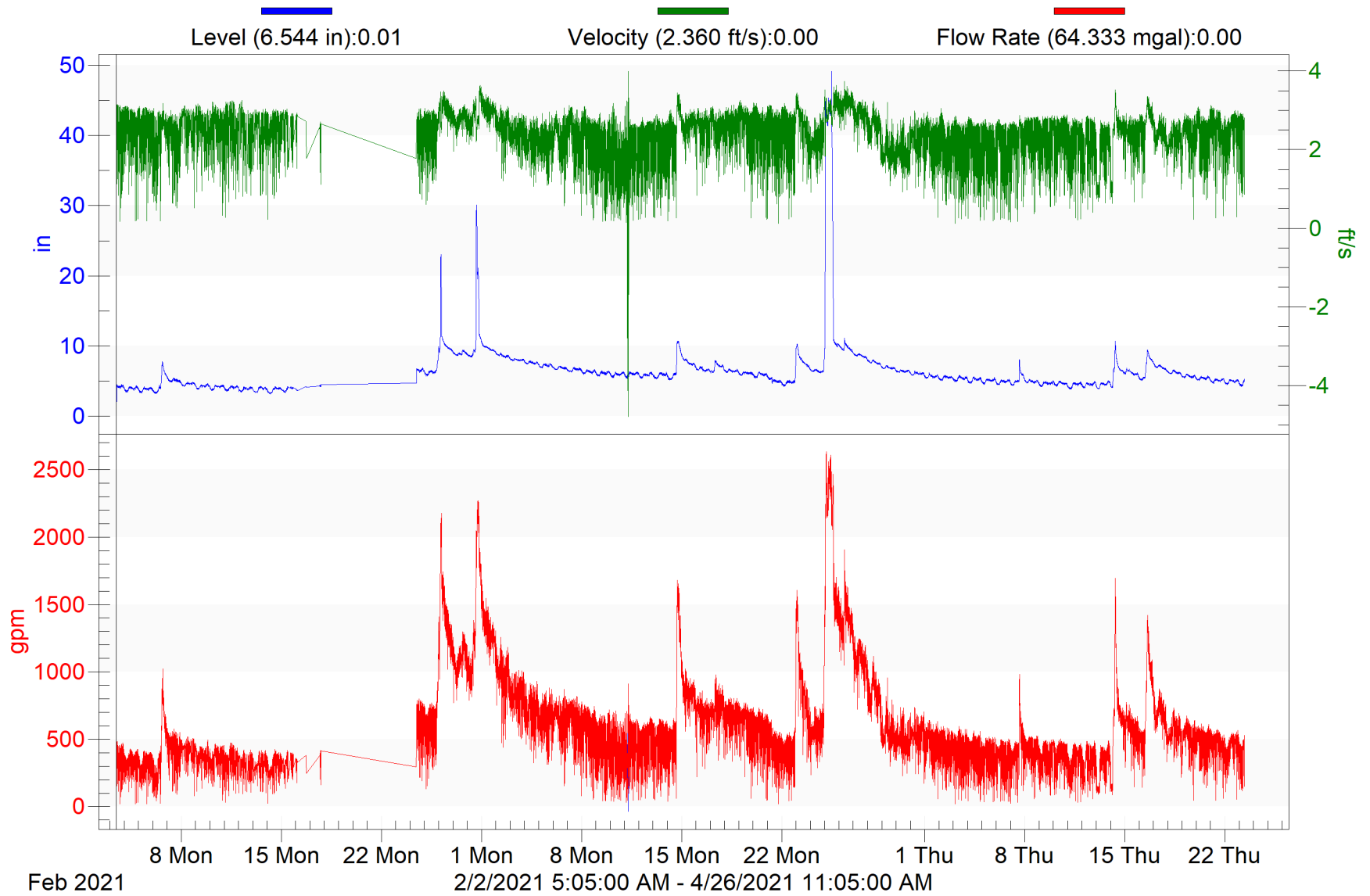
Hydraulic Conditions
Normal Level with high velocity
General Conditions

Map Image	Area Image	Sensor Ring Image
		
Map_FM606	FM606 Area	FM606 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM606	FM606 Inner	FM606 Schematic



# FM606

Flowlink 5



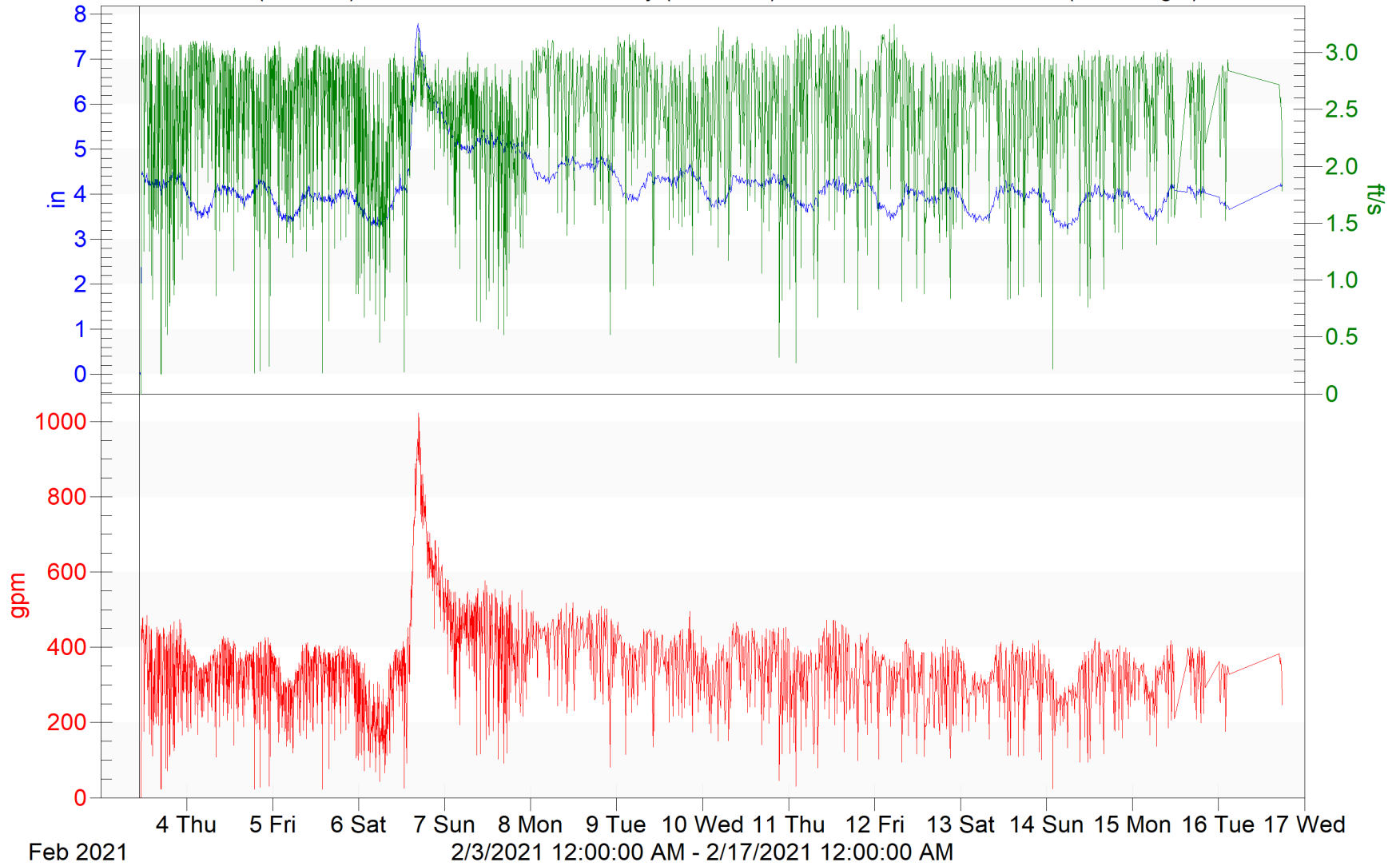
# FM606

Flowlink 5

Level (4.226 in):0.01

Velocity (2.430 ft/s):0.00

Flow Rate (6.634 mgal):0.00



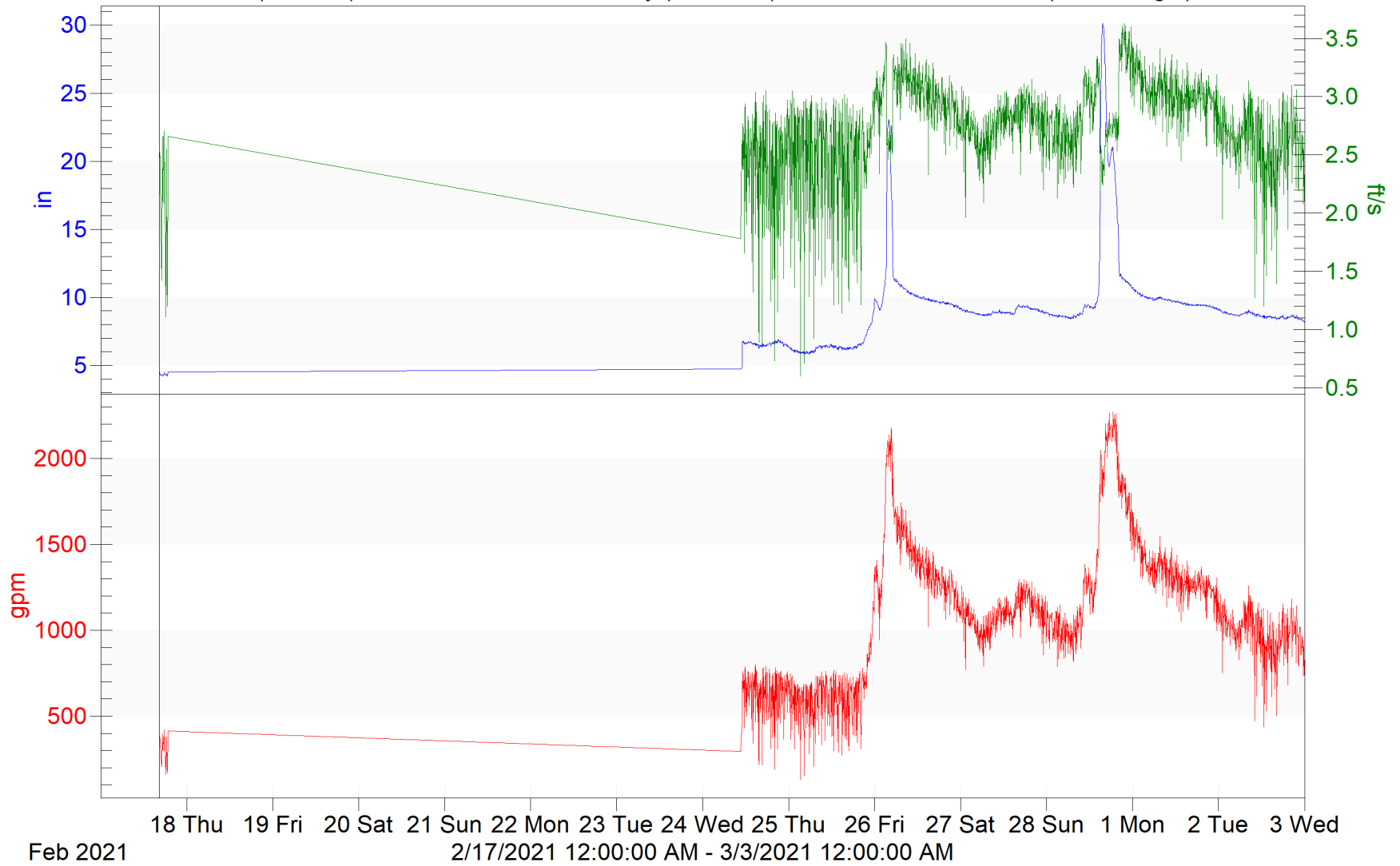
# FM606

Flowlink 5

Level (9.168 in):4.33

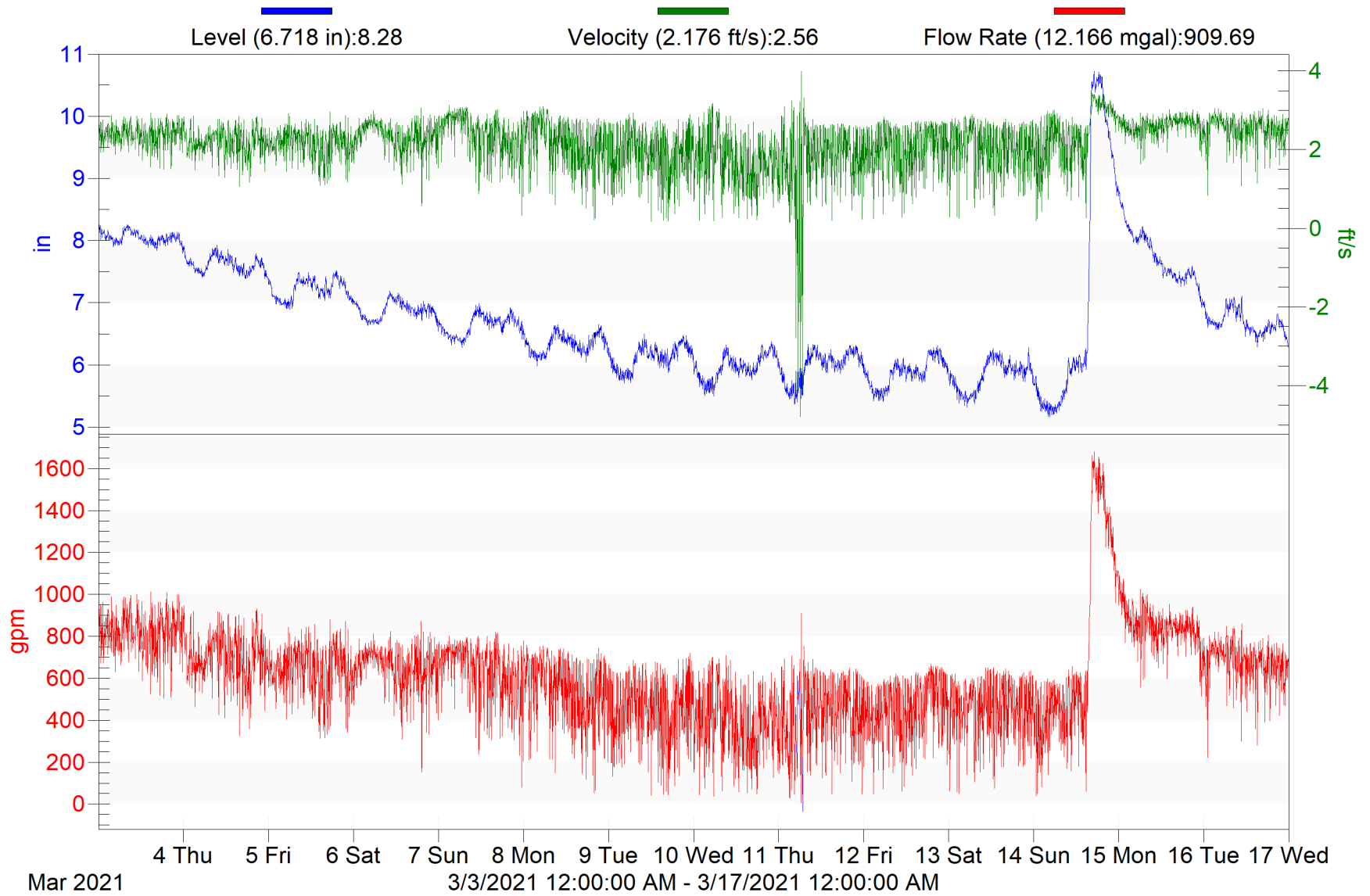
Velocity (2.741 ft/s):2.57

Flow Rate (13.271 mgal):378.55



# FM606

Flowlink 5



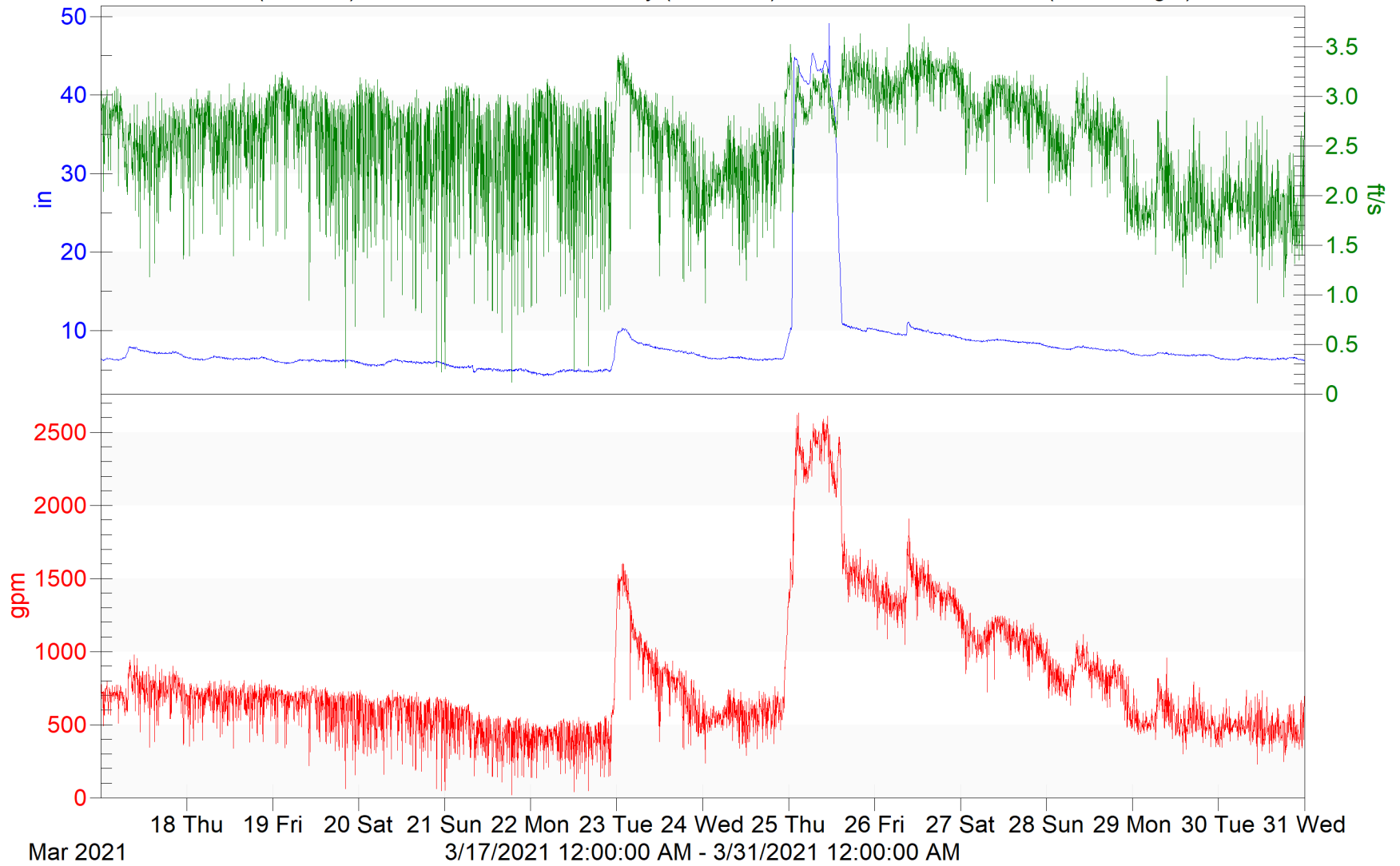
# FM606

Flowlink 5

Level (8.351 in):6.28

Velocity (2.525 ft/s):2.71

Flow Rate (16.229 mgal):666.11



# FM606

Flowlink 5

Level (5.067 in):6.18

Velocity (2.127 ft/s):2.41

Flow Rate (7.925 mgal):581.36



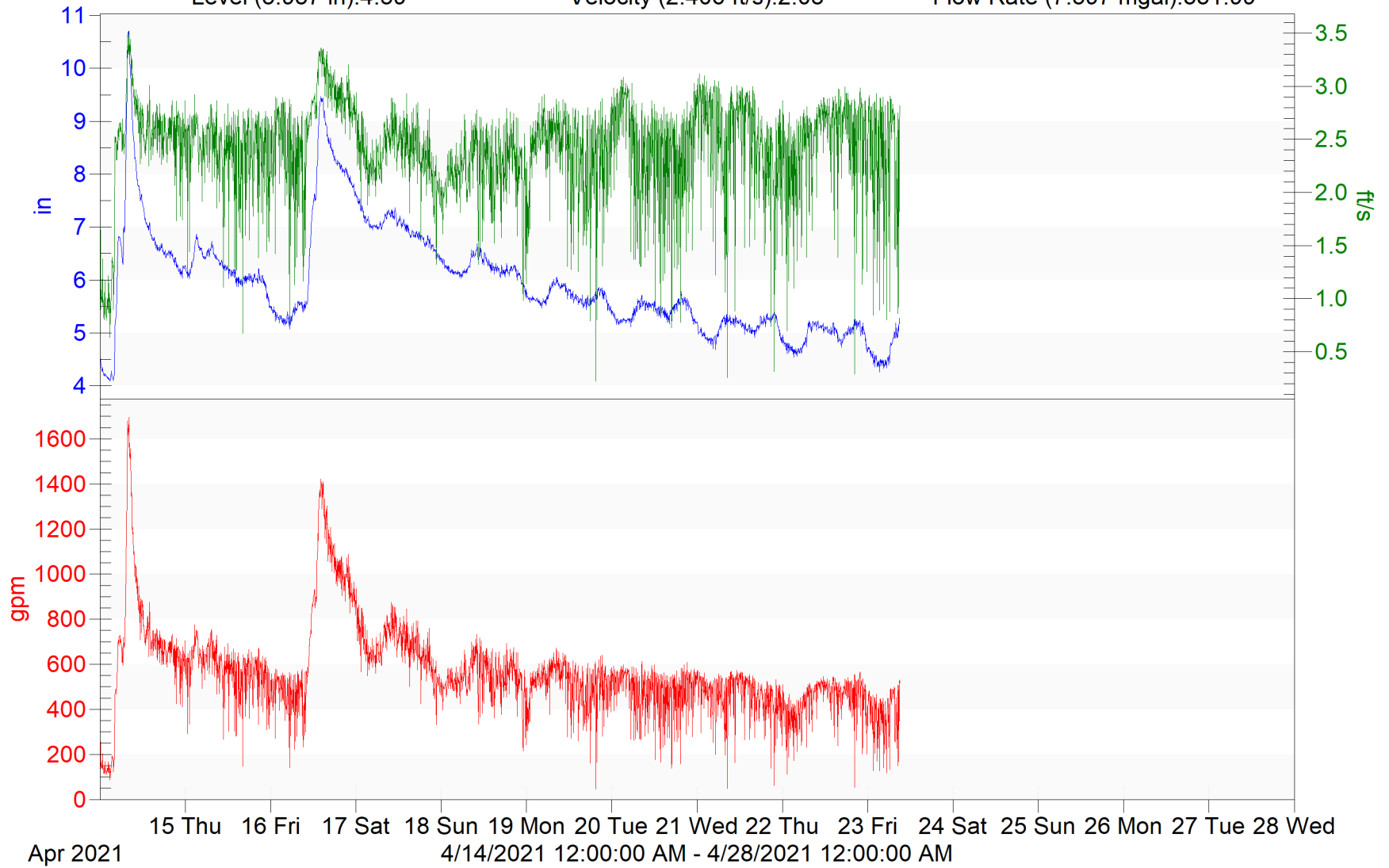
# FM606

Flowlink 5

Level (5.957 in):4.59

Velocity (2.406 ft/s):2.08

Flow Rate (7.597 mgal):331.99









Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FM715</b>	Flow Meter	2/3/2021	J. Cawthon
Address	Location Details		Traffic Area ?
1 Hot Rod Ln	Next to building		No
Installation Manhole	Material	Evidence of Surge ?	
715	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
	VCP	15	

Hydraulic Conditions
Normal level and velocity. Evidence of surcharge
General Conditions
S/N for the AV sensor we replaced 200600587565

Map Image	Area Image	Sensor Ring Image
		
Map_FM715	FM715 Area	FM715 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM715	FM715 Inner	FM715 Schematic



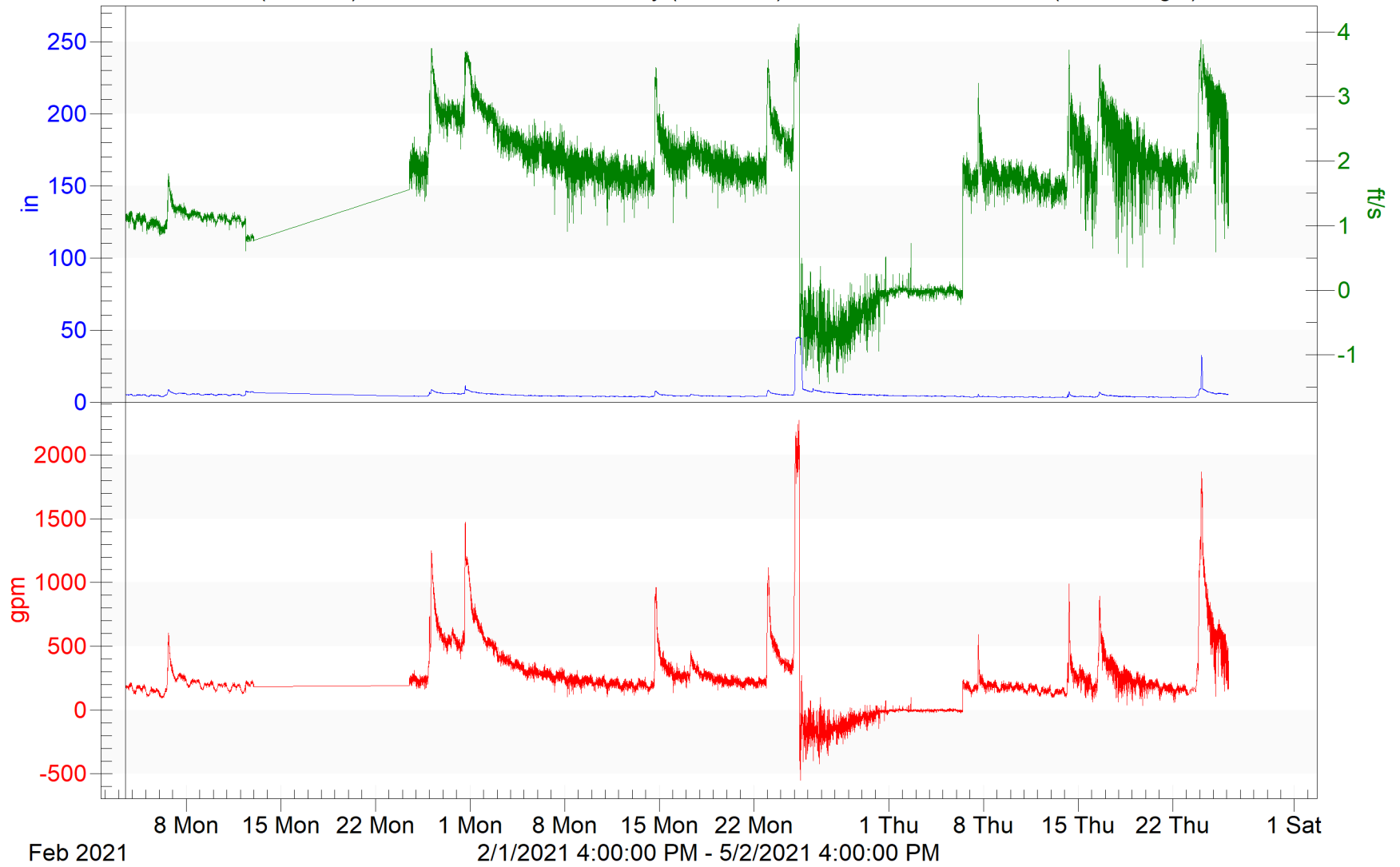
# FM715

Flowlink 5

Level (5.031 in):5.20

Velocity (1.603 ft/s):1.18

Flow rate (28.009 mgal):199.48



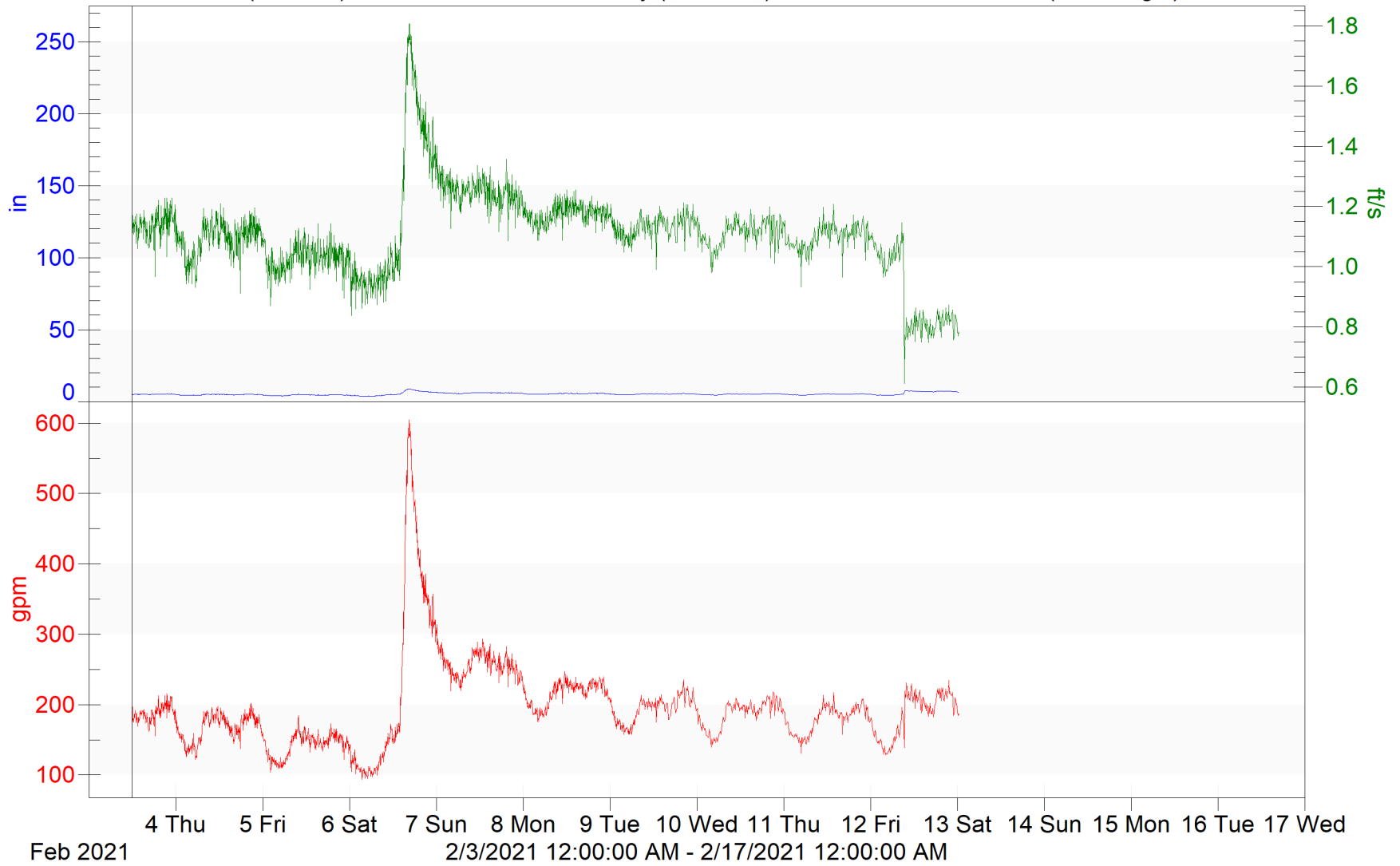
# FM715

Flowlink 5

Level (5.281 in):5.20

Velocity (1.123 ft/s):1.18

Flow rate (2.687 mgal):199.48



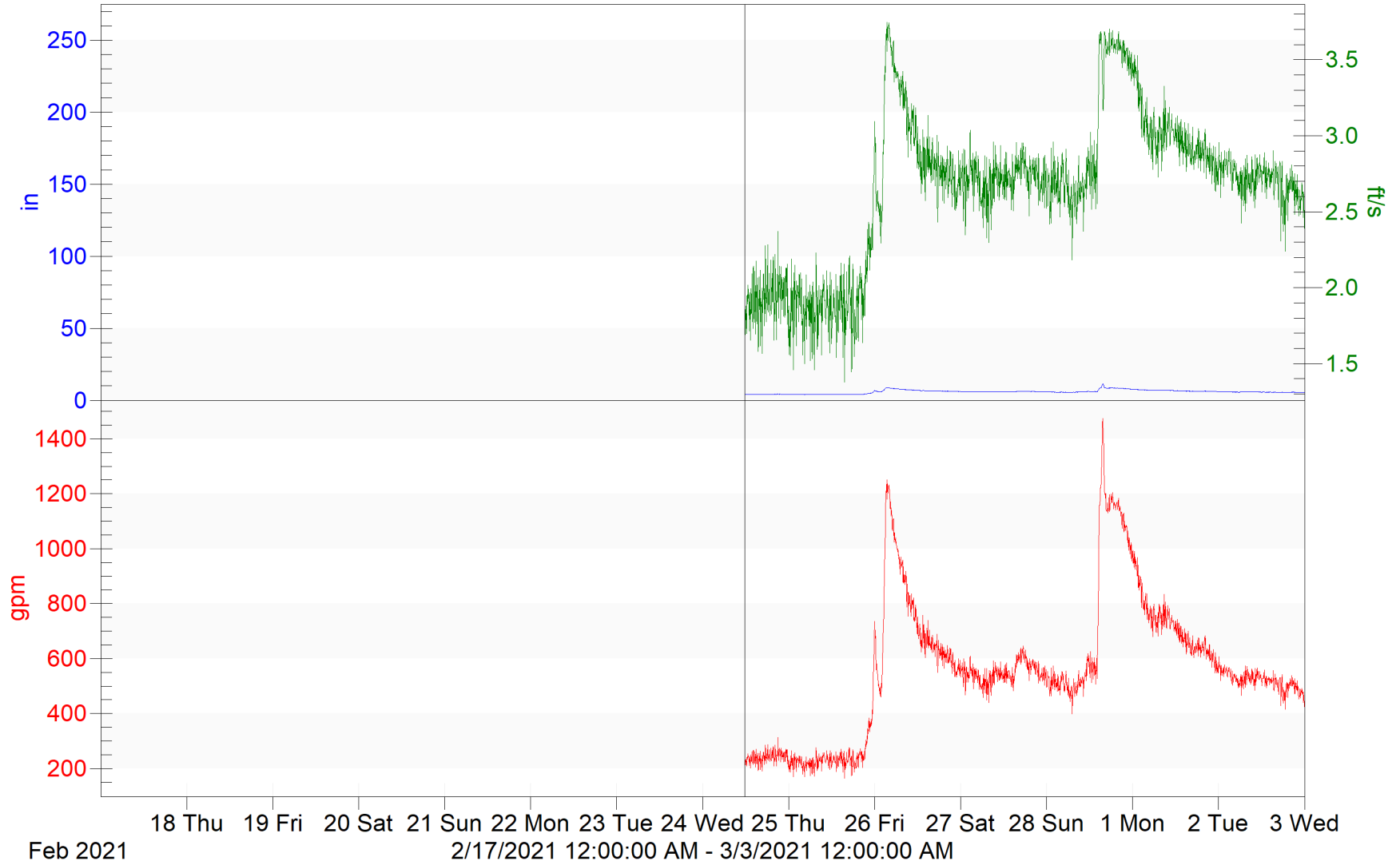
# FM715

Flowlink 5

Level (5.898 in):4.14

Velocity (2.659 ft/s):1.56

Flow rate (5.284 mgal):192.95



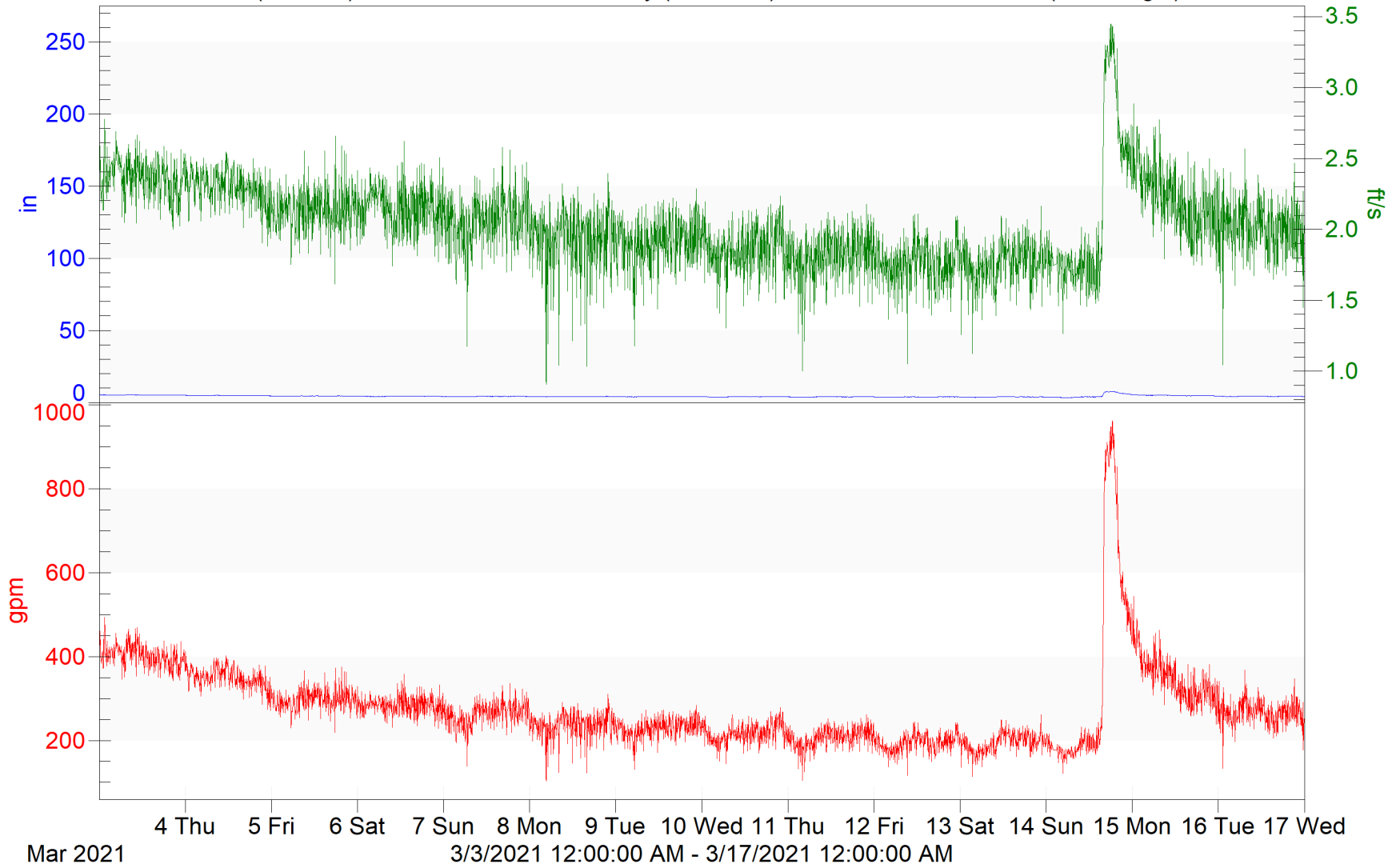
# FM715

Flowlink 5

Level (4.340 in):5.37

Velocity (2.030 ft/s):2.38

Flow rate (5.543 mgal):421.41



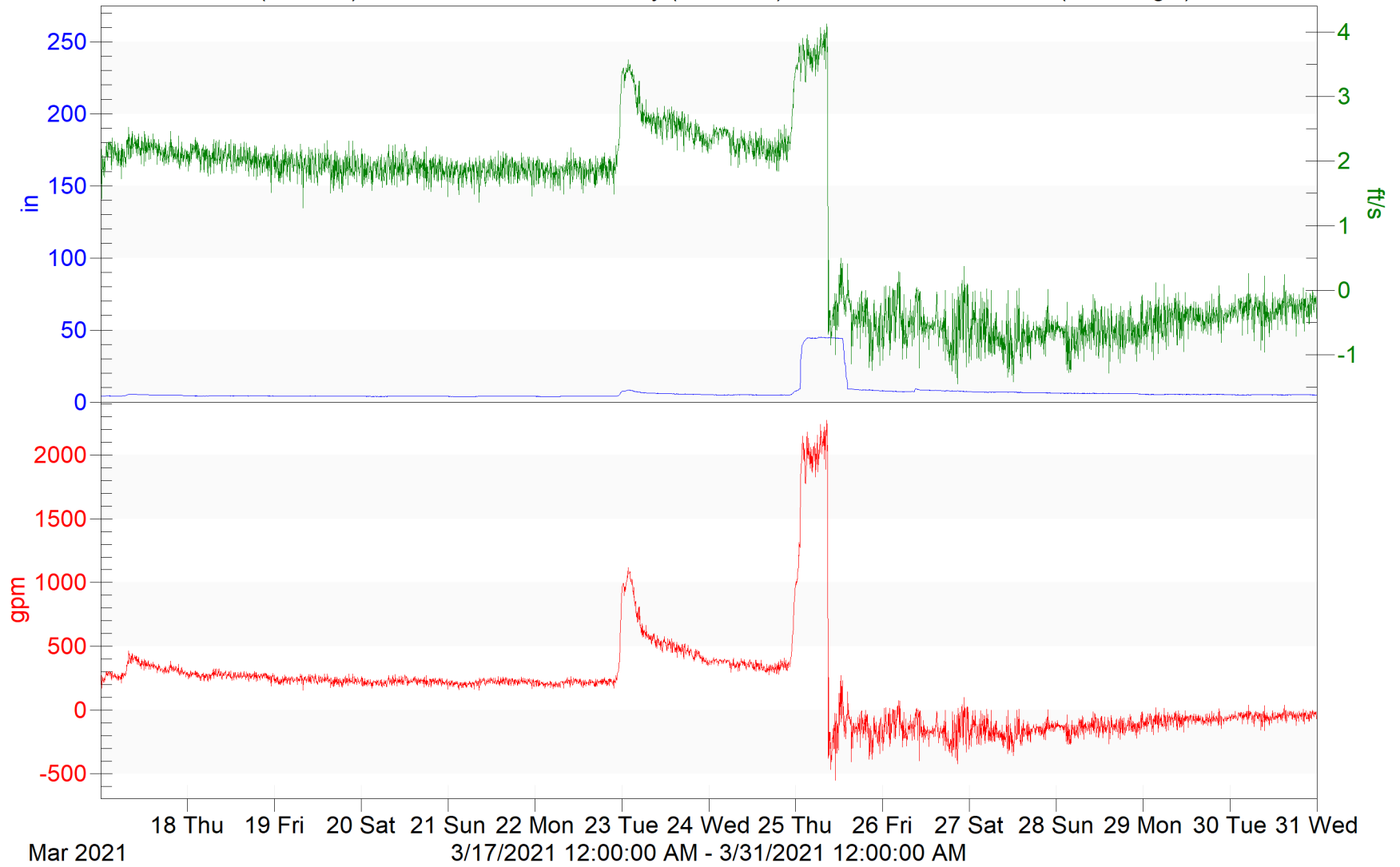
# FM715

Flowlink 5

Level (6.691 in):4.19

Velocity (1.092 ft/s):2.06

Flow rate (3.602 mgal):259.38



# FM715

Flowlink 5

Level (3.901 in):4.81

Velocity (0.919 ft/s):-0.19

Flow rate (1.875 mgal):-28.41



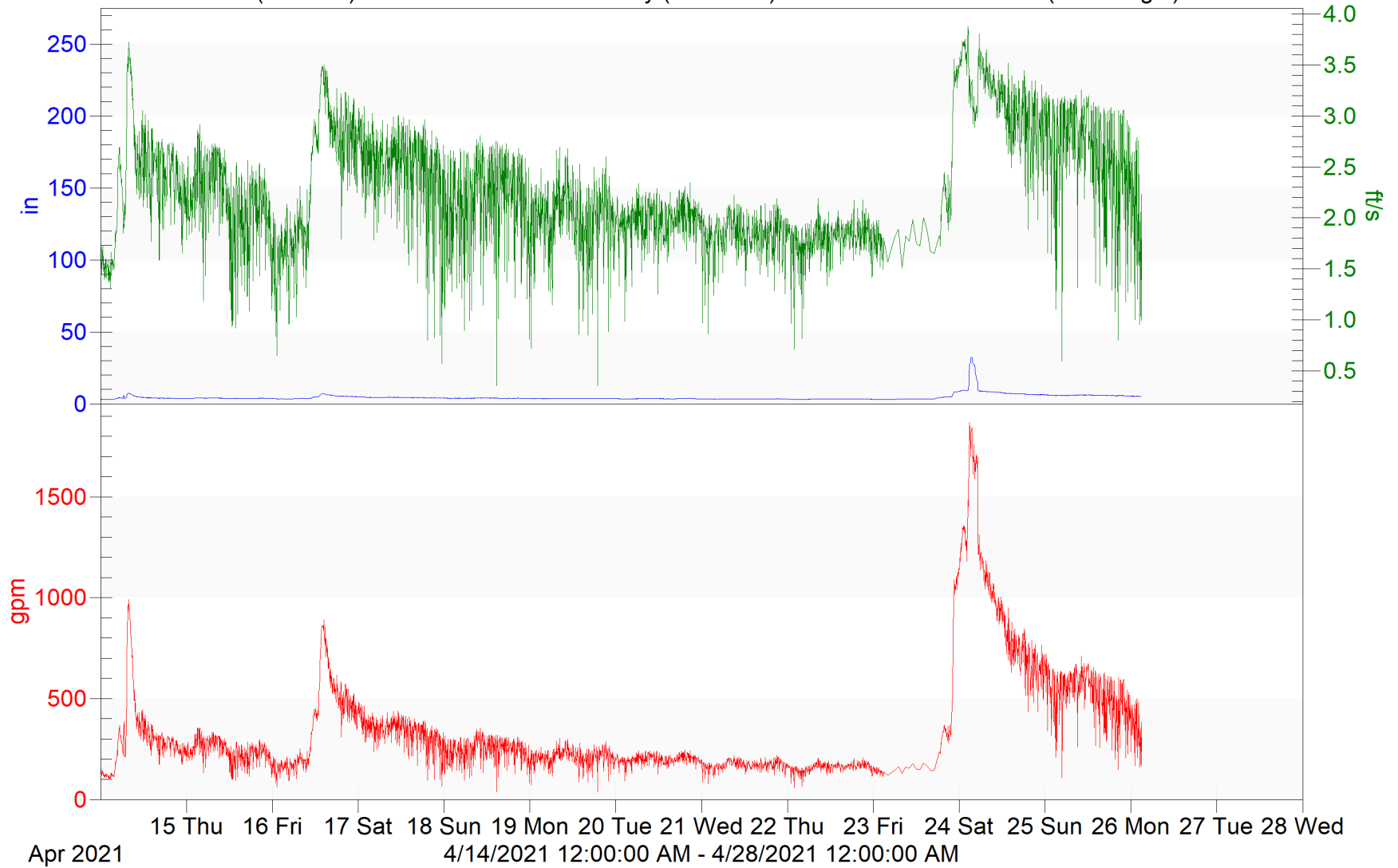
# FM715

Flowlink 5

Level (4.573 in):3.24

Velocity (2.254 ft/s):1.51

Flow rate (5.831 mgal):131.85



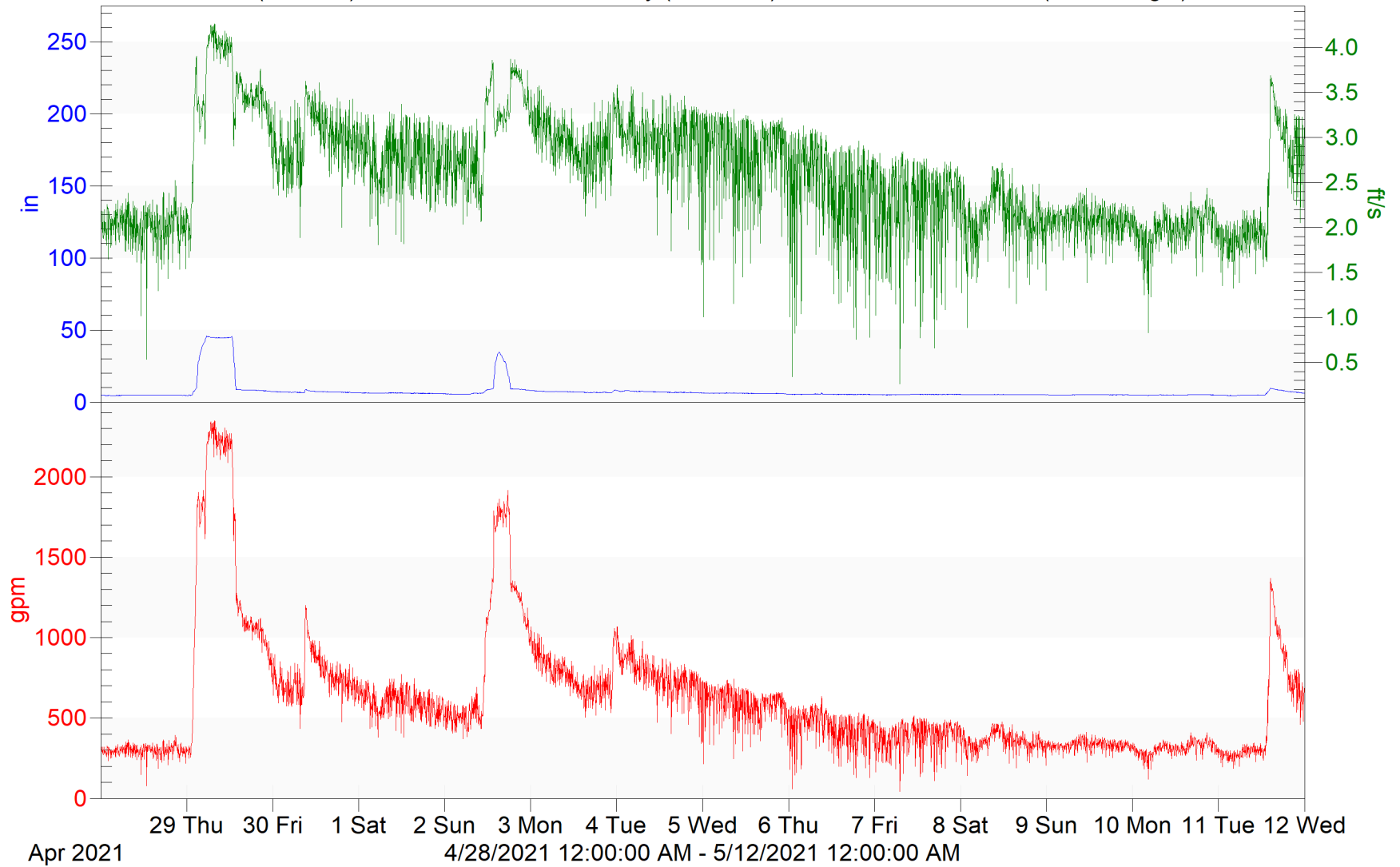
# FM715

Flowlink 5

Level (7.408 in):4.67

Velocity (2.592 ft/s):1.87

Flow rate (12.367 mgal):274.44





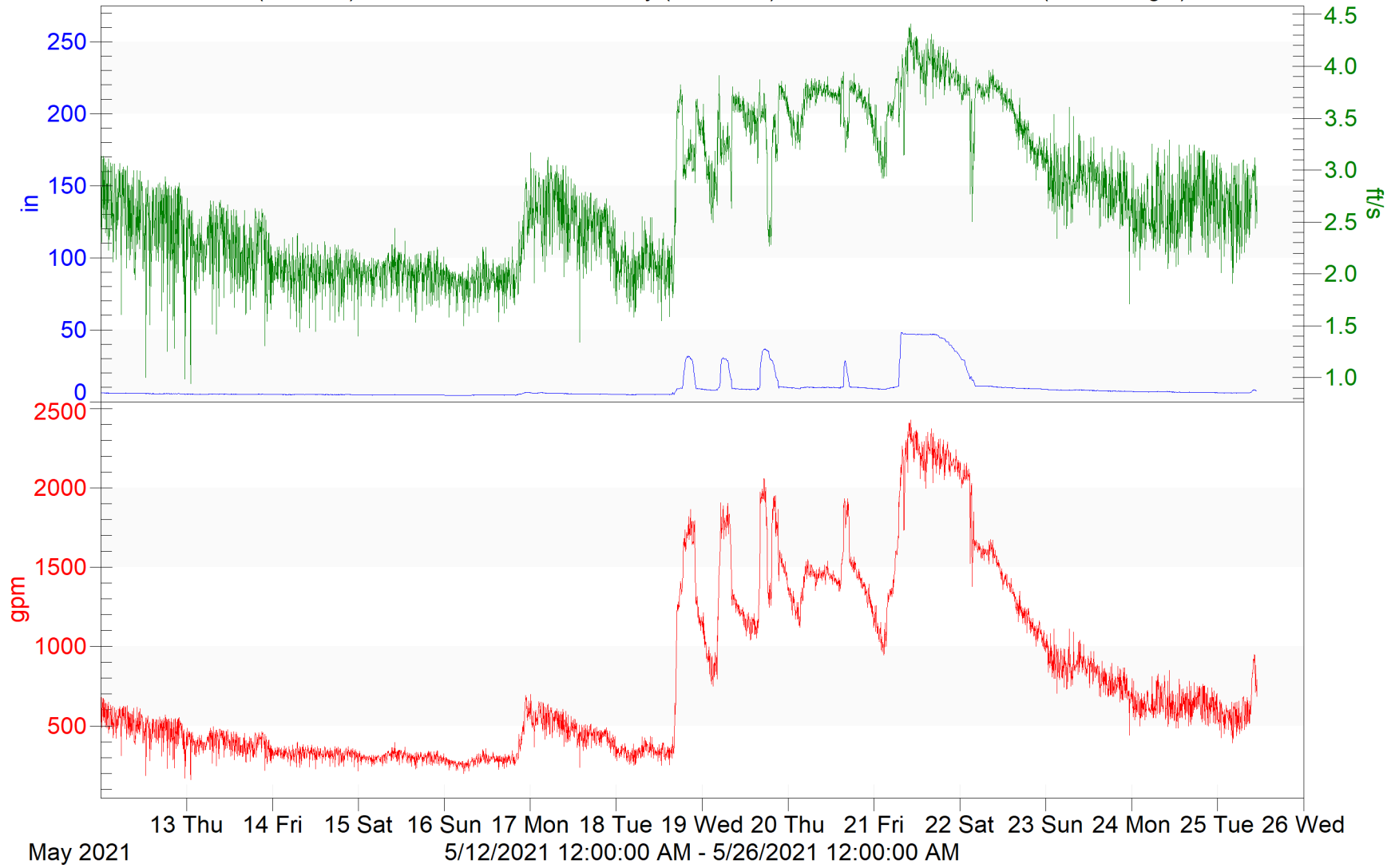
# FM715

Flowlink 5

Level (9.627 in):6.33

Velocity (2.740 ft/s):3.12

Flow rate (15.756 mgal):689.61






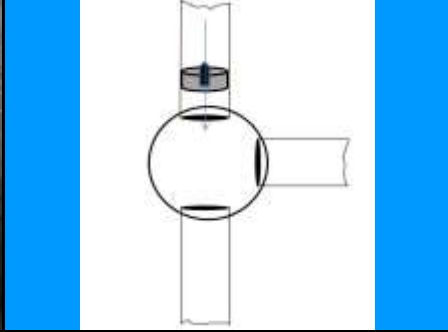


**Mena, AR Flow**

## Site Location Report

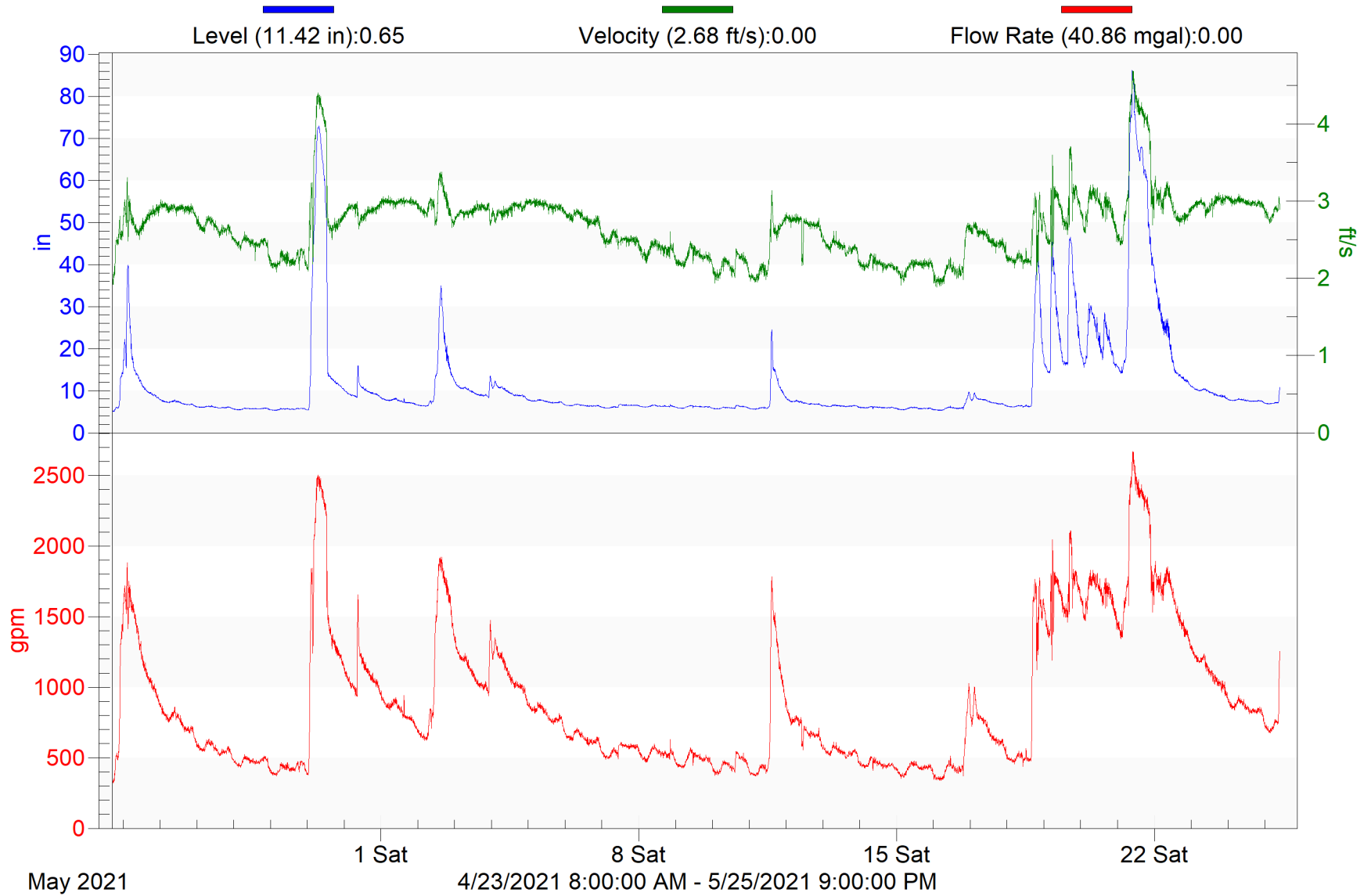
<b>Site ID</b>	<b>Device Type</b>	<b>Installation Date</b>	<b>Installed By</b>
<b>FM760</b>	Flow Meter	4/23/2021	J. Cawthon
<b>Address</b>	<b>Location Details</b>		<b>Traffic Area ?</b>
2109 S Mena St	through a gate and about 100 yards down the right of way.		No
<b>Installation Manhole</b>	<b>Material</b>	<b>Evidence of Surcharge ?</b>	
760	Reinforced Concrete Pipe	No	
<b>Gas Levels</b>			
<b>Oxygen</b>	<b>Carbon Monoxide</b>	<b>Hydrogen Sulfide</b>	<b>Lower Explosive Limit</b>
20.70%	8.00%	0.00%	0
<b>Installation Pipe</b>	<b>Material</b>	<b>Inside Diameter</b>	
incoming	VCP	15.25	

<b>Hydraulic Conditions</b>
Normal level and velocity
<b>General Conditions</b>

<b>Map Image</b>	<b>Area Image</b>	<b>Sensor Ring Image</b>
		
Map_FM760	FM760 Area	FM760 Pipe
<b>Downhole Image</b>	<b>Pipe Image</b>	<b>Install Schematic (Top)</b>
		
Aerial_FM760	FM760 Inner	FM760 Schematic

# FM 760

Flowlink 5



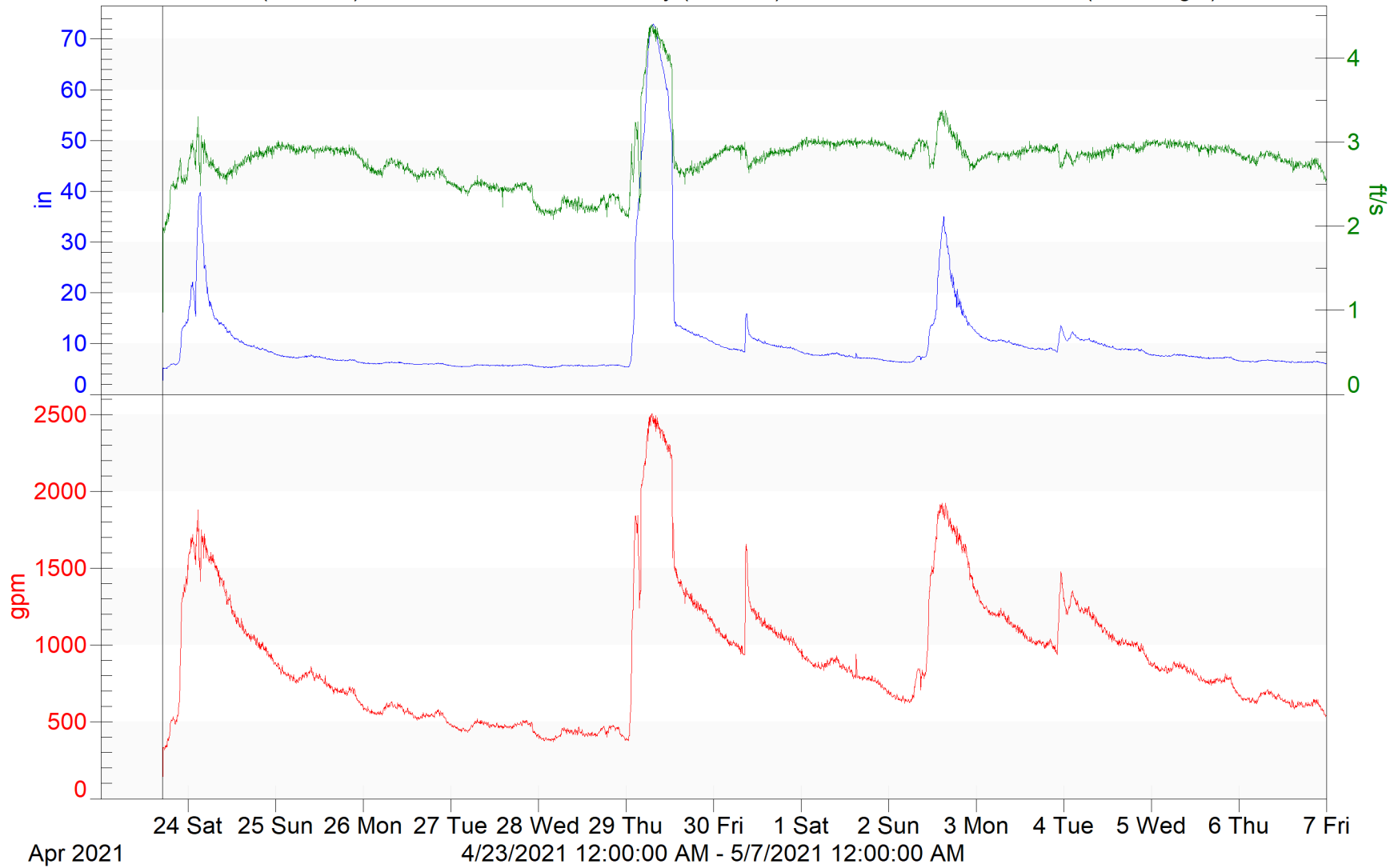
# FM 760

Flowlink 5

Level (10.36 in):0.65

Velocity (2.80 ft/s):0.00

Flow Rate (17.55 mgal):0.00



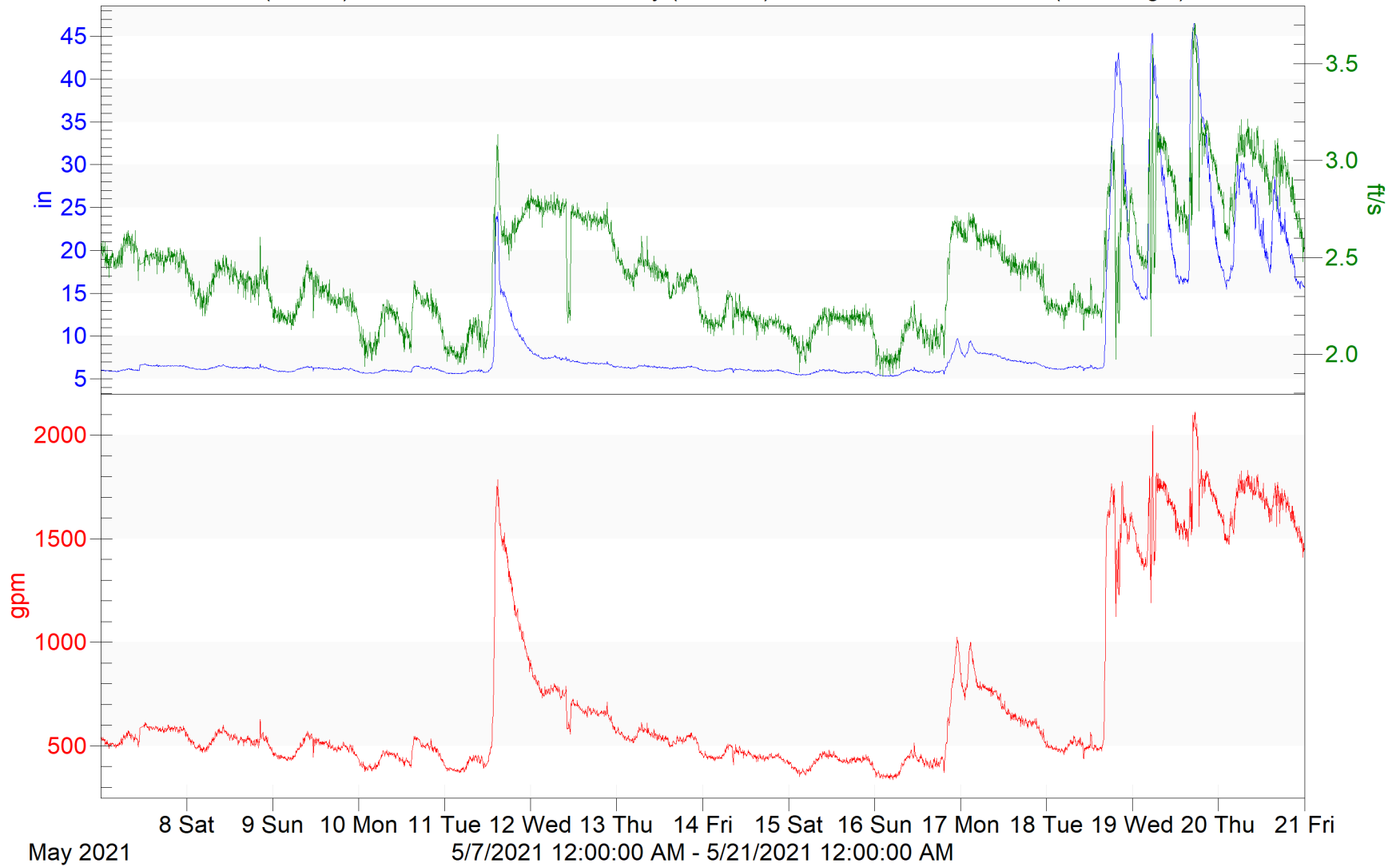
# FM 760

Flowlink 5

Level (9.63 in):6.09

Velocity (2.43 ft/s):2.57

Flow Rate (14.76 mgal):544.33



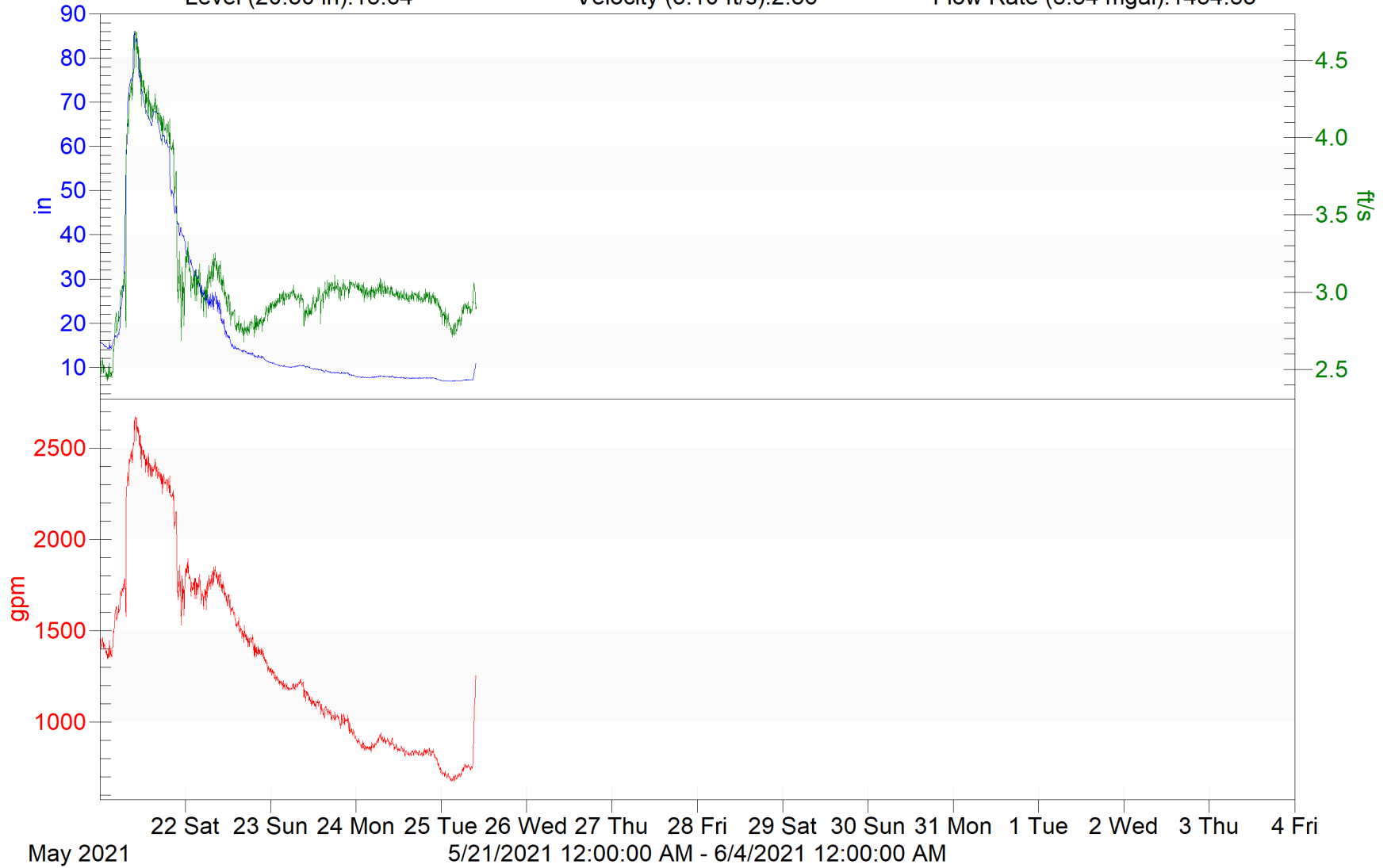
# FM 760

Flowlink 5

Level (20.30 in):15.64

Velocity (3.10 ft/s):2.56

Flow Rate (8.54 mgal):1454.83






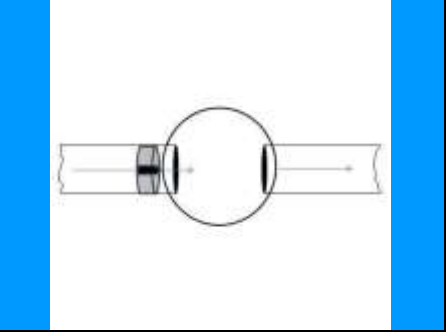


Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FM852</b>	Flow Meter	4/23/2021	J. Cawthon
Address	Location Details		Traffic Area ?
1108 Parker Dr	right of way behind house being built		No
Installation Manhole	Material	Evidence of Surge ?	
852	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
incoming	CAS	12	

Hydraulic Conditions
Normal level and velocity
General Conditions
Meter was moved from MH852 to MH853. Flow Meter name remained the same

Map Image	Area Image	Sensor Ring Image
		
Map_FM852	FM852 Area	FM852 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM852	FM852 Inner	FM852 Schematic

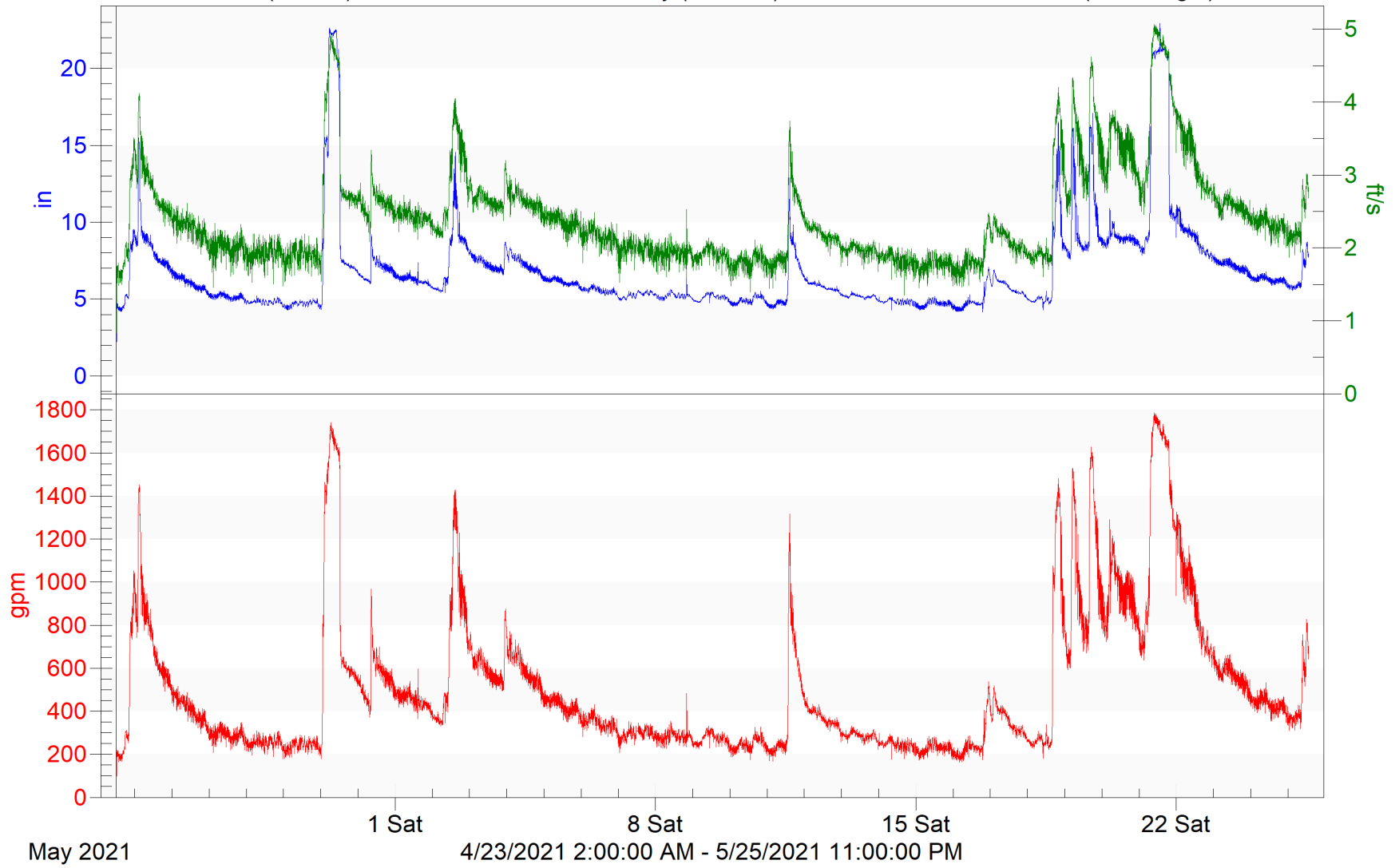
# FM 852

Flowlink 5

Level (6.77 in):1.49

Velocity (2.42 ft/s):0.00

Flow Rate (23.34 mgal):0.00





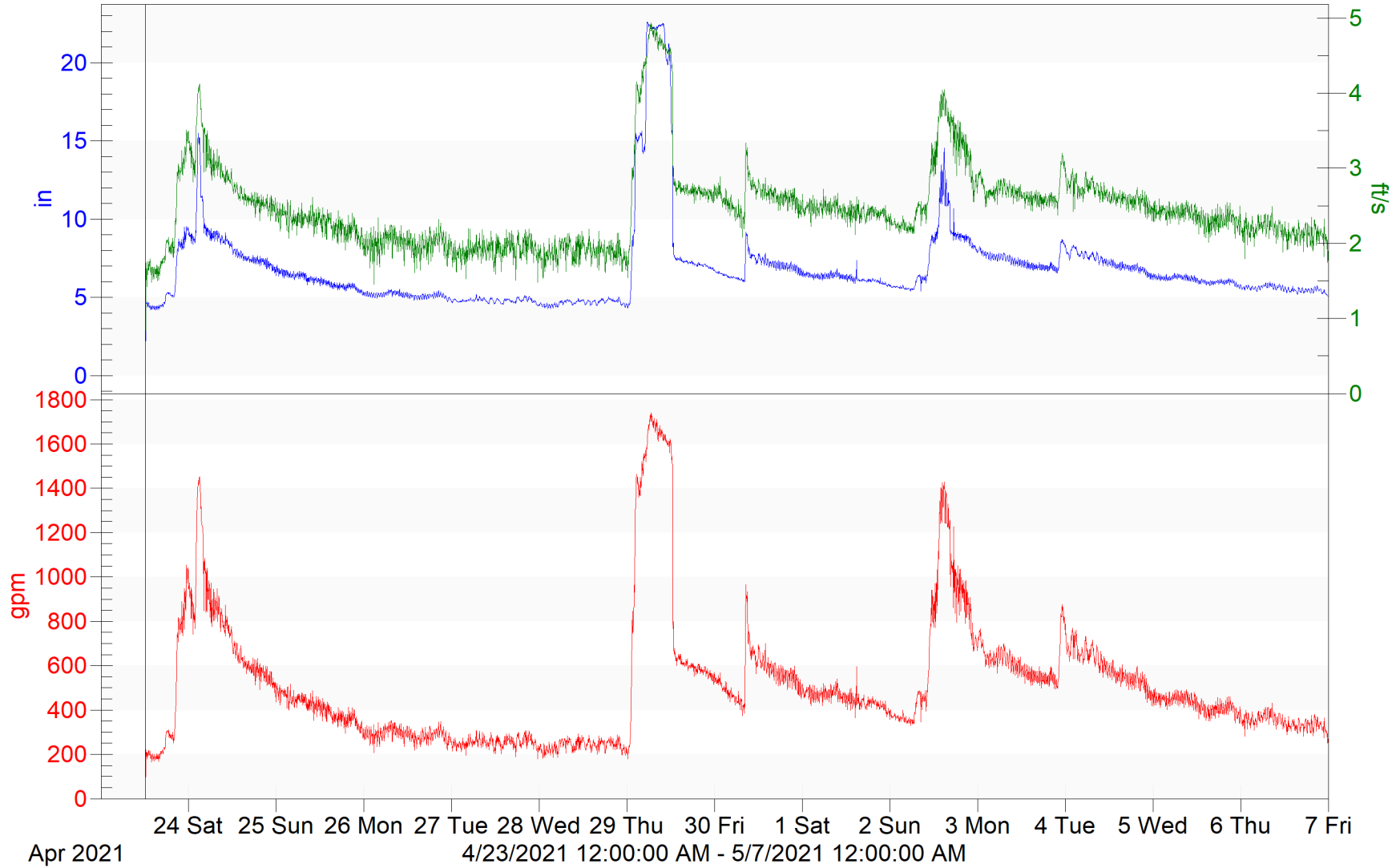
# FM 852

Flowlink 5

Level (6.80 in):1.49

Velocity (2.46 ft/s):0.00

Flow Rate (9.89 mgal):0.00



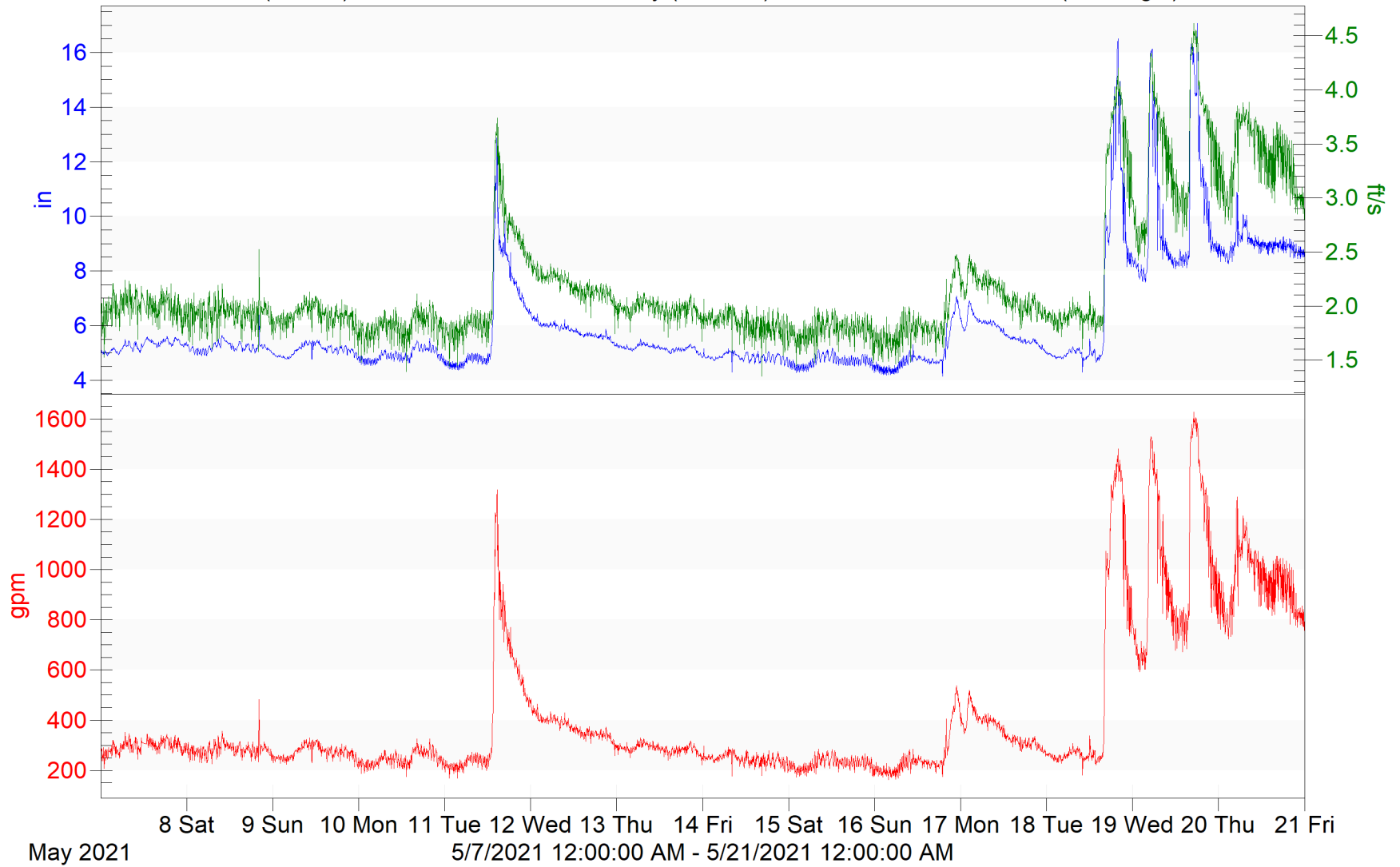
# FM 852

Flowlink 5

Level (5.99 in):5.08

Velocity (2.20 ft/s):1.65

Flow Rate (8.37 mgal):234.46



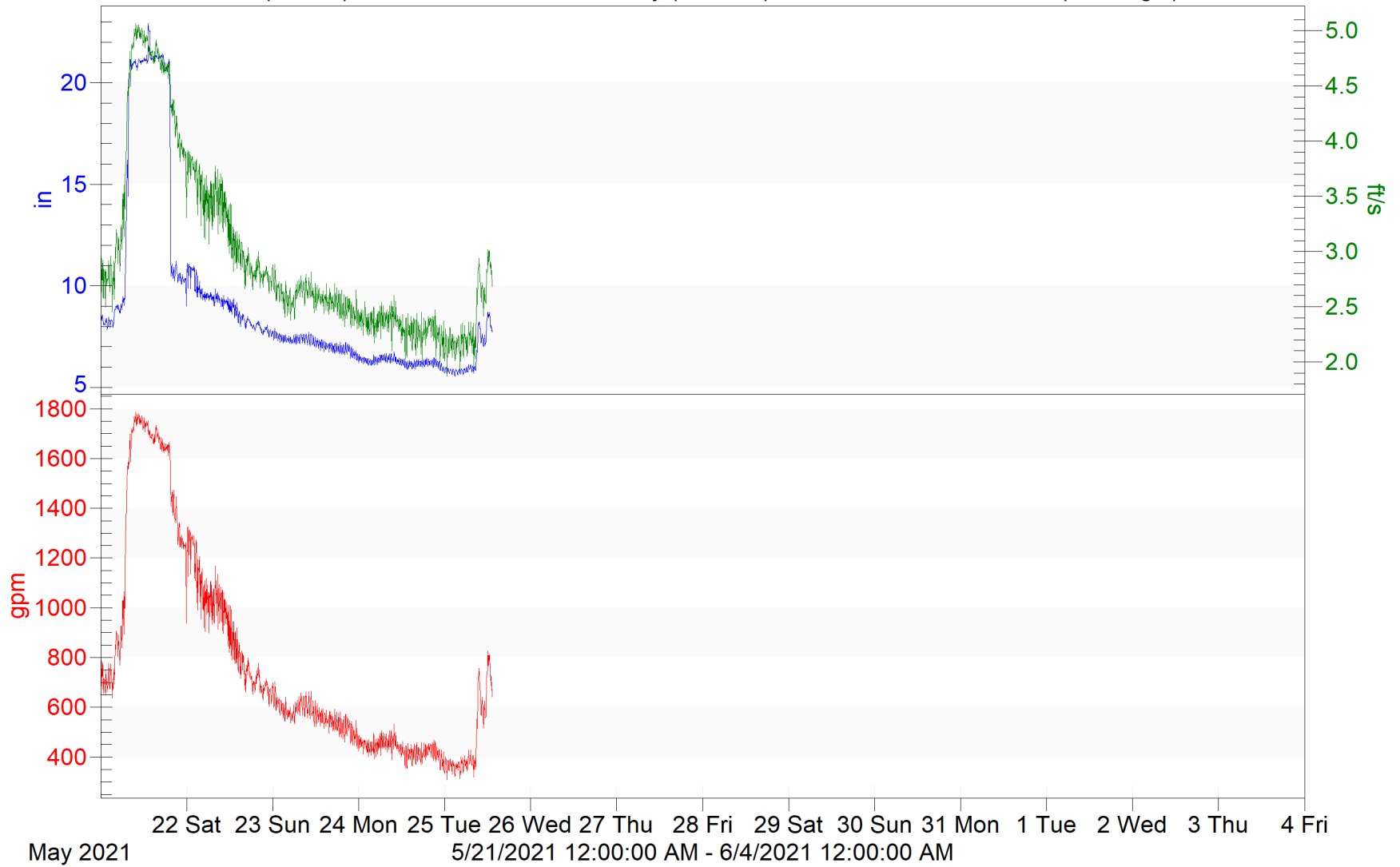
# FM 852

Flowlink 5

Level (9.05 in):8.44

Velocity (2.97 ft/s):2.97

Flow Rate (5.08 mgal):786.52









Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>FMNPVC3</b>	Flow Meter	2/3/2021	J. Cawthon
Address	Location Details		Traffic Area ?
1200 Dallas Ave	Next to baseball field		No
Installation Manhole	Material	Evidence of Surge ?	
FMNPVC3	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
	VCP	12	

Hydraulic Conditions
Normal level and velocity
General Conditions

Map Image	Area Image	Sensor Ring Image
		
Map_FMNPVC3	FMNPVC3 Area	FMNPVC3 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FMNPVC3	FMNPVC3 Inner	FMNPVC3 Schematic

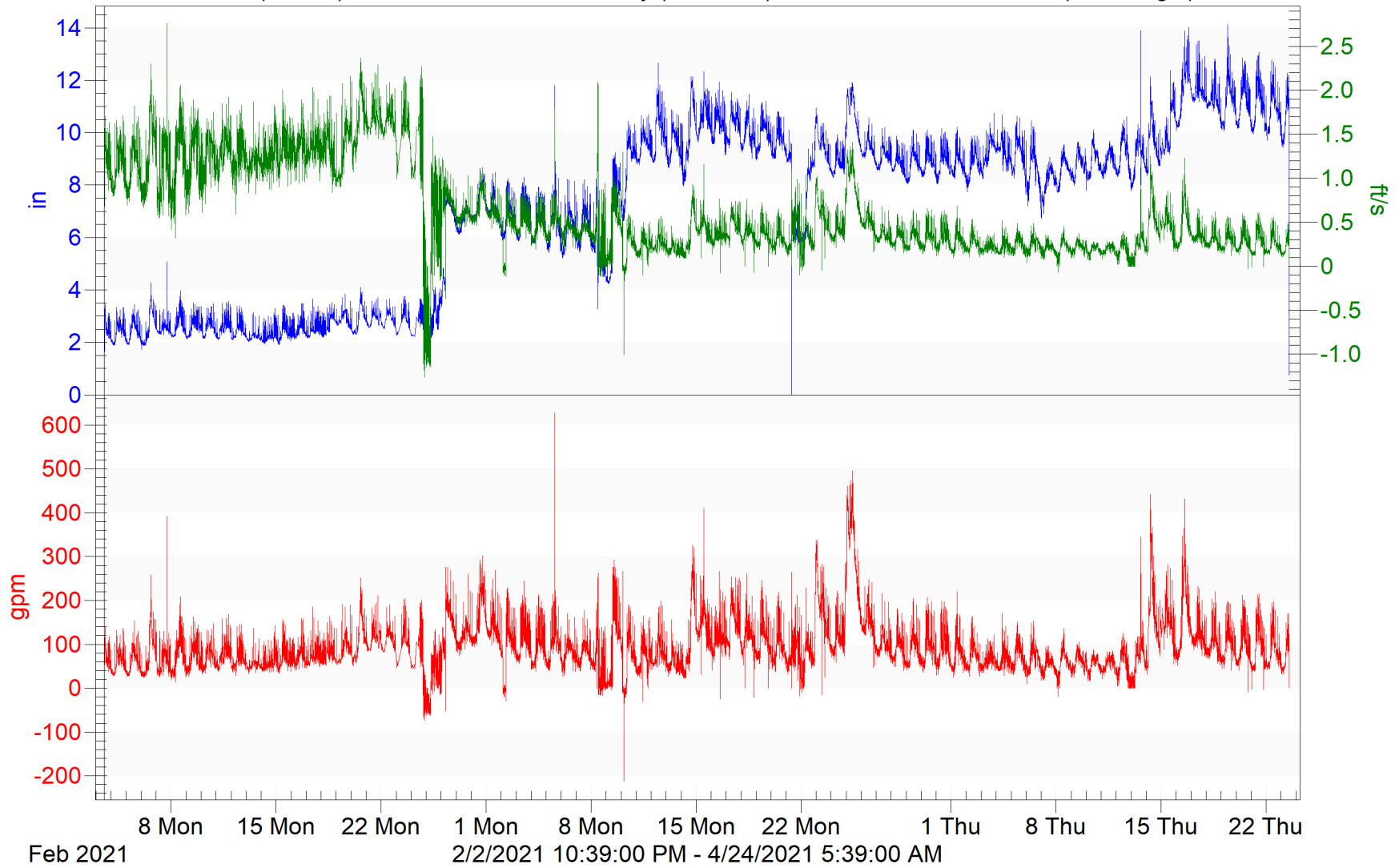
# FMNPVC3

Flowlink 5

Level (7.61 in):0.06

Velocity (0.527 ft/s):0.00

Flow Rate (10.46 mgal):0.00



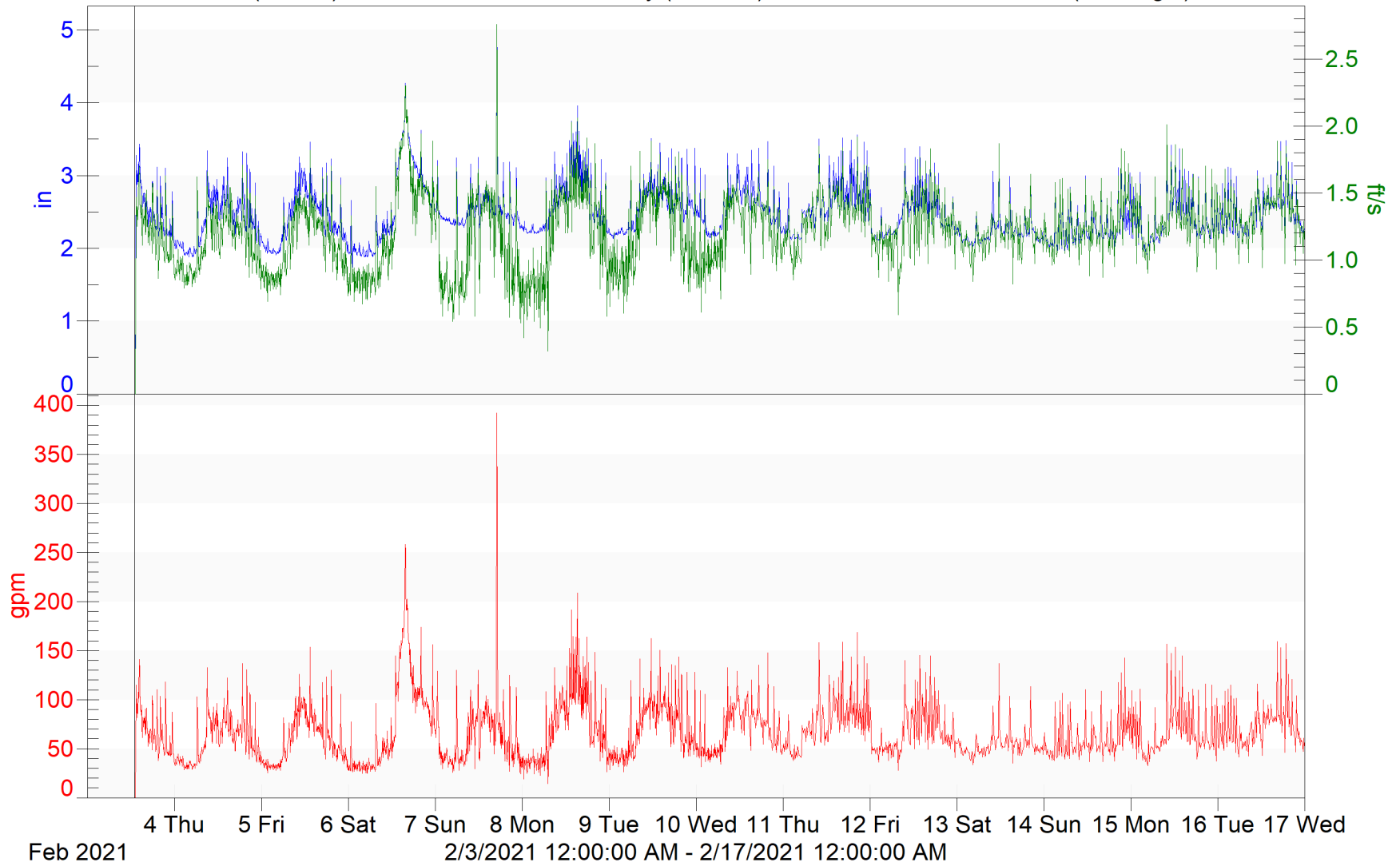
# FMNPVC3

Flowlink 5

Level (2.48 in):0.06

Velocity (1.21 ft/s):0.00

Flow Rate (1.29 mgal):0.00



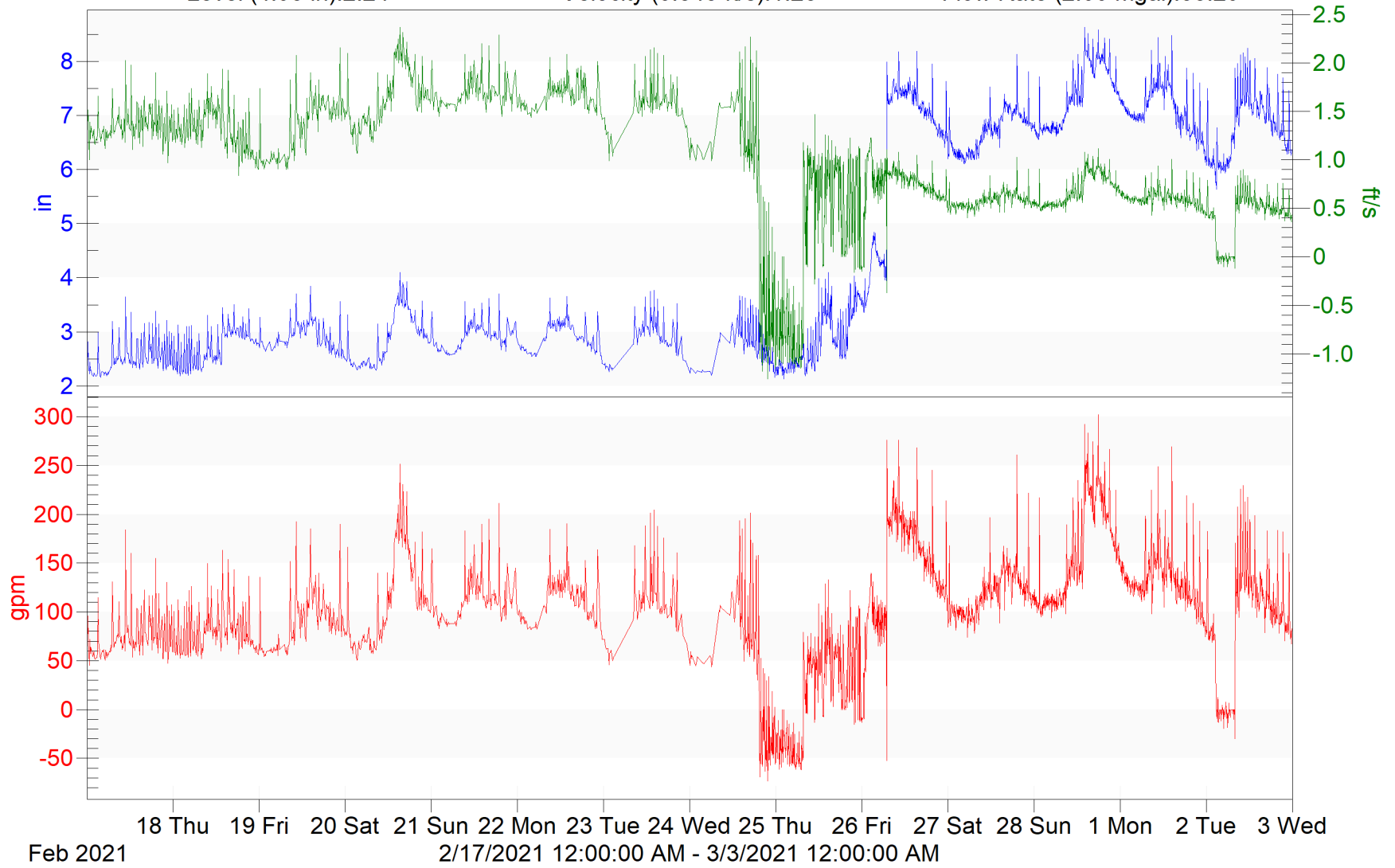
# FMNPVC3

Flowlink 5

Level (4.93 in):2.24

Velocity (0.843 ft/s):1.28

Flow Rate (2.00 mgal):58.29



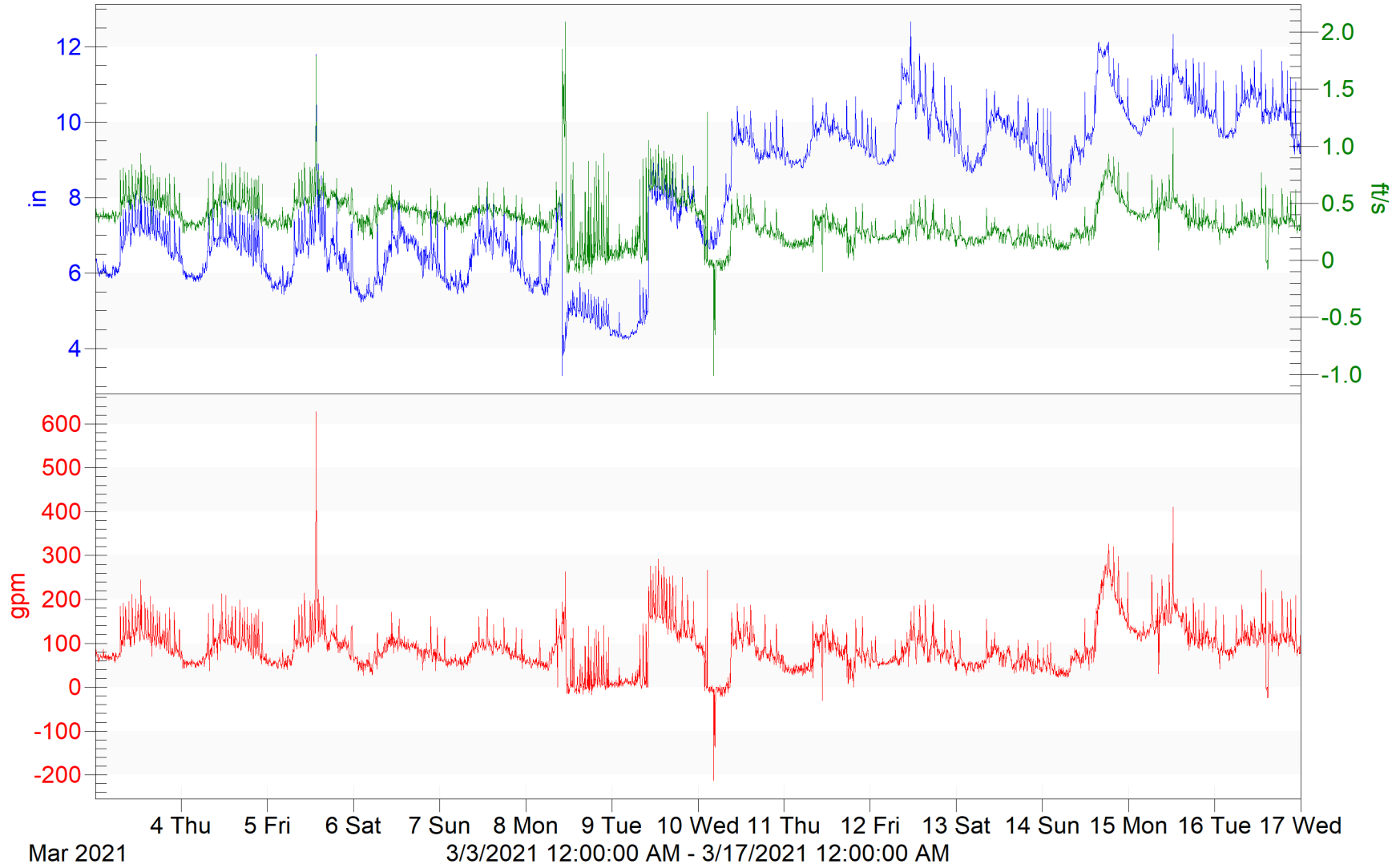
# FMNPVC3

Flowlink 5

Level (8.05 in):6.39

Velocity (0.357 ft/s):0.44

Flow Rate (1.79 mgal):84.23





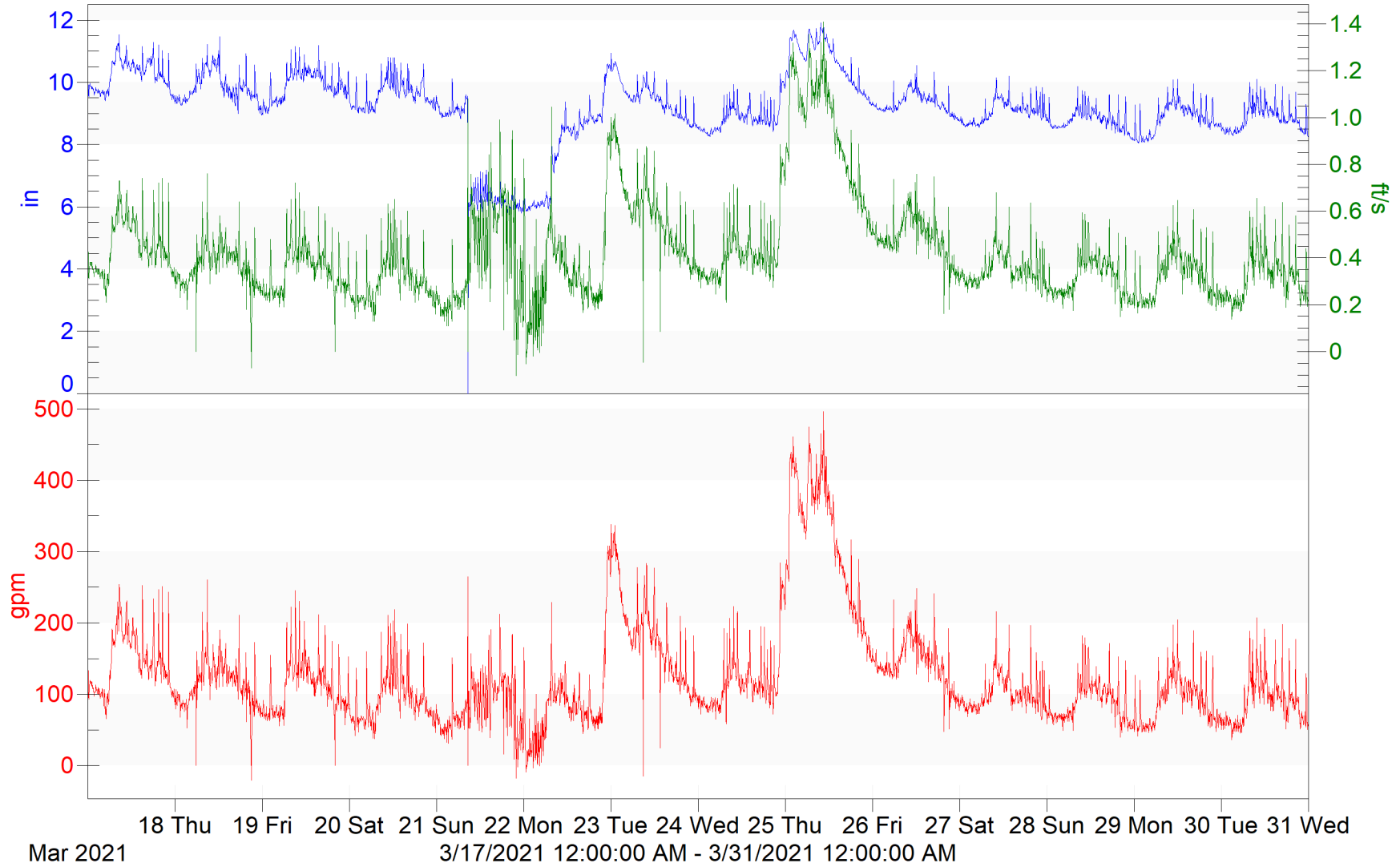
# FMNPVC3

Flowlink 5

Level (9.19 in):10.34

Velocity (0.425 ft/s):0.50

Flow Rate (2.52 mgal):160.03



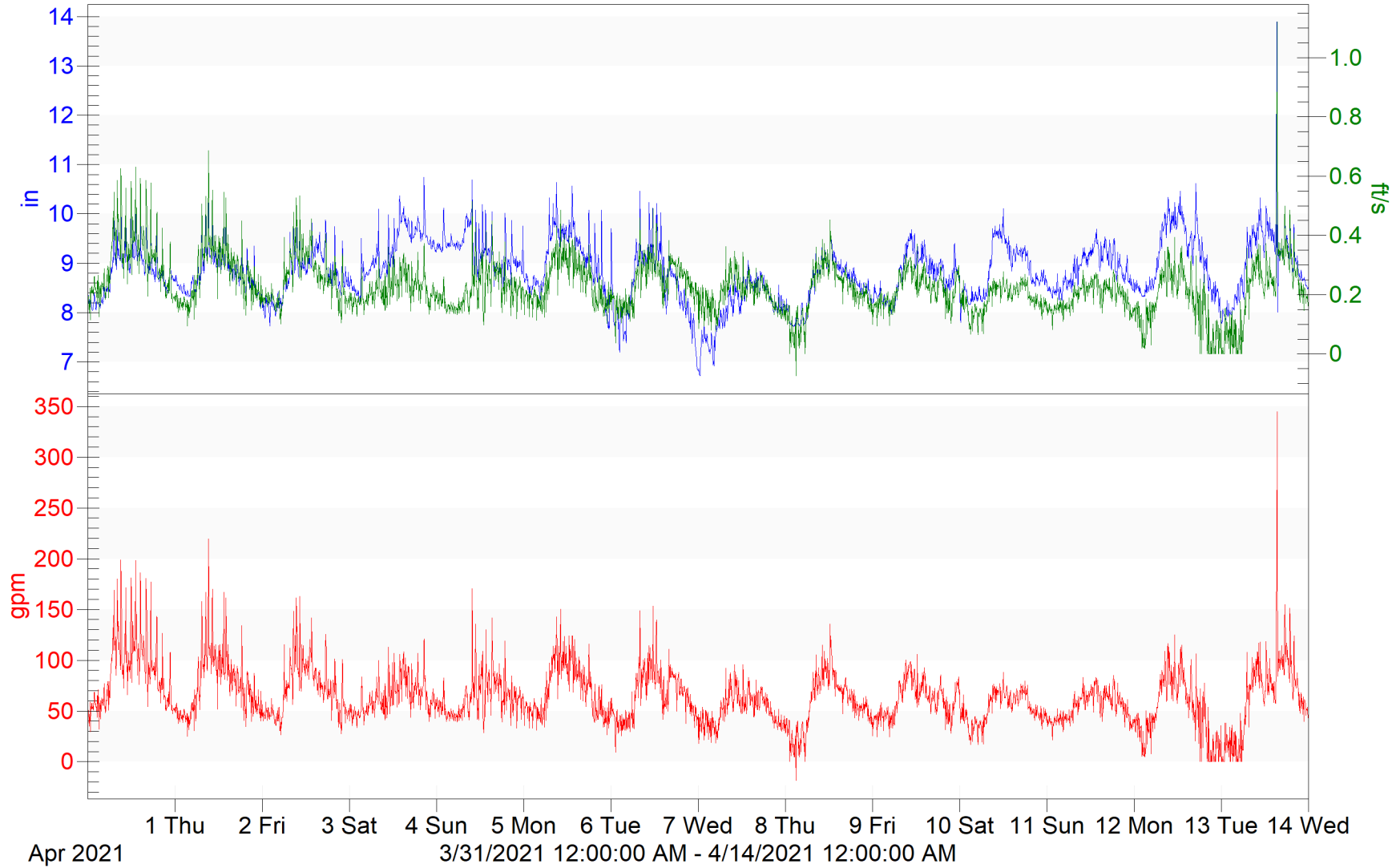
# FMNPVC3

Flowlink 5

Level (8.84 in):8.30

Velocity (0.226 ft/s):0.22

Flow Rate (1.29 mgal):56.04



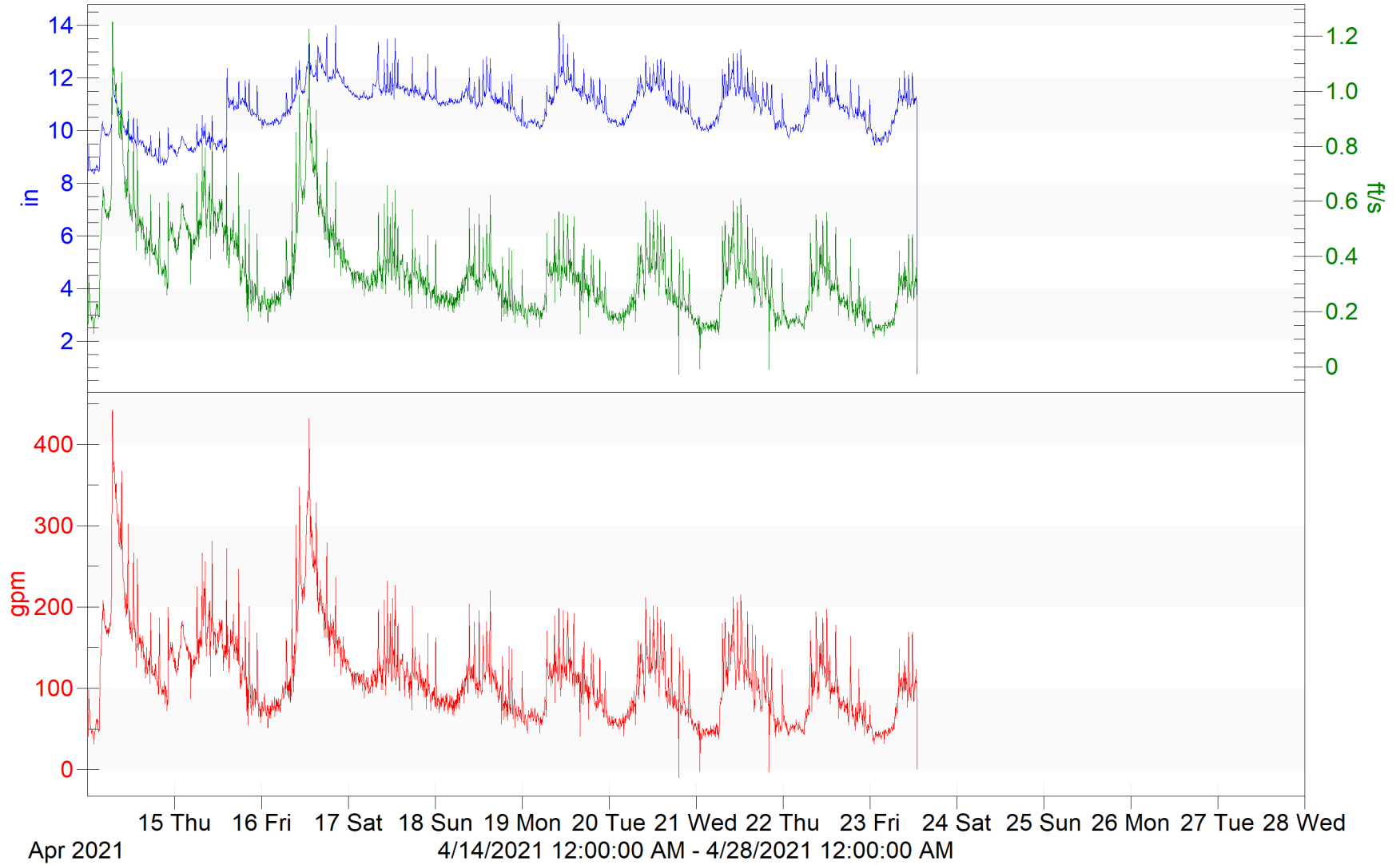
# FMNPVC3

Flowlink 5

Level (10.86 in):8.54

Velocity (0.343 ft/s):0.16

Flow Rate (1.57 mgal):41.80









Mena, AR Flow

## Site Location Report

Site ID	Device Type	Installation Date	Installed By
<b>fm1101</b>	Flow Meter	4/23/2021	J. Cawthon
Address	Location Details		Traffic Area ?
3607 HWY 375	back of the property next to a barn		No
Installation Manhole	Material	Evidence of Surge ?	
1100	Reinforced Concrete Pipe	No	
Gas Levels			
Oxygen	Carbon Monoxide	Hydrogen Sulfide	Lower Explosive Limit
20.90%	0.00%	0.00%	0
Installation Pipe	Material	Inside Diameter	
incoming		10	

Hydraulic Conditions
Fast moving
General Conditions
Meter was moved from MH1101 to MH1100. Flow meter name remained

Map Image	Area Image	Sensor Ring Image
		
Map_FM1101	FM1101 Area	FM1101 Pipe
Downhole Image	Pipe Image	Install Schematic (Top)
		
Aerial_FM1101	FM1101 Inner	FM1101 Schematic

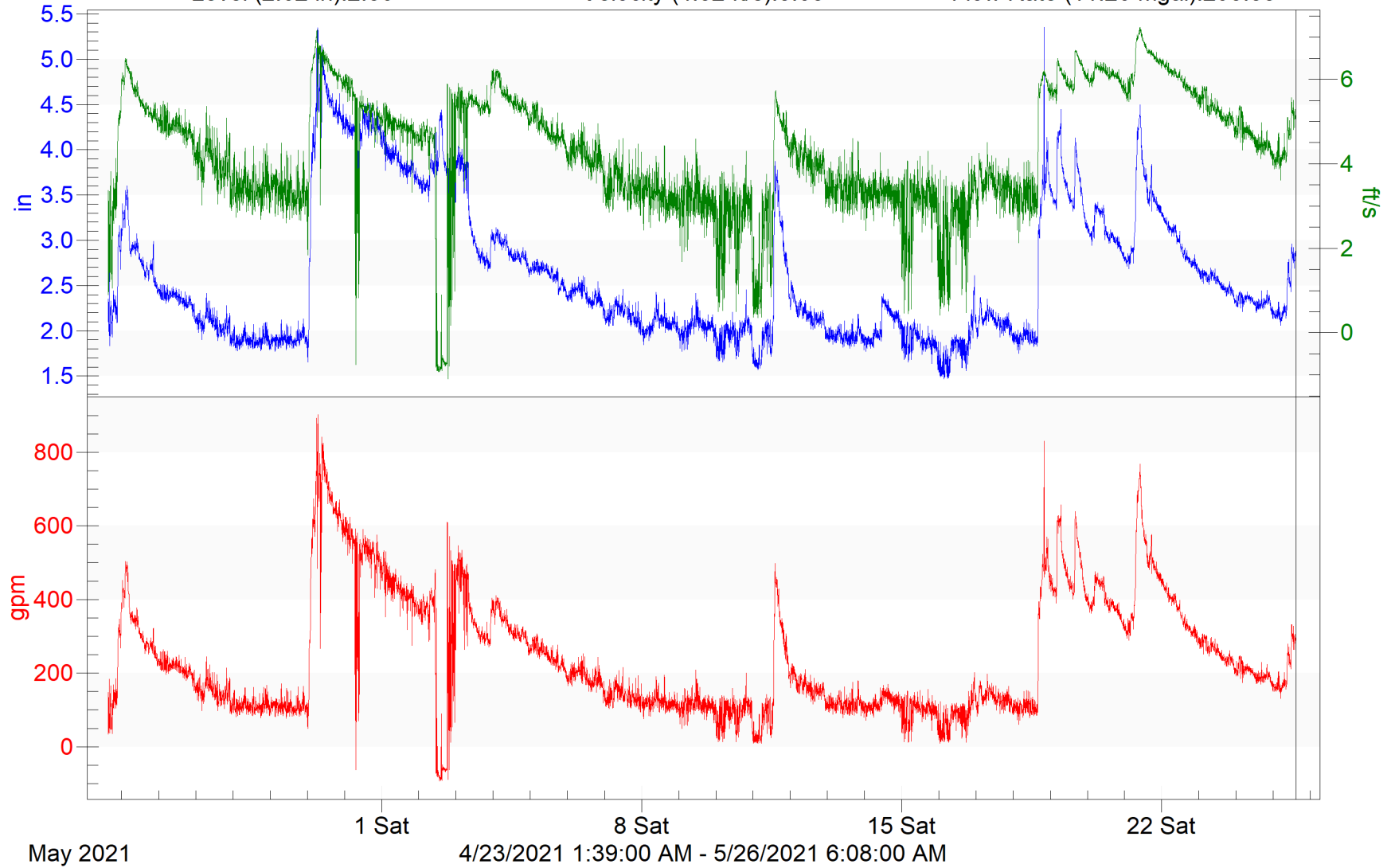
# FM 1101

Flowlink 5

Level (2.62 in):2.86

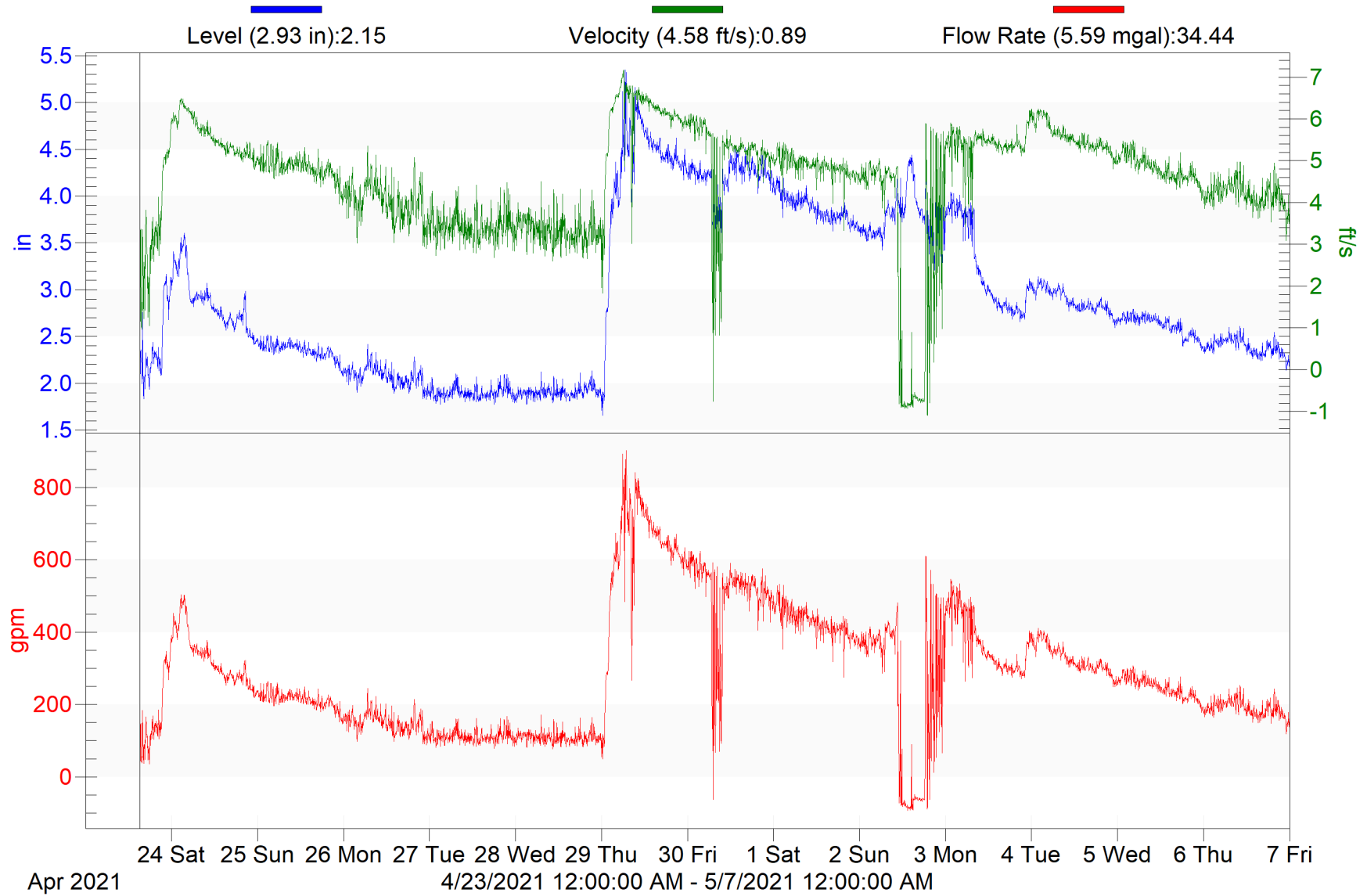
Velocity (4.32 ft/s):5.08

Flow Rate (11.20 mgal):293.88



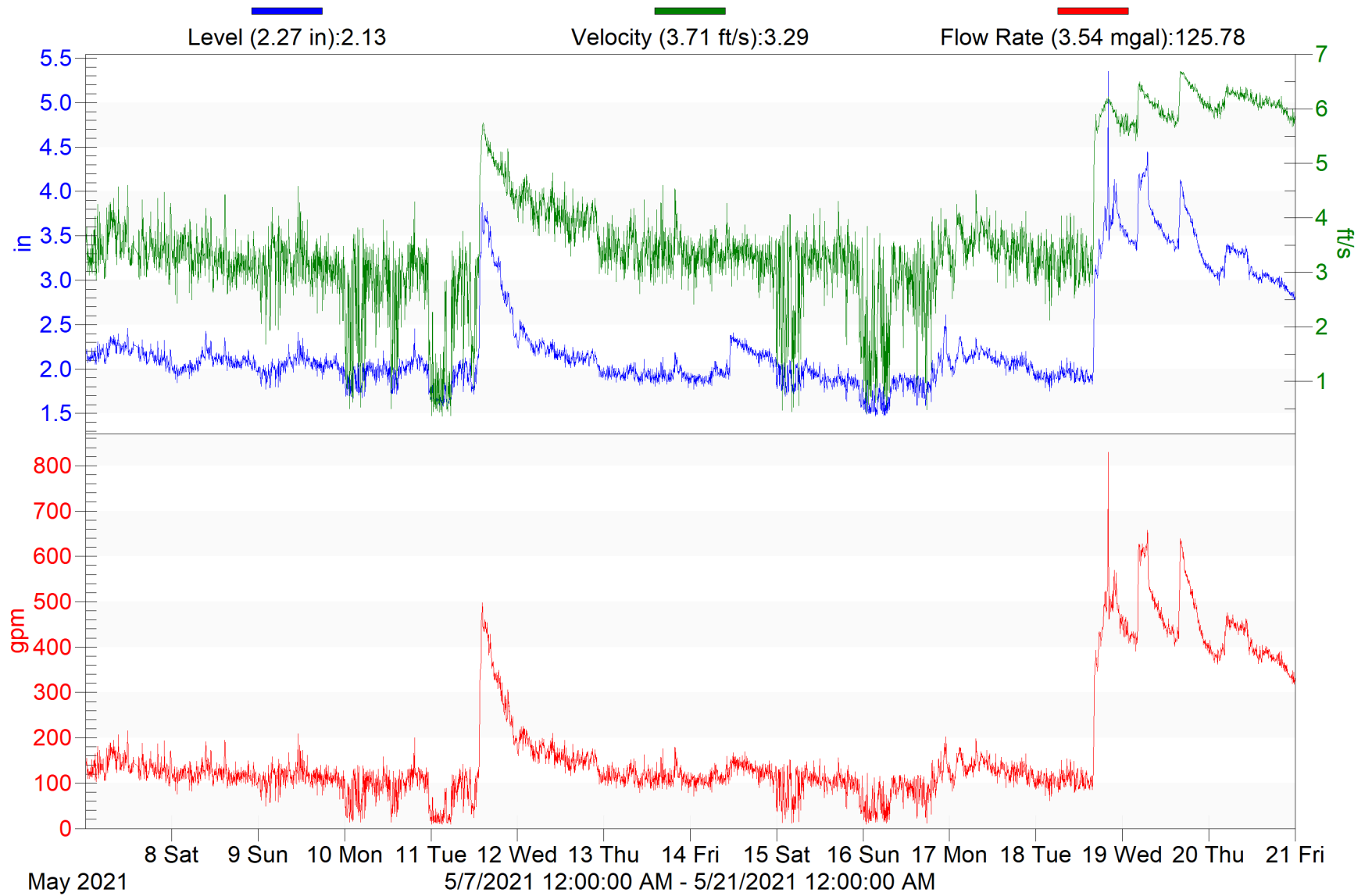
# FM 1101

Flowlink 5



# FM 1101

Flowlink 5



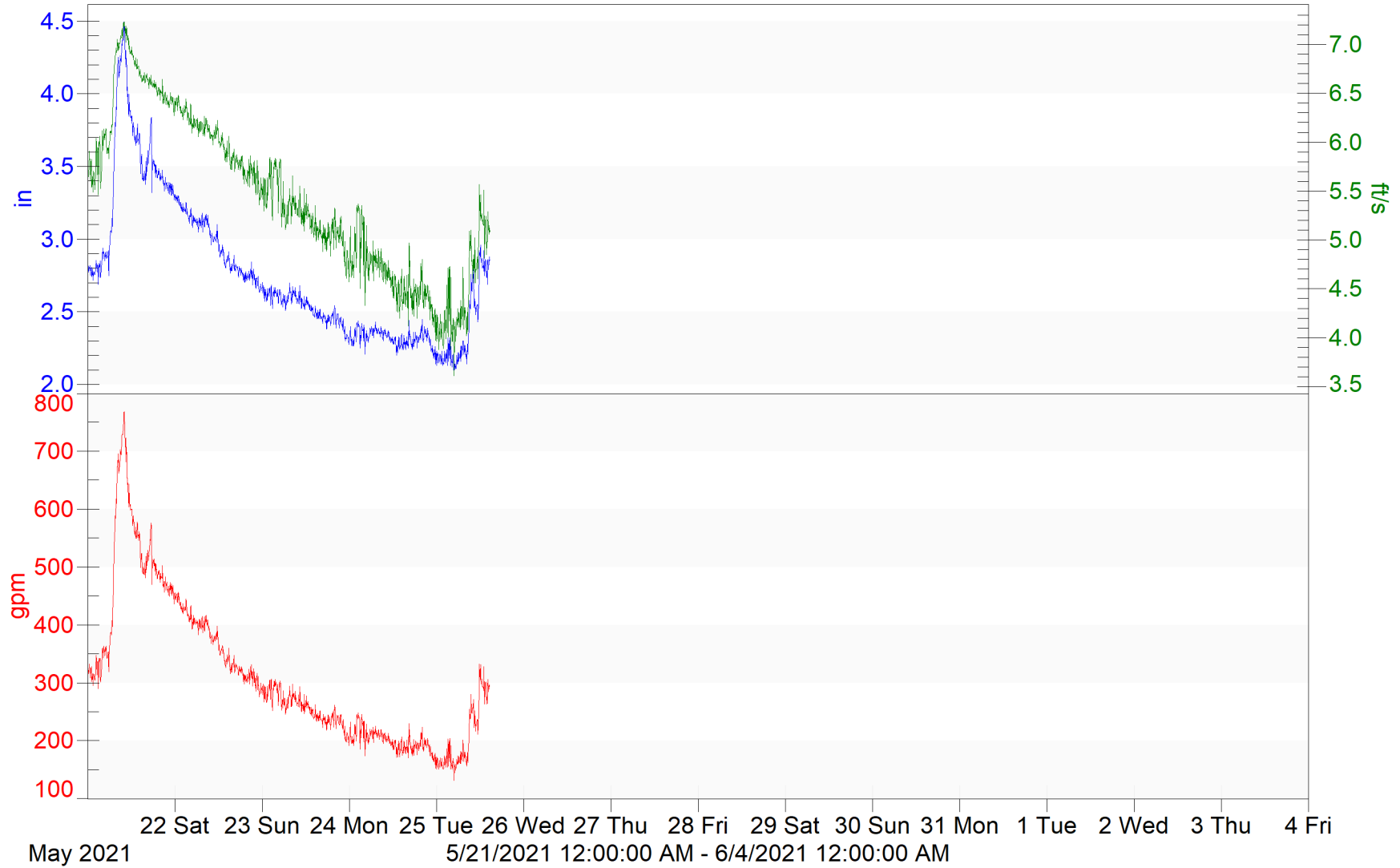
# FM 1101

Flowlink 5

Level (2.76 in):2.77

Velocity (5.44 ft/s):5.73

Flow Rate (2.07 mgal):316.92





## Flow Meter Maintenance Report

<b>Site ID</b> FM103	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 2/24/2021 9:14:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 13.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 13.26	<b>Flow Velocity (Meter)</b> 2.04	

### Component Conditions:

### Maintenance Performed:

cleaned sensor. Took two measurements and calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM606	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 2/24/2021 11:01:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.74	<b>Flow Velocity (Meter)</b> 2.45	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 2/24/2021 11:48:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.24	<b>Flow Velocity (Meter)</b> 1.92	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 2/24/2021 1:02:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.38	<b>Flow Velocity (Meter)</b> 5.44	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FMNPVC3	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 2/24/2021 1:25:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 3.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 3.35	<b>Flow Velocity (Meter)</b> 1.71	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

sensor was moved down the pipe about 4 feet. We pulled it back and repositioned it.

## Flow Meter Maintenance Report

<b>Site ID</b> FM103	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 8:43:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 13.70	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 13.91	<b>Flow Velocity (Meter)</b> 1.78	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM606	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 9:07:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.85	<b>Flow Velocity (Meter)</b> 2.67	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 9:33:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.23	<b>Flow Velocity (Meter)</b> 1.89	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:



## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 9:59:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.73	<b>Flow Velocity (Meter)</b> 5.26	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FMNPVC3	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 10:19:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.43	<b>Flow Velocity (Meter)</b> 1.48	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM123	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/8/2021 10:48:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 1.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 1.30	<b>Flow Velocity (Meter)</b> 0.00	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM103	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 8:32:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 17.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 17.25	<b>Flow Velocity (Meter)</b> 1.55	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM606	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 8:53:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.80	<b>Flow Velocity (Meter)</b> 2.83	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 9:07:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.00	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.98	<b>Flow Velocity (Meter)</b> 1.77	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 9:28:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.19	<b>Flow Velocity (Meter)</b> 5.28	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FMNPVC3	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 9:45:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.60	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.63	<b>Flow Velocity (Meter)</b> 0.73	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

sensor had major ragging



## Flow Meter Maintenance Report

<b>Site ID</b> FM123	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/21/2021 10:14:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 2.00	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 1.90	<b>Flow Velocity (Meter)</b> 0.63	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 3/31/2021 9:40:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b>	<b>Desiccant Status</b>
<b>Water Level (Measured)</b>	<b>Silt Level (Measured)</b>	
<b>Water Level (Meter)</b>	<b>Flow Velocity (Meter)</b>	

### Component Conditions:

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### Maintenance Performed:

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### Notes:

Emergency visit. Called Hach Tech Support and found out the sensor has malfunctioned. Hach is sending me a replacement sub AV sensor. The sensor will be replaced on 4/6/2021.

## Flow Meter Maintenance Report

<b>Site ID</b> FM103	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 10:45:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 12.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 12.64	<b>Flow Velocity (Meter)</b> 1.66	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM606	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 11:45:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.09	<b>Flow Velocity (Meter)</b> 2.60	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 12:40:00 PM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.48	<b>Flow Velocity (Meter)</b> 1.84	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 1:40:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.90	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.10	<b>Flow Velocity (Meter)</b> 4.86	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FMNPVC3	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 2:11:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 9.10	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 9.07	<b>Flow Velocity (Meter)</b> 0.27	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

sensor had major ragging

## Flow Meter Maintenance Report

<b>Site ID</b> FM123	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/6/2021 2:57:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 12.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 2.00	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 2.19	<b>Flow Velocity (Meter)</b> 2.20	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:



## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/23/2021 6:28:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.9	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.25	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.26	<b>Flow Velocity (Meter)</b> 1.79	

### Component Conditions:

### Maintenance Performed:

cleaned sensor and took two measurements then calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 4/23/2021 12:42:00 PM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.7	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.10	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 6.19	<b>Flow Velocity (Meter)</b> 4.92	

### Component Conditions:

### Maintenance Performed:

cleaned sensor took two measurements and calibrated

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 10:25:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.8	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 7.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 7.16	<b>Flow Velocity (Meter)</b> 2.28	

### Component Conditions:

### Maintenance Performed:

cleaned sensor took two measurements calibrated to 7.5 and read 7.5 on meter. Successfully made call

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 10:51:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.2	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 7.40	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 7.17	<b>Flow Velocity (Meter)</b> 5.81	

### Component Conditions:

### Maintenance Performed:

cleaned sensor successfully made call calibrated to 7.5 meter read 7.4 high velocity

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM388	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 11:15:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.2	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.00	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.01	<b>Flow Velocity (Meter)</b> 2.14	

### Component Conditions:

### Maintenance Performed:

cleaned sensor took three measurements within spec made successful call

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM388	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 11:55:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.1	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 6.60	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.94	<b>Flow Velocity (Meter)</b> 2.45	

### Component Conditions:

### Maintenance Performed:

cleaned sensor. Made call. Calibrated to 6.6 meter read 6.62

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> FM852	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 12:45:00 PM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.1	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 5.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 5.24	<b>Flow Velocity (Meter)</b> 2.05	

### Component Conditions:

### Maintenance Performed:

cleaned sensor called server calibrated to 5.4 meter read 5.38

### Notes:

## Flow Meter Maintenance Report

<b>Site ID</b> fm1101	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/7/2021 2:22:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.2	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 2.75	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 2.30	<b>Flow Velocity (Meter)</b> 3.41	

### Component Conditions:

### Maintenance Performed:

cleaned sensor made call calibrated to 2.25 meter read 2.27

### Notes:



## Flow Meter Maintenance Report

<b>Site ID</b> FM760	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/25/2021 11:34:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.4	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 8.00	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 8.89	<b>Flow Velocity (Meter)</b> 2.64	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

calibrate to 8.00, meter read 7.96 and we measured to 8.0

## Flow Meter Maintenance Report

<b>Site ID</b> FM715	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/25/2021 12:18:00 PM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.6	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 8.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 9.98	<b>Flow Velocity (Meter)</b> 3.10	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

calibrate to 8.5, meter read 8.46, actual measurement 8.5

## Flow Meter Maintenance Report

<b>Site ID</b> FM283	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/25/2021 1:24:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.9	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 12.09	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 9.89	<b>Flow Velocity (Meter)</b> 6.61	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

calibrate 12.00, we measured 12.09, computer read 12.00

## Flow Meter Maintenance Report

<b>Site ID</b> FM388	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/25/2021 2:05:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.9	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 9.63	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 9.58	<b>Flow Velocity (Meter)</b> 4.18	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

we measured 9.63, computer read 9.58

## Flow Meter Maintenance Report

<b>Site ID</b> FM852	<b>Technician</b> A. Stutts	<b>Date Performed</b> 5/25/2021 2:45:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 10.8	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 8.13	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 8.13	<b>Flow Velocity (Meter)</b> 2.81	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

we measured 8.13, computer read 8.13

## Flow Meter Maintenance Report

<b>Site ID</b> fm1101	<b>Technician</b> J. Cawthon	<b>Date Performed</b> 5/25/2021 3:55:00 AM
<b>Date / Time on Meter</b>	<b>Meter Voltage</b> 11.0	<b>Desiccant Status</b> OK
<b>Water Level (Measured)</b> 4.50	<b>Silt Level (Measured)</b> 0.0	
<b>Water Level (Meter)</b> 4.43	<b>Flow Velocity (Meter)</b> 5.17	

### Component Conditions:

### Maintenance Performed:

cleaned sensor, took two measurements, downloaded, made call

### Notes:

calibrate 4.5, we measured 4.5, computer read 4.43