

B U F F A L O

S E W E R A U T H O R I T Y

SPDES Permit No. NY0028410

Long Term Control Plan
Annual Post Construction Monitoring
Status Report
Reporting Period: *July 2023 through June 2024*
Amended Administrative Order
CWA-02-2014-3033
(Amends CWA-02-2012-3024)

September 2024

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1. INTRODUCTION

The Buffalo Sewer Authority (Authority) received approval of its Long-Term Control Plan (LTCP) from the United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC) on March 18, 2014. The Authority entered into an Amended Administrative Order on April 16, 2014 (herein after referred to as the AO), with the USEPA. This AO establishes a schedule for implementation of the Authority's LTCP, approved by the USEPA and NYSDEC.

The AO in part requires that the Authority submit written Annual Post Construction Monitoring (PCM) Status Reports to the USEPA and NYSDEC to be included with the Semi-Annual Status Report. This report covers July 2023 through June 2024 which serves as Annual PCM Report No. 8.

2. DISCUSSION OF PCM TASKS BEGUN OR COMPLETED

Post construction monitoring of the Bird, Lang and Hazelwood, North Bailey, Hertel at Deer, Smith St at Perry, Babcock Pump Station and Smith at Eagle Real-Time Control (RTC) projects has continued from the last reporting period. The Certificate of Acceptance and Occupancy for Broadway at Oak RTC was issued during this reporting period (copy is included in Appendix A). Therefore, post-construction monitoring of the Broadway at Oak RTC has commenced. For all RTC sites, the number of Sewer Patrol Point (SPP) overflow events and volume of overflow that the structures have prevented is being monitored. The monthly performance reports for this reporting period are included in Appendix B.

Monthly Key Performance Indicator (KPI) reports for Smith at Eagle RTC are combined with Smith at Perry RTC beginning October 2022. Operations at Smith at Eagle RTC are triggered by depth upstream of the Smith at Perry RTC. In general, the Smith at Eagle RTC will start storing when the depth at Smith at Perry indicates a need for additional storage capacity. The Smith at Perry RTC control is based on the upstream capacity and the capacity of the receiving interceptor sewer.

Similarly, Key Performance Indicator (KPI) reports for Lang RTC were combined with Hazelwood RTC starting in August 2019. Operations at Hazelwood RTC are triggered by depth immediately upstream of the Lang RTC. In general, the Hazelwood RTC will start storing when the depth at Lang indicates wet weather flow. The Lang RTC control is based on the depth at the downstream SPP. In general, the Lang RTC begins storing when the depth at the SPP indicates wet weather flow.

As has been discussed with both NYSDEC and USEPA, the United States Geological Survey continues their work monitoring and evaluating the impact of the bioretention cells along Niagara Street, however until this work has been peer reviewed, they are restricted by USGS and USEPA from publicizing their findings and we are thus restricted from reporting as well.

Four flow meters have been installed near Fillmore Avenue in the City of Buffalo during this reporting period to attempt to gauge the impacts of the same storm events on opposite sides of the same blocks with the main differences being the amount of vacant lots, this data has not yet been

evaluated for quality assurance and control purposes and is also not available at this time for review.

3. RESULTS OF PCM EFFORTS

During the reporting period, a total of 95 SPP overflow events, or approximately 689.6 million gallons of overflow, have been prevented by the Bird, Lang, Hazelwood, North Bailey, Hertel at Deer, Smith at Perry, Smith at Eagle, Babcock Pump Station and Broadway at Oak RTC projects. Since June 2017 a total of 590 SPP overflow events or approximately 3577.4 million gallons of overflow, has been prevented by the Bird, Lang, Hazelwood, North Bailey, Hertel at Deer, Smith at Perry, Smith at Eagle, Babcock Pump Station and Broadway at Oak RTC projects. Please note that the number and volume of overflow events has been significantly impacted in recent years by the commencement of monitoring at Hazelwood, North Bailey and Hertel at Deer in 2020. This reporting period, the commencement of Smith at Eagle in conjunction with Smith at Perry RTC accounts for over 80% of the total overflow volume prevented.

From 7/4/23 – 4/26/24, gates for Hertel at Deer RTC were non-operational due to actuator corrosion. Therefore, no storage was counted for this period. Communication outages for this site were reported for 3/27/24 – 3/28/24 and 6/25/24 – 7/8/24.

High levels of prevented overflow volume was reported from July 2023 to September 2023 due to one valve being 100% open and one being 0% open. December 2023 to March 2024, valves at Smith at Perry were 100% closed with no dewatering and depth at storage height. New actuator startup completed 3/27/24. From 2/12/24 to 3/13/24, new flatline error due to south interceptor level input sensor change. Radar replaced and pressure transducer serviced on 3/13/24. From 5/26/24 – 5/29/24, there was no data due to a communication outage. For Smith at Eagle, there was a communication outage that resulted in no data for 12/22/23 – 1/2/24.

From 1/20/24 - 3/14/24, North Bailey SPP sensor was not reporting. From 2/24/24 to 3/4/24, Gate 1 stuck at 2.4% open. Gate position was reset on 3/4/24. Events during this period were removed from KPI reports. 3/25/24 – 3/28/24, no data was reported due to a communication outage.

Broadway at Oak has a commission date of 7/25/23 and no previous data is reported. Efforts are ongoing to ensure that spare parts and sufficient staffing and equipment are available to maintain greater reliability of these and all new RTC facilities.

4. MODEL UPDATES COMPLETED

The Model Calibration Report (2018) was approved by the USEPA and NYSDEC in October 2021. The recalibrated model, as discussed, has triggered a review of the proposed gray and real-time control infrastructure projects included in the LTCP and their viability in completing the goals and positively impacting water quality. As discussed in the September 1, 2023, Semi-Annual report, Buffalo Sewer has engaged with both USEPA and NYSDEC in extensive discussions and provided many requested documents on an extremely expedited schedule to ensure these discussions are productive and meaningful for all parties involved.

5. CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Oluwole A. McFoy, P.E., General Manager

9/1/2023

Date

ITEM NO. 28

CONTRACT NO. 82000039

CERTIFICATE OF ACCEPTANCE AND OCCUPANCY

PROJECT: Broadway at Oak Real Time Control Project

CONTRACTOR: STC Construction, Inc.
63 Zoar Valley Road
Springville, NY 14141

WHEREAS: The Buffalo Sewer Authority Principal Sanitary Engineer and Staff and CHA have certified that the Contractor completed the work in accordance with the plans and specifications on 9/28/2023.

NOW THEREFORE
BE IT RESOLVED:

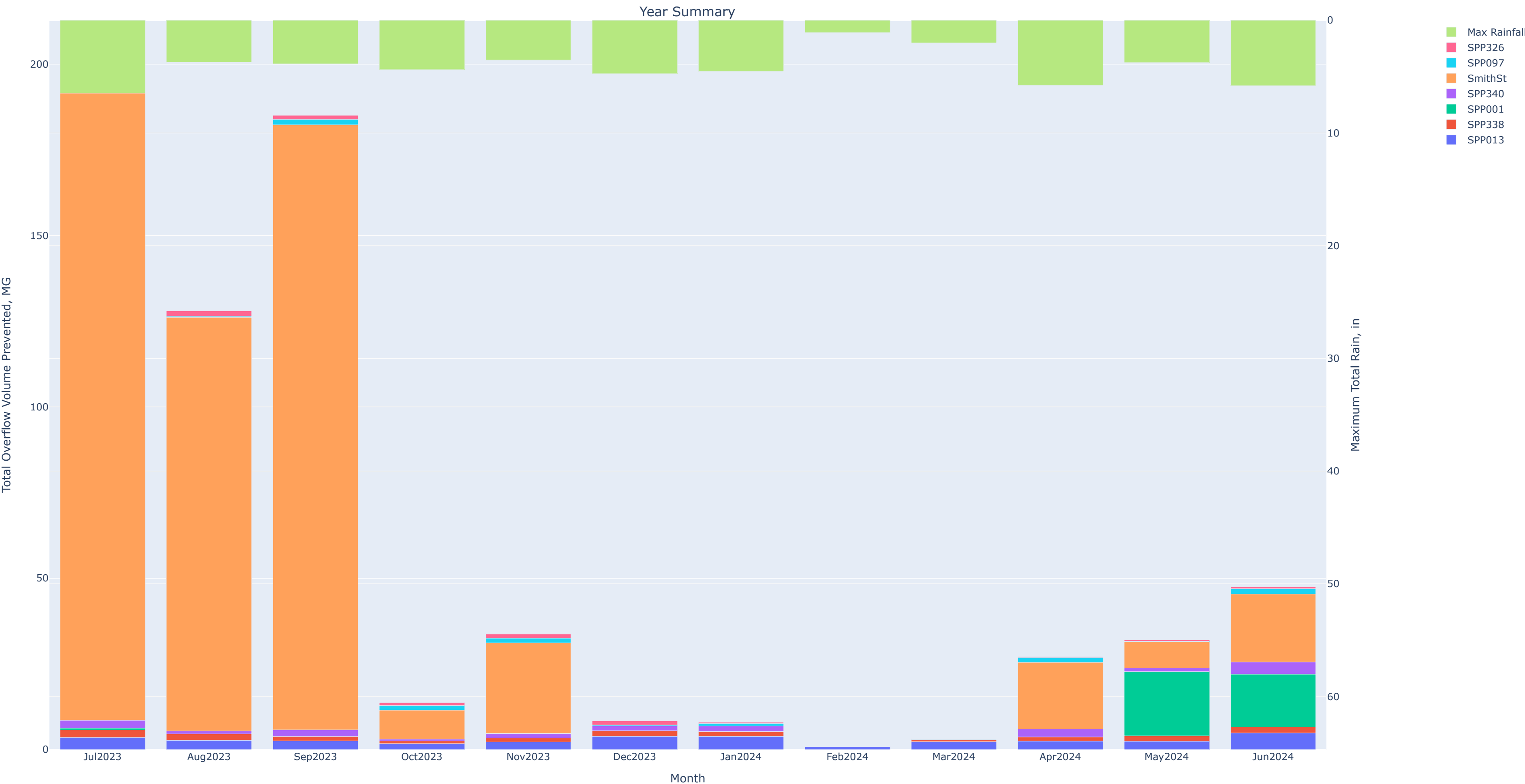
That the Board of the Buffalo Sewer Authority hereby finds and determines that:

- a. The work to be performed under the terms of the Contract has been complete and is accepted;
- b. The date of entrance and occupancy be fixed as of 9/28/2023;
- c. The maintenance period commences on 9/28/2023;
- d. The Board approved Change Order No. 4 on September 28, 2023, resulting in a net decrease of \$31,550.49 thereby making the adjusted contract cost \$4,224,349.96.

MOTION TO APPROVEMADE BY MRS. PETRUCCI2ND BY MR. ROOSEVELTAYES 3 NOES 0

Board Meeting of September 28, 2023

BSA Systemwide Fiscal Year to Date Report (2024) - v1.0.4



Total Overflow Volume Prevented, MG - v1.0.4

index	Jul2023	Aug2023	Sep2023	Oct2023	Nov2023	Dec2023	Jan2024	Feb2024	Mar2024	Apr2024	May2024	Jun2024	Total
SPP013	3.547	2.699	2.553	1.734	2.213	3.879	3.87	0.923	2.296	2.475	2.41	4.843	33.442
SPP338	2.183	1.884	1.264	0.799	1.152	1.632	1.379	0.0	0.658	1.219	1.597	1.727	15.494
SPP001	0.527	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.73	15.433	34.69
SPP340	2.271	0.841	1.959	0.51	1.321	1.447	1.657	0.034	0.145	2.284	1.074	3.564	17.107
SmithSt	191.043	120.713	176.52	8.445	26.457	0.0	0.0	0.0	0.0	19.462	7.686	19.776	570.102
SPP097	1.995	0.274	1.571	1.381	1.370	0.223	0.701	0.0	0.0	1.422	0.149	1.612	10.698
SPP326	0.592	1.572	1.183	0.820	1.206	1.171	0.350	0.033	0.046	0.258	0.351	0.507	8.089

Total Overflow Volume Occurred, MG - v1.0.4

index	Jul2023	Aug2023	Sep2023	Oct2023	Nov2023	Dec2023	Jan2024	Feb2024	Mar2024	Apr2024	May2024	Jun2024	Total
SPP013	18.504	4.087	18.238	0.032	14.419	2.145	36.097	0.0	0.349	50.026	5.814	31.816	181.527
SPP338	0.752	0.448	0.314	0.052	0.059	0.036	0.001	0.0	0.0	0.419	0.063	1.005	3.149
SPP001	12.395	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.773	10.176	30.344
SPP340	21.079	3.7	10.194	4.257	6.597	7.67	52.954	0.337	0.427	36.969	0.972	13.098	158.254
SmithSt	9.656	0.0	25.821	0.0	5.558	0.0	0.0	0.0	0.0	2.722	0.0	9.326	53.083
SPP097	3.695	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	28.742	2.916	8.481	43.835
SPP326	4.074	3.141	13.172	5.343	6.964	5.993	12.504	0.74	0.738	14.569	5.262	12.509	85.009

Total Overflow Activations Prevented - v1.0.4

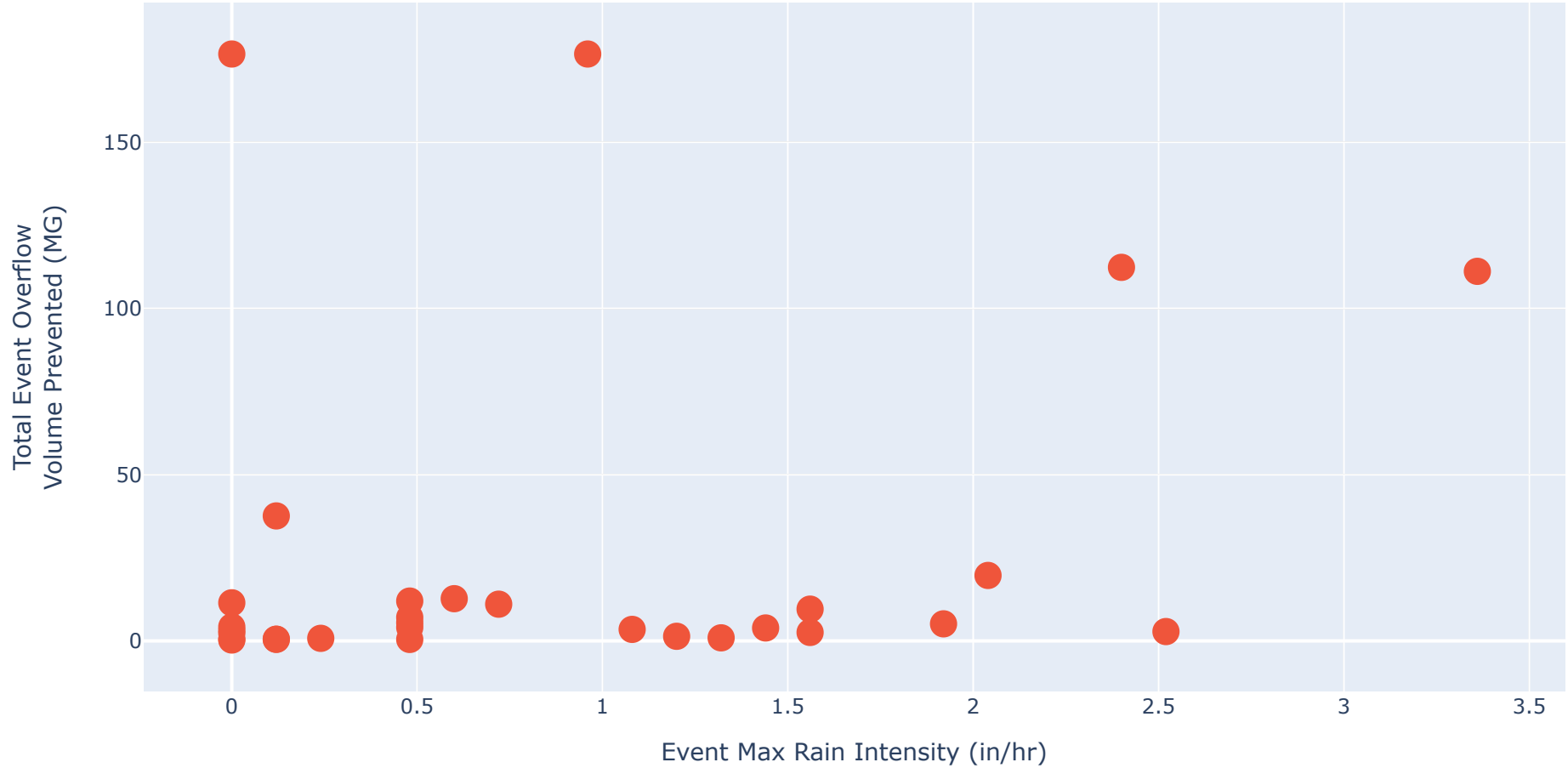
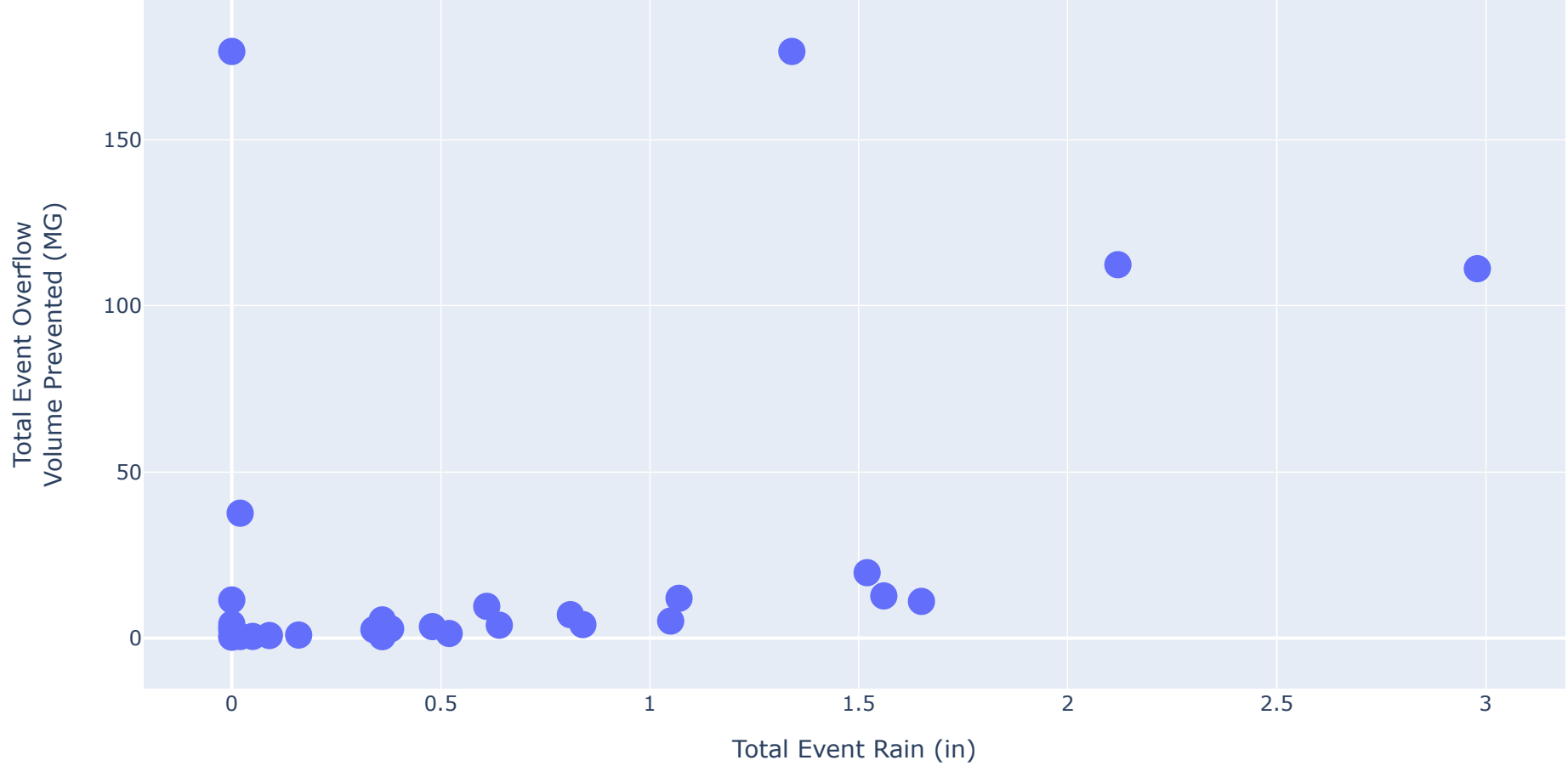
index	Jul2023	Aug2023	Sep2023	Oct2023	Nov2023	Dec2023	Jan2024	Feb2024	Mar2024	Apr2024	May2024	Jun2024	Total
SPP013	2.0	3.0	0.0	2.0	2.0	3.0	3.0	2.0	4.0	1.0	2.0	3.0	27.0
SPP338	0.0	1.0	1.0	1.0	1.0	2.0	3.0	0.0	2.0	1.0	4.0	3.0	19.0
SPP001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	3.0
SPP340	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	4.0
SmithSt	3.0	2.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0	4.0	2.0	4.0	22.0
SPP097	1.0	2.0	1.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	11.0
SPP326	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.0	3.0	0.0	9.0

Total Overflow Activations Occurred - v1.0.4

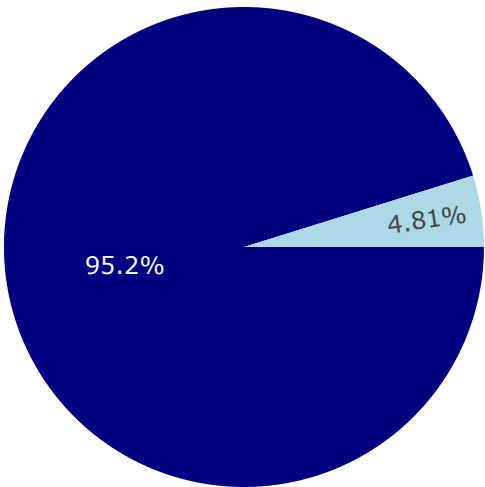
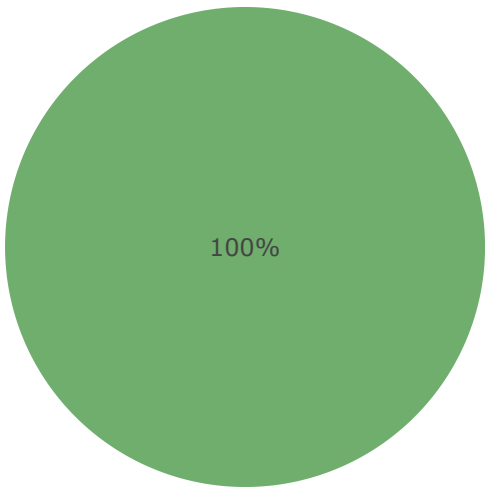
index	Jul2023	Aug2023	Sep2023	Oct2023	Nov2023	Dec2023	Jan2024	Feb2024	Mar2024	Apr2024	May2024	Jun2024	Total
SPP013	3.0	2.0	3.0	1.0	2.0	3.0	3.0	0.0	1.0	3.0	2.0	3.0	26.0
SPP338	5.0	4.0	2.0	1.0	2.0	2.0	1.0	0.0	0.0	2.0	2.0	2.0	23.0
SPP001	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	7.0
SPP340	2.0	3.0	3.0	2.0	3.0	4.0	5.0	1.0	2.0	2.0	2.0	4.0	33.0
SmithSt	2.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	8.0
SPP097	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	7.0
SPP326	2.0	6.0	3.0	5.0	3.0	6.0	5.0	1.0	2.0	4.0	6.0	6.0	49.0

2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	8.0
Occurred SPP Overflow Volume (MG)	53.083
Number of Prevented SPP Overflow Events	22.0
Prevented SPP Overflow Volume (MG)	570.102
Total Observed Rain at BSA Smith Perry (in)	37.410



Jul2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

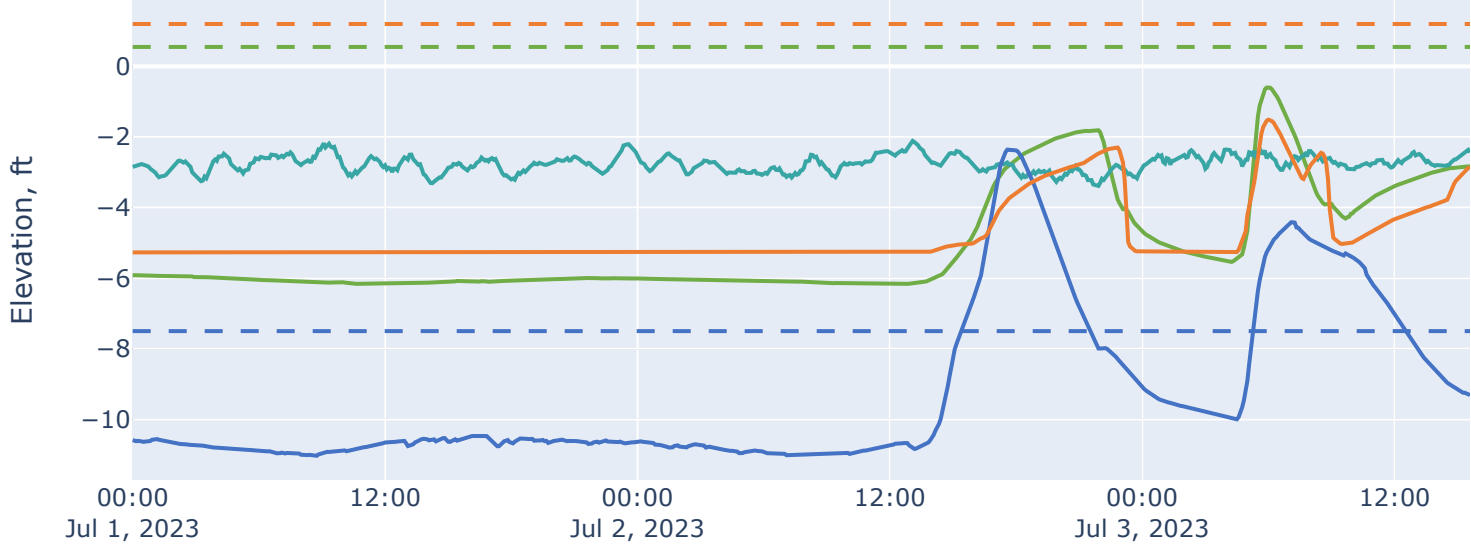
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
3	2	191.043	9.656	5.65

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
July 01, 2023	1.34	0.0	17.932	100.0	N/A	Good
July 03, 2023	0.02	0.0	37.595	100.0	N/A	Poor
July 12, 2023	2.12	3.254	112.358	97.0	N/A	Poor
July 25, 2023	1.52	6.402	19.691	75.0	N/A	Poor
July 29, 2023	0.48	0.0	3.467	100.0	N/A	Poor

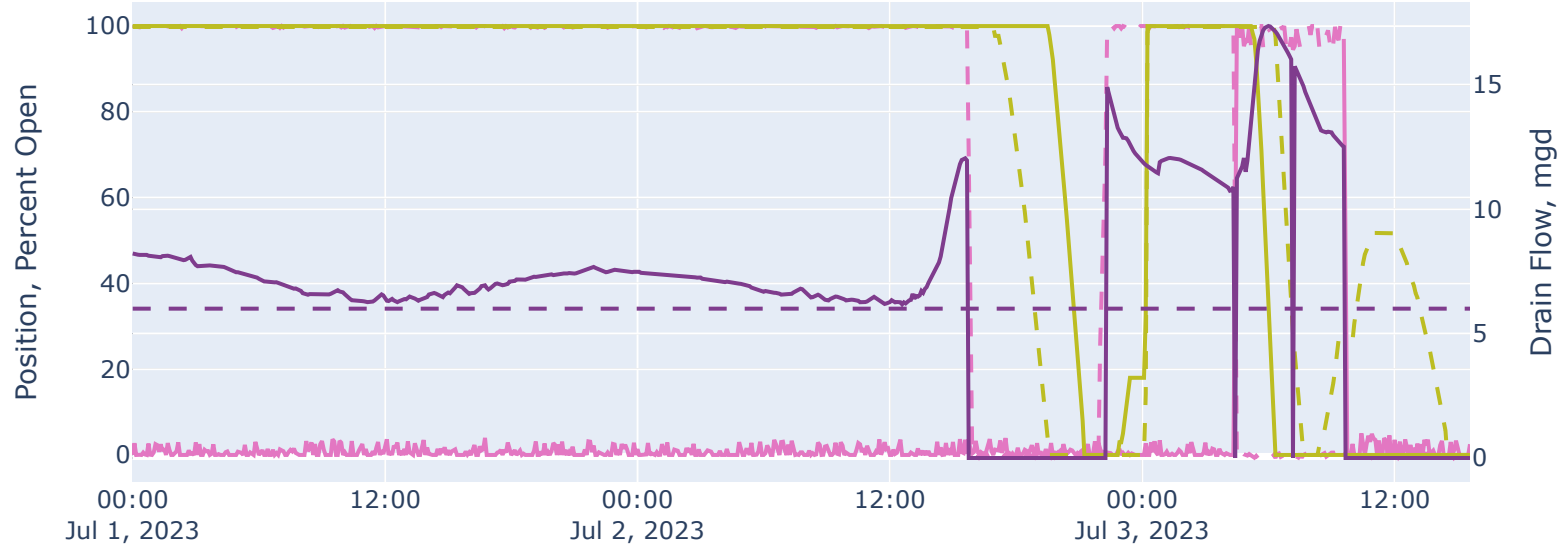
July 01, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	07/01/2023 00:00
Event End Date/Time	07/03/2023 15:35
Total Rainfall Accumulation (in)	1.34
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	13.75
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

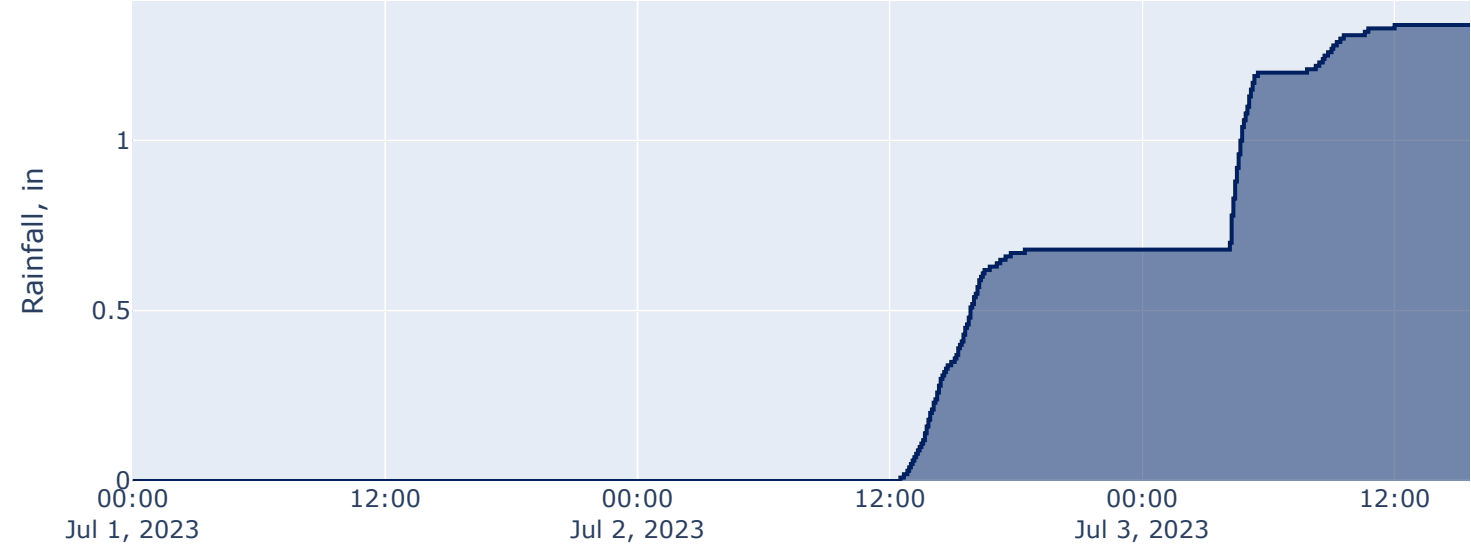
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	17.932
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	July 01, 2023
Data Quality	Good
Total Rain (in)	1.34
Max Rain Intensity (in/hr)	0.96



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-10.0	-7.08	-2.14	-3.41
Site Depth at Activation (ft)	0.0	0.0	0.0	0.0
Site Return to Normal Depth (ft)	0.0	0.0	0.0	0.0
Time Activated	07/03/2023 04:30	07/02/2023 15:40	07/02/2023 19:30	07/02/2023 16:55
Time Returned to Normal	07/03/2023 15:30	07/02/2023 22:20	07/03/2023 00:15	07/03/2023 00:20



RTC Sites	Smith Perry
Total Volume Captured (MG)	17.932
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

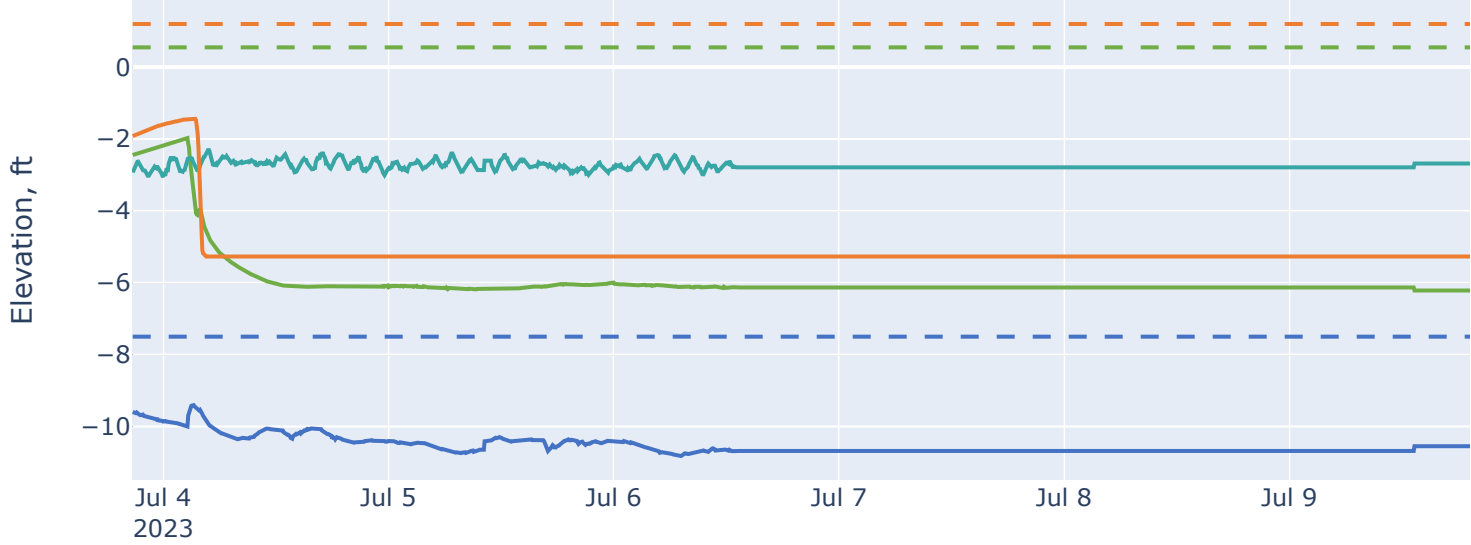


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

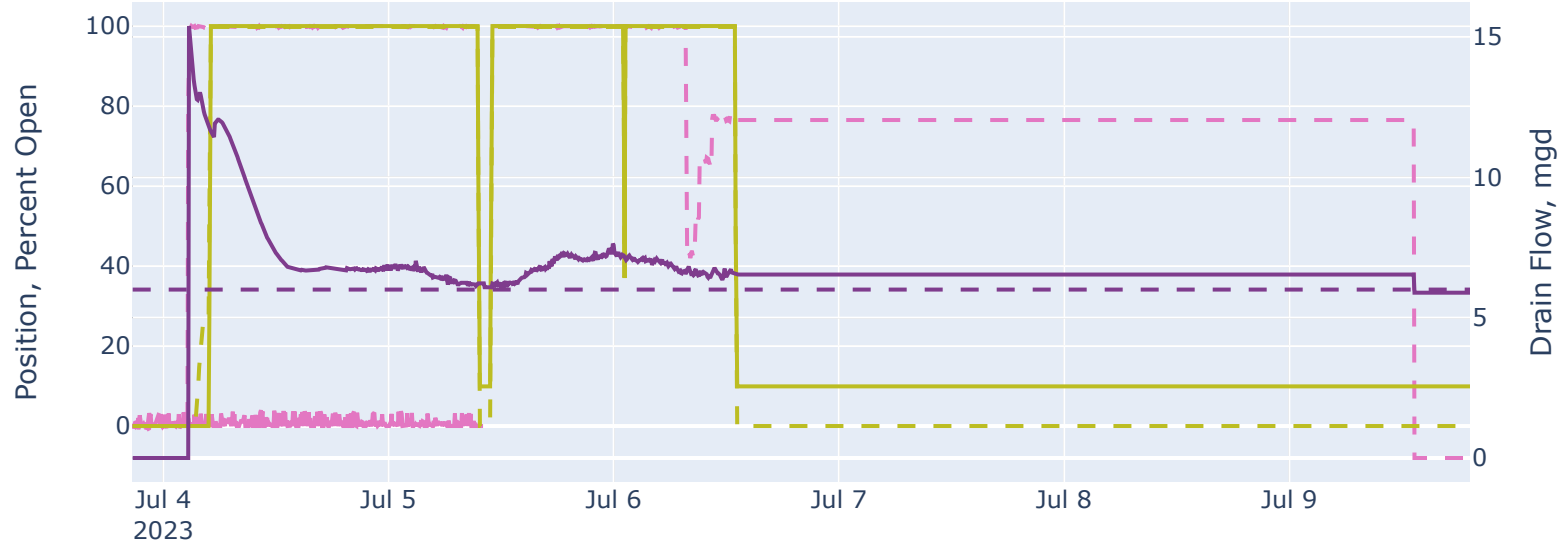
July 03, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	07/03/2023 20:45
Event End Date/Time	07/09/2023 19:15
Total Rainfall Accumulation (in)	0.02
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	0.25
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

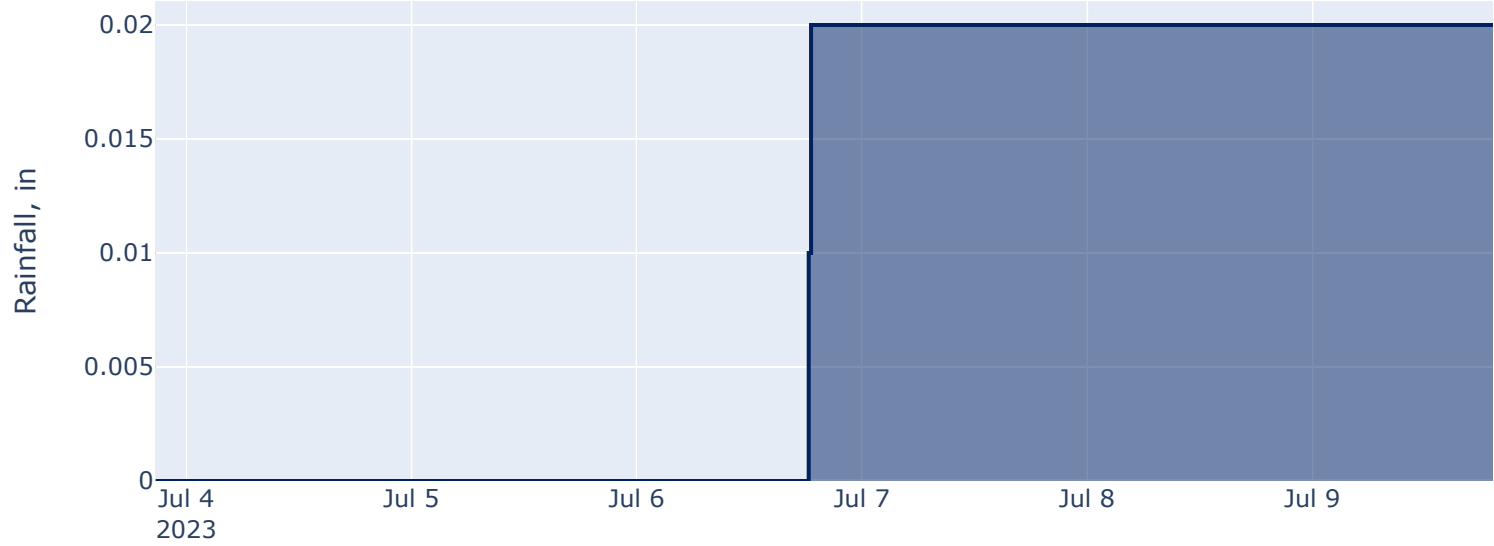
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	37.595
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	July 03, 2023
Data Quality	Poor
Total Rain (in)	0.02
Max Rain Intensity (in/hr)	0.12



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	-9.56	-4.81	-4.81
Site Depth at Activation (ft)	N/A	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	0.0	0.0	0.0
Time Activated	N/A	07/04/2023 02:45	07/04/2023 05:00	07/04/2023 05:00
Time Returned to Normal	N/A	07/09/2023 19:15	07/09/2023 19:15	07/09/2023 19:15



RTC Sites	Smith Perry
Total Volume Captured (MG)	37.595
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

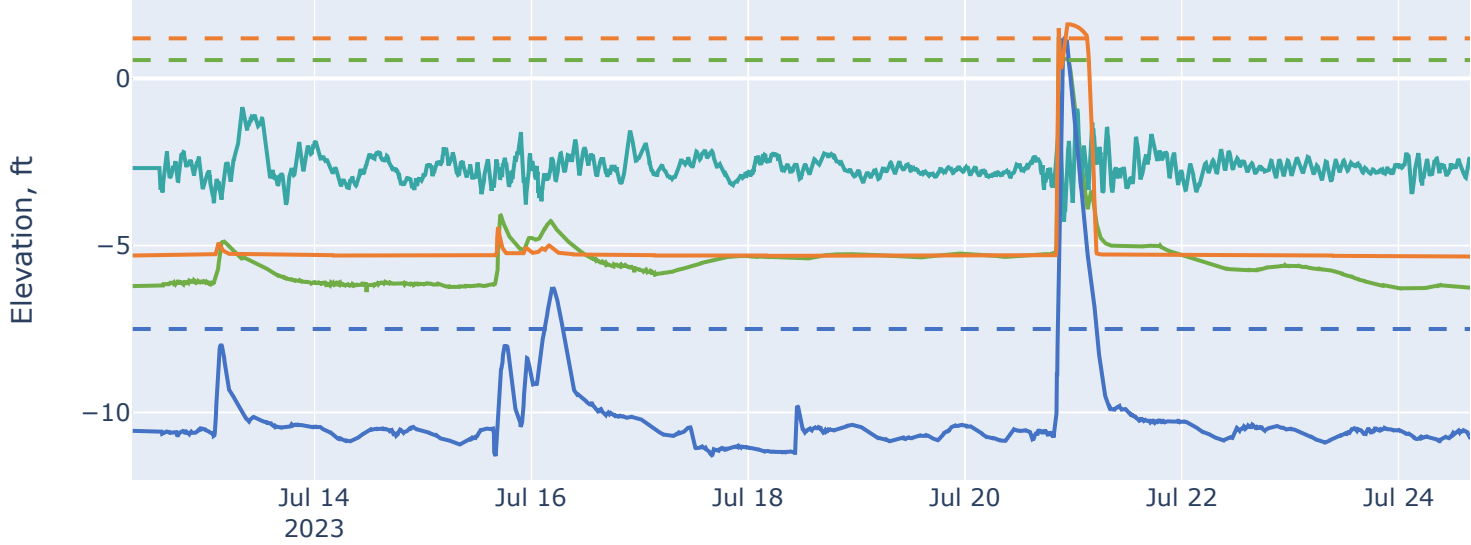


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

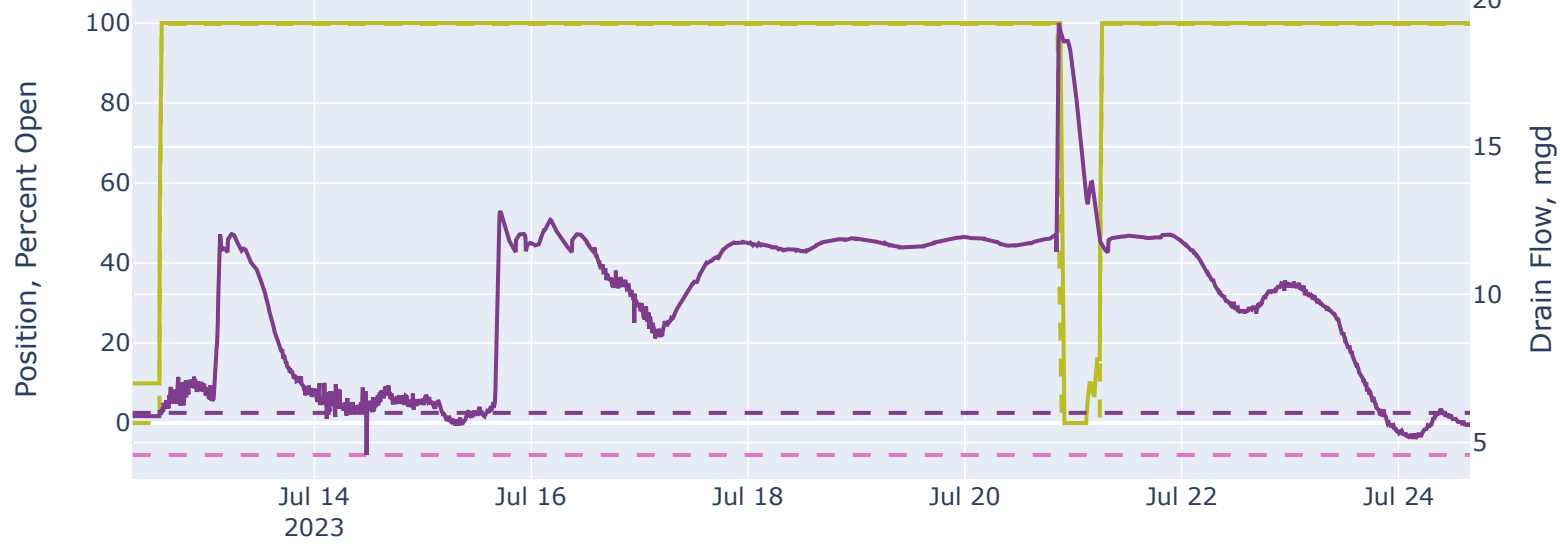
July 12, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	07/12/2023 07:50
Event End Date/Time	07/24/2023 15:45
Total Rainfall Accumulation (in)	2.12
Maximum Rainfall Intensity (in/hr)	2.4
Storm Event Duration (hr)	20.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	112.358
Overflow Before Storage Full	N/A
Overflow Volume (MG)	3.254
Overflow Duration (hr)	2.17
Event	July 12, 2023
Data Quality	Poor
Total Rain (in)	2.12
Max Rain Intensity (in/hr)	2.4



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-6.22	-6.2
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	N/A	07/12/2023 07:50	07/12/2023 13:55
Time Returned to Normal	N/A	N/A	07/21/2023 06:00	07/21/2023 05:50



RTC Sites	Smith Perry
Total Volume Captured (MG)	112.358
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

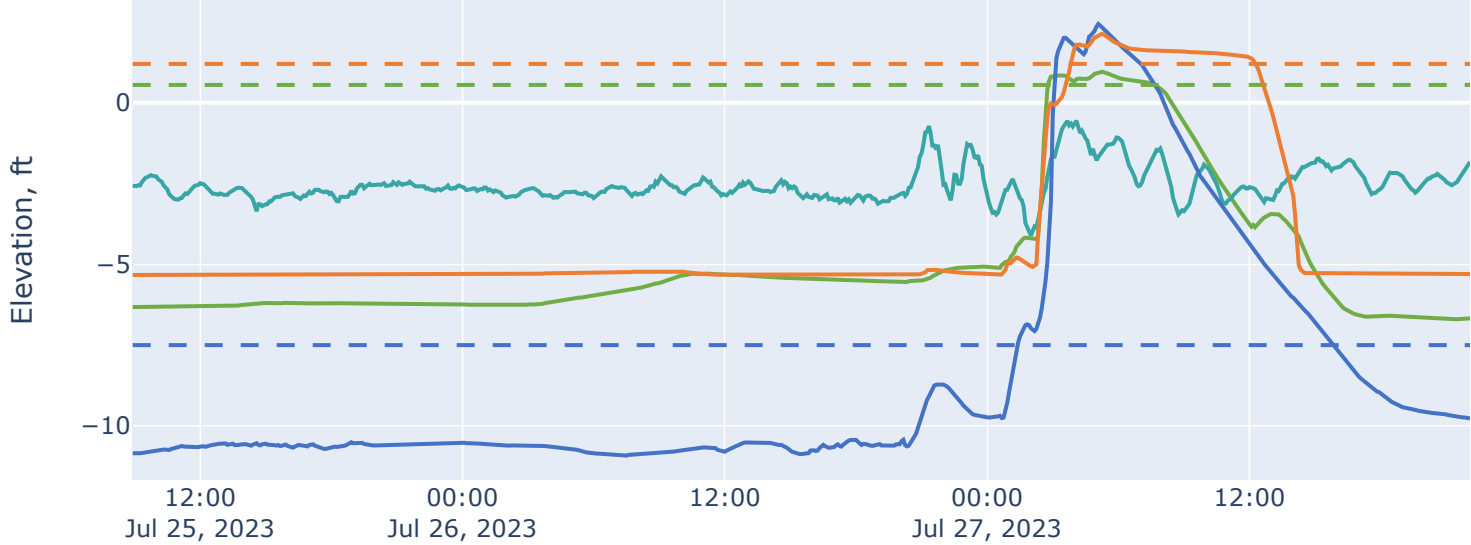


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
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- Smith Perry Valve 2 Position
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- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

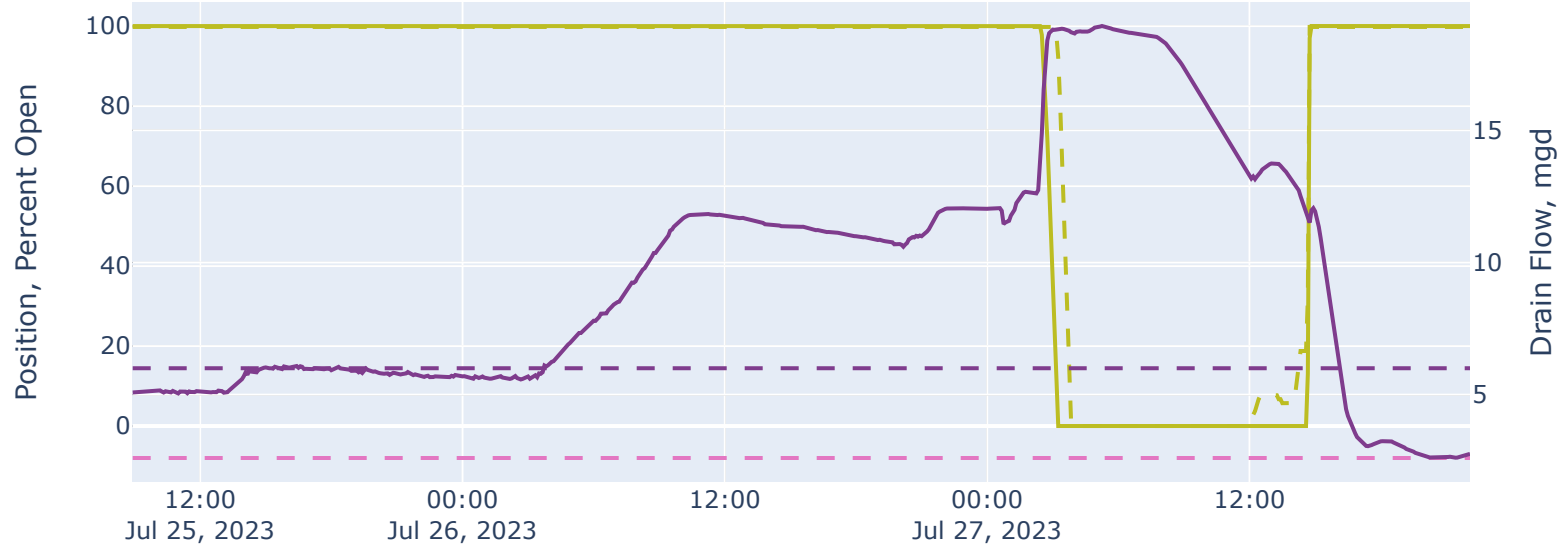
July 25, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	07/25/2023 08:55
Event End Date/Time	07/27/2023 22:05
Total Rainfall Accumulation (in)	1.52
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	9.42
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

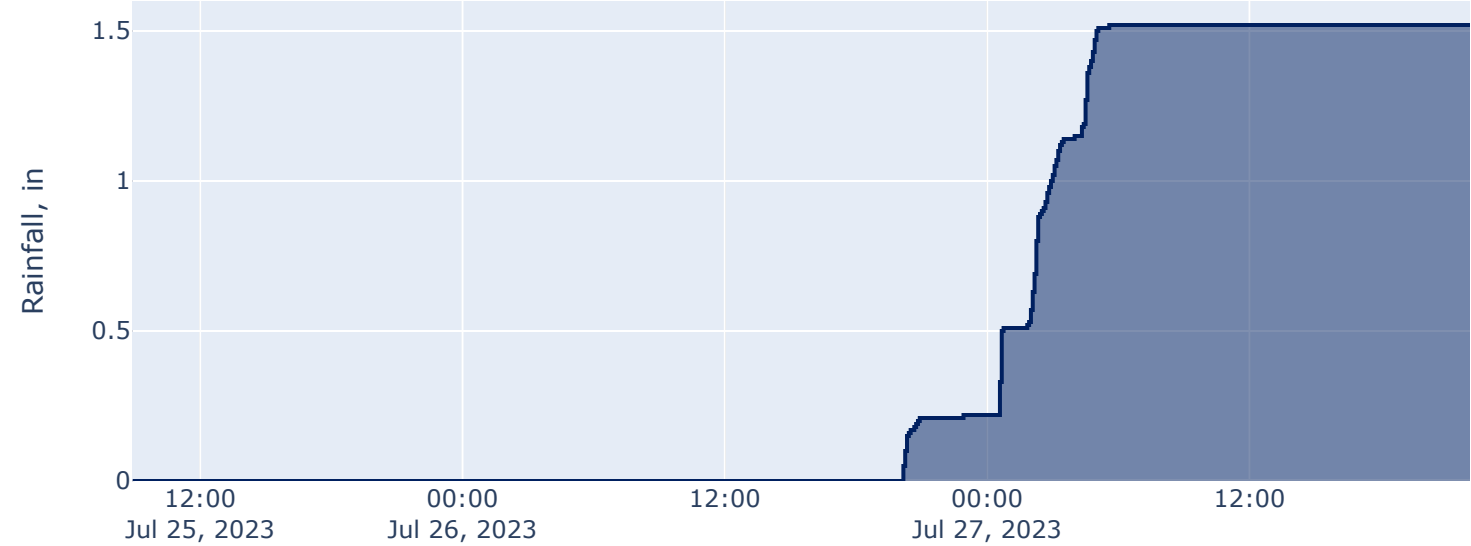
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	19.691
Overflow Before Storage Full	N/A
Overflow Volume (MG)	6.402
Overflow Duration (hr)	4.83
Event	July 25, 2023
Data Quality	Poor
Total Rain (in)	1.52
Max Rain Intensity (in/hr)	2.04



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-3.54	0.81
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	N/A	07/27/2023 02:25	07/27/2023 03:05
Time Returned to Normal	N/A	N/A	07/27/2023 14:50	07/27/2023 14:45



RTC Sites	Smith Perry
Total Volume Captured (MG)	19.691
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

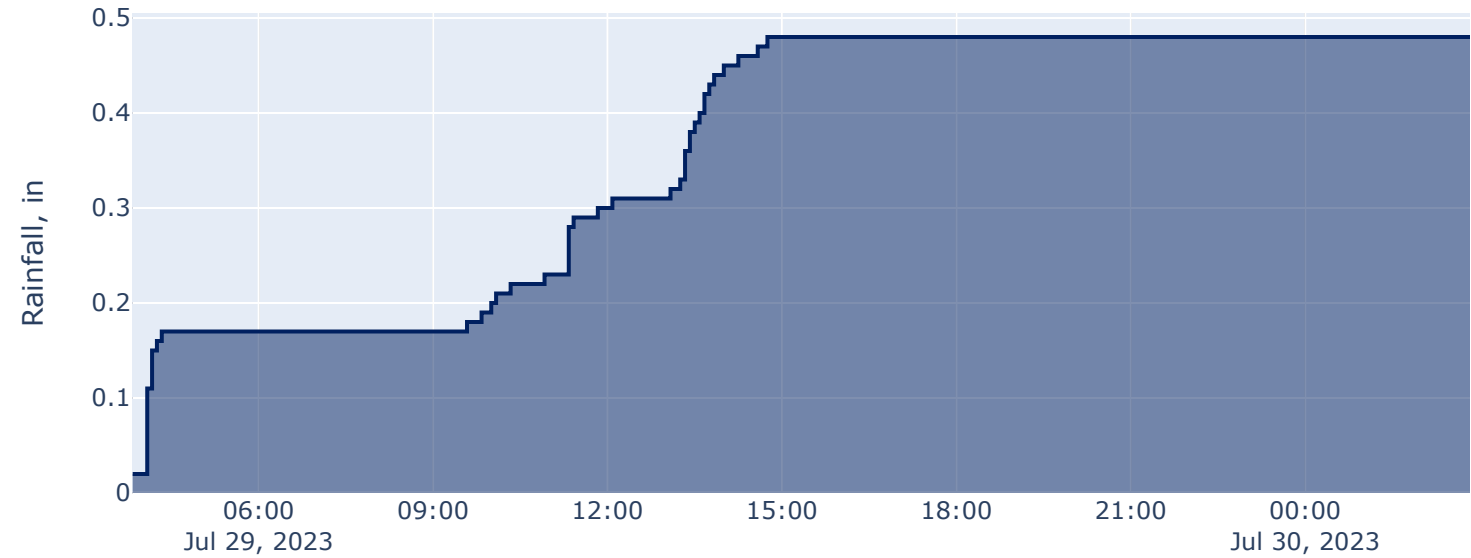
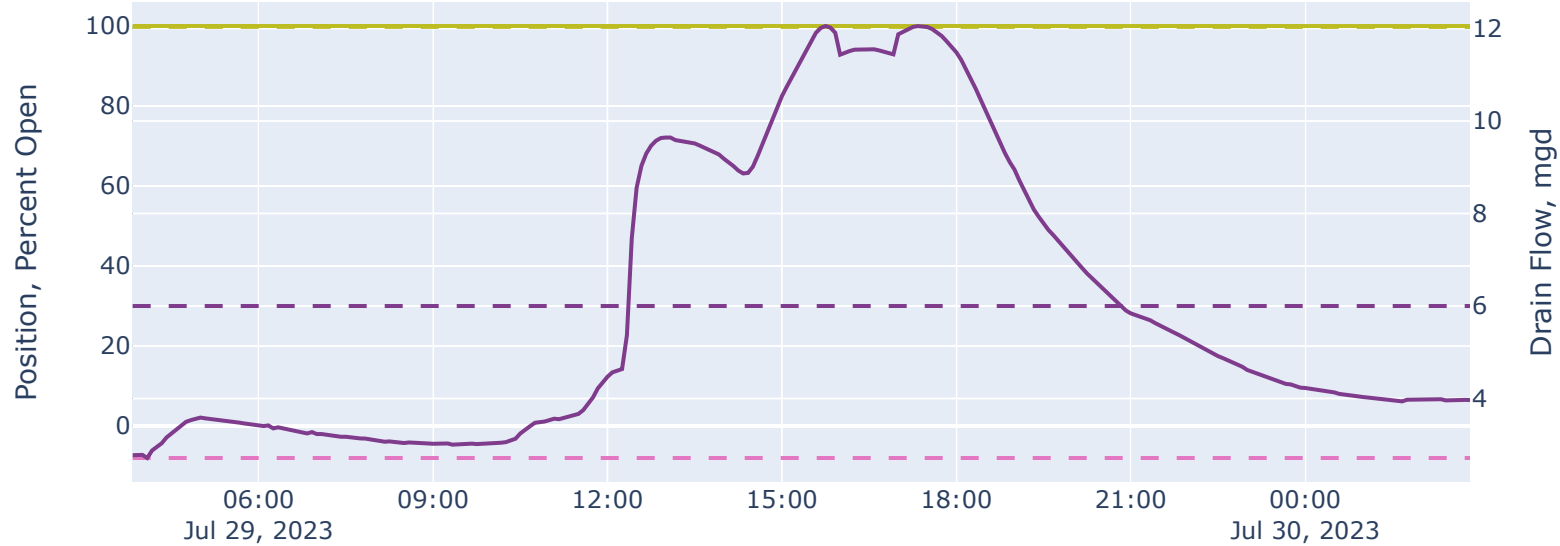
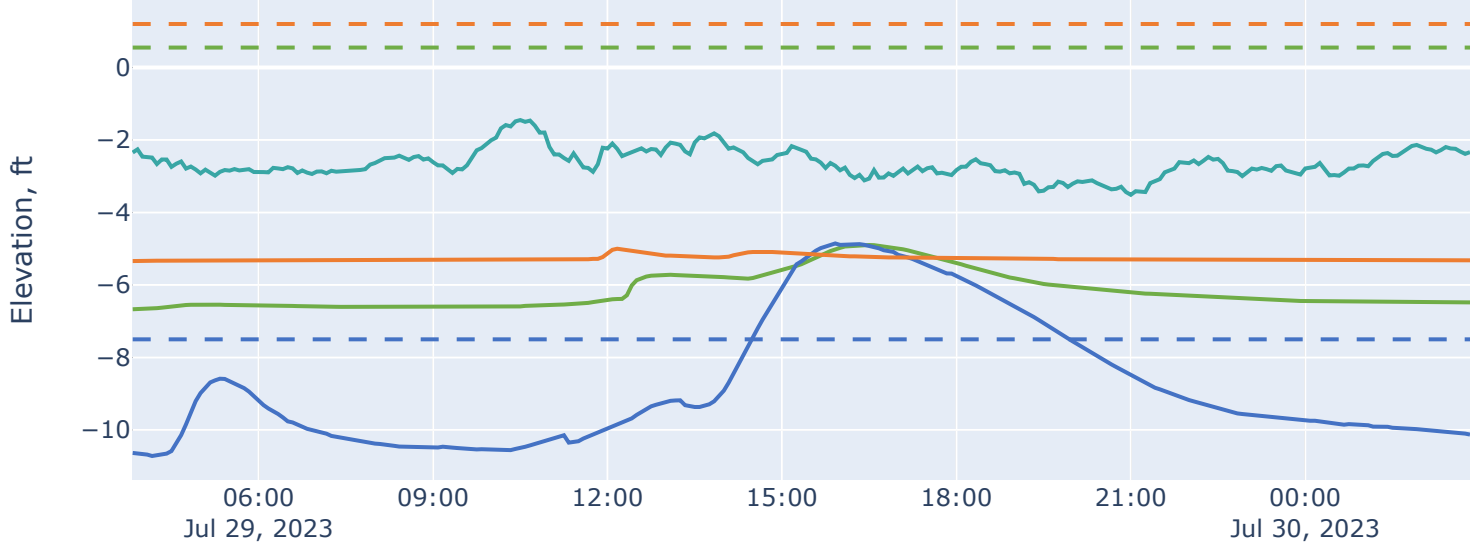
July 29, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	07/29/2023 03:50
Event End Date/Time	07/30/2023 02:50
Total Rainfall Accumulation (in)	0.48
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	10.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	3.467
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	July 29, 2023
Data Quality	Poor
Total Rain (in)	0.48
Max Rain Intensity (in/hr)	1.08

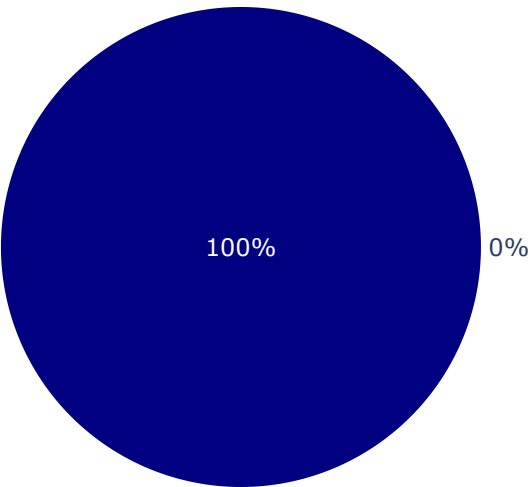
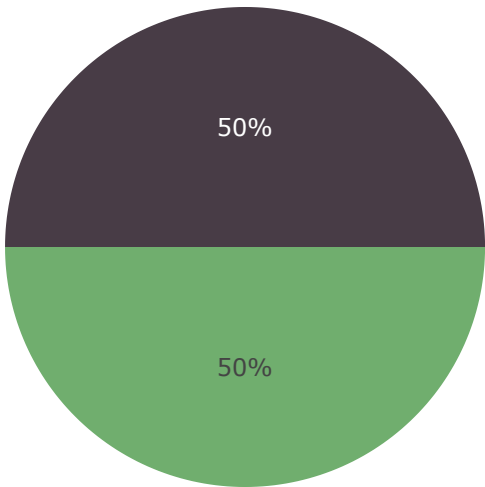
RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

RTC Sites	Smith Perry
Total Volume Captured (MG)	3.467
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Aug2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Seiche in Wet Weather
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

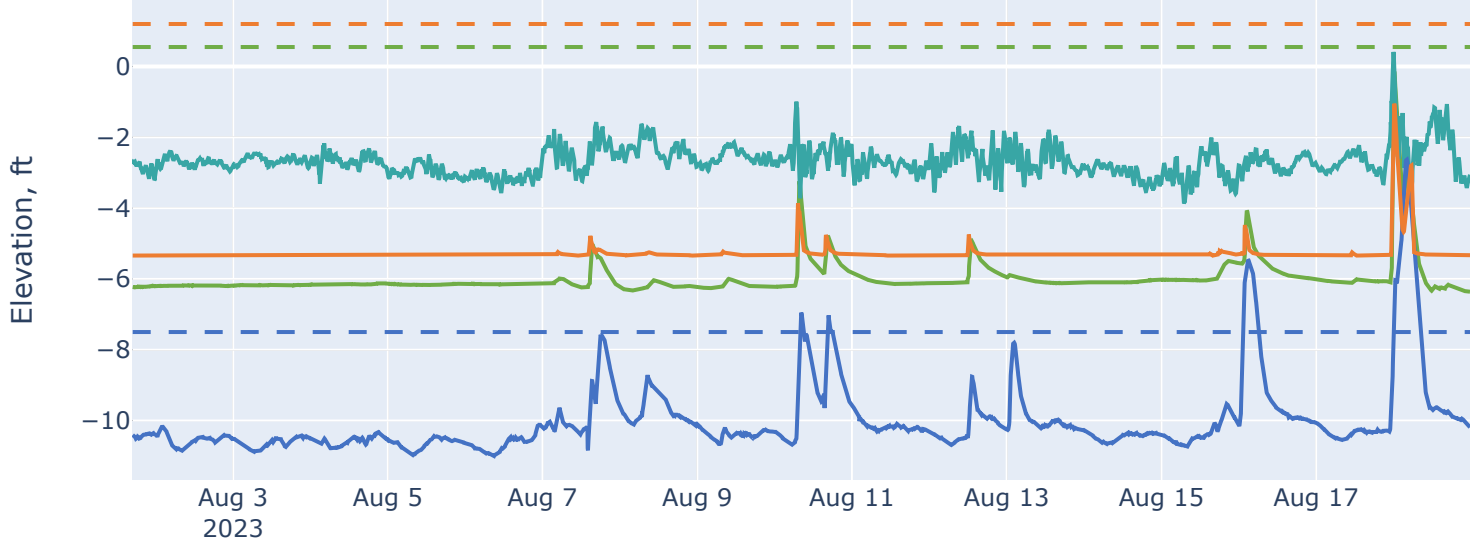
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
2	0	120.713	0.0	3.72

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
August 01, 2023	2.98	0.0	111.155	100	Yes	Poor
August 24, 2023	0.61	0.0	9.558	100	N/A	Poor

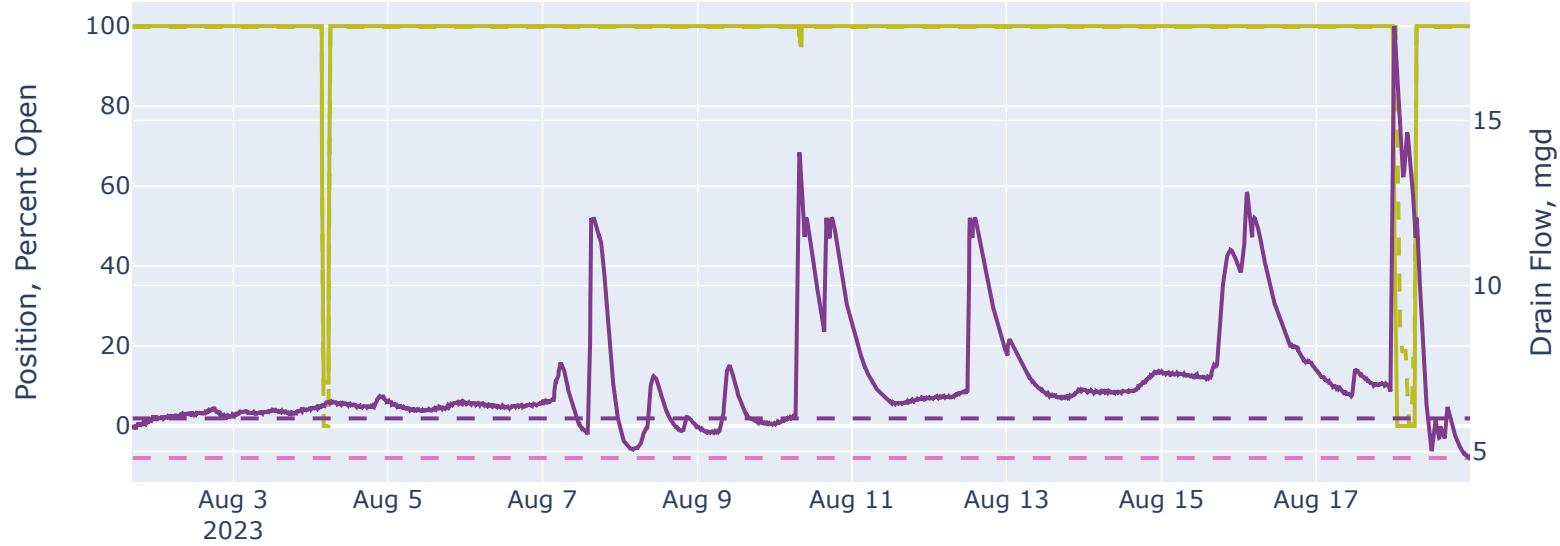
August 01, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	Yes
Event Start Date/Time	08/01/2023 16:50
Event End Date/Time	08/18/2023 23:45
Total Rainfall Accumulation (in)	2.98
Maximum Rainfall Intensity (in/hr)	3.36
Storm Event Duration (hr)	36.92
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	111.155
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	August 01, 2023
Data Quality	Poor
Total Rain (in)	2.98
Max Rain Intensity (in/hr)	3.36



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-6.15	-6.15
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	N/A	08/04/2023 03:30	08/04/2023 03:30
Time Returned to Normal	N/A	N/A	08/18/2023 06:45	08/18/2023 06:45



RTC Sites	Smith Perry
Total Volume Captured (MG)	111.155
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	Yes

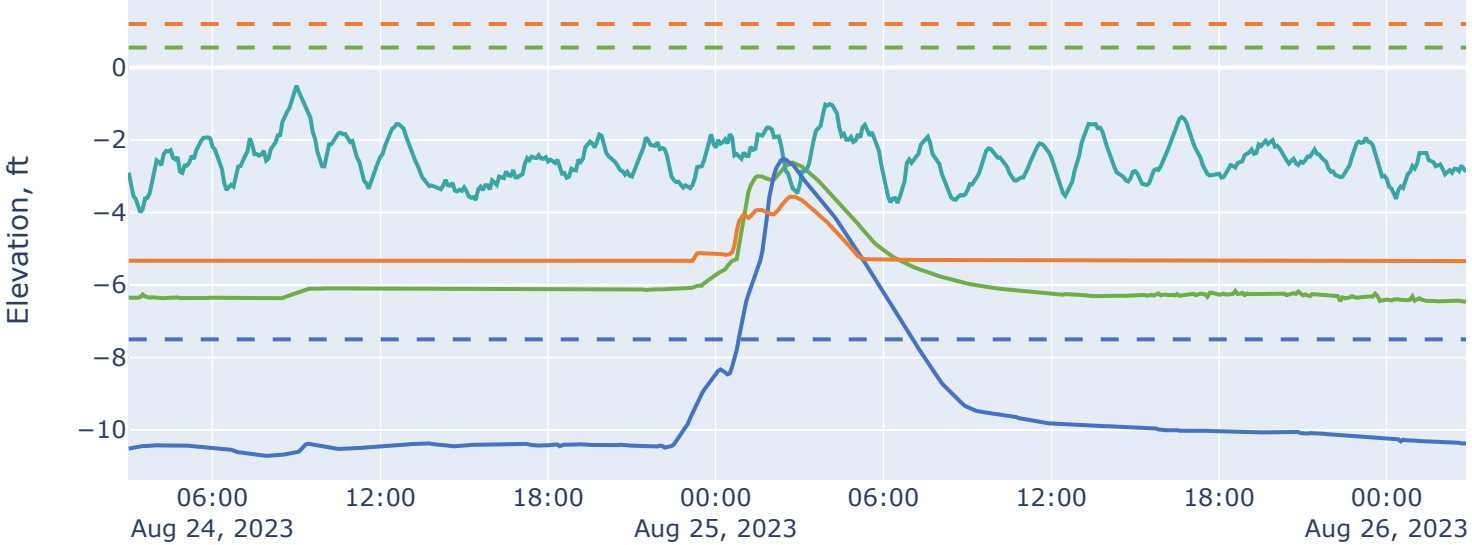


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

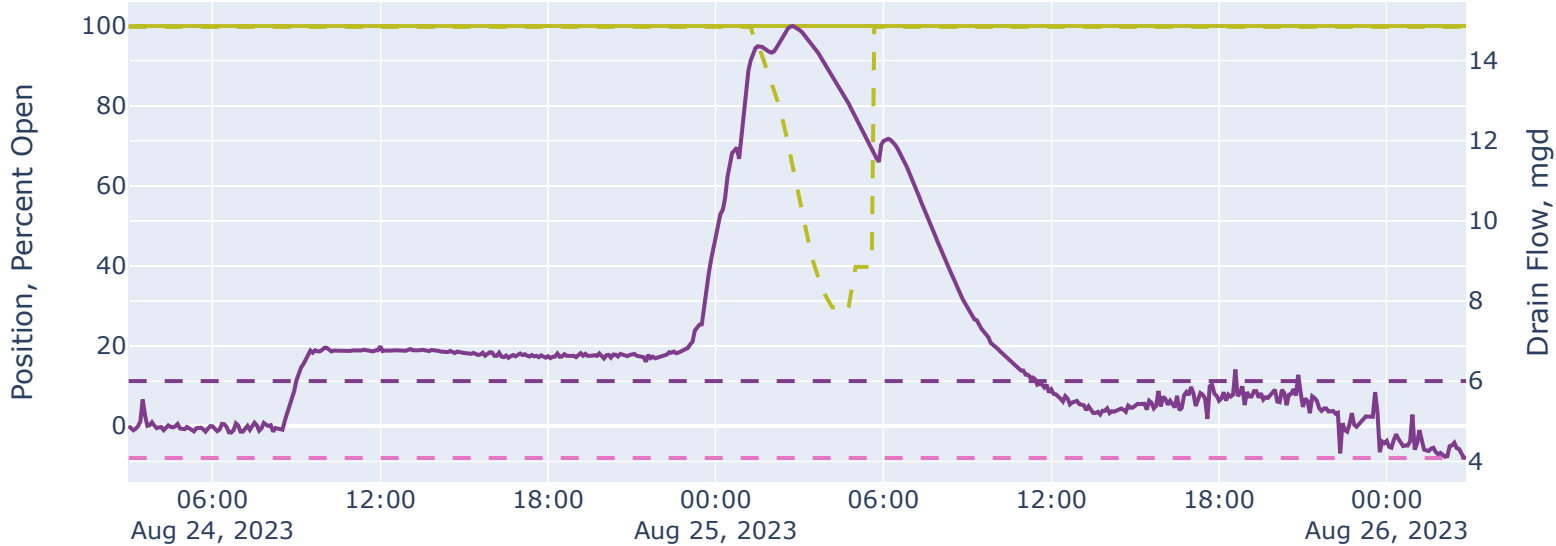
August 24, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	08/24/2023 03:00
Event End Date/Time	08/26/2023 02:50
Total Rainfall Accumulation (in)	0.61
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

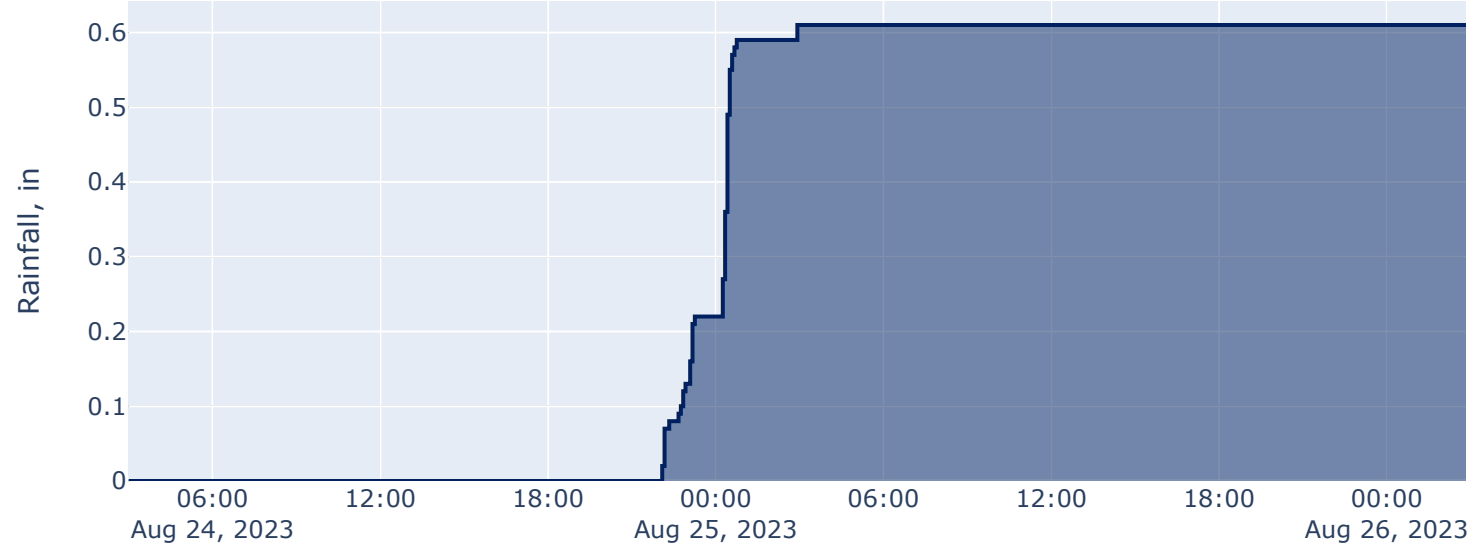
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	9.558
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	August 24, 2023
Data Quality	Poor
Total Rain (in)	0.61
Max Rain Intensity (in/hr)	1.56



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	N/A	-3.25
Site Depth at Activation (ft)	N/A	N/A	N/A	0.0
Site Return to Normal Depth (ft)	N/A	N/A	N/A	0.0
Time Activated	N/A	N/A	N/A	08/25/2023 01:15
Time Returned to Normal	N/A	N/A	N/A	08/25/2023 05:40

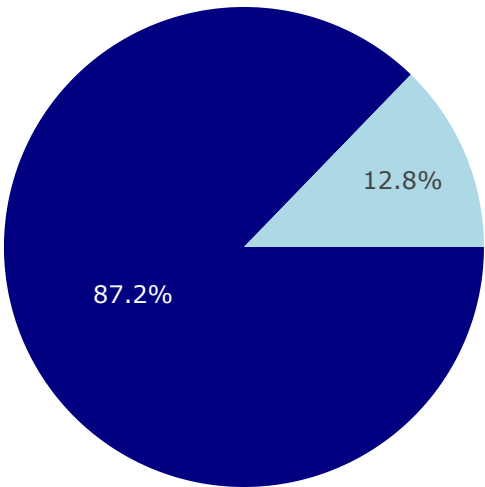
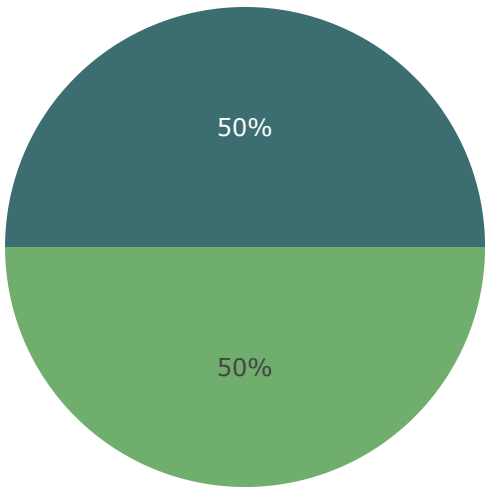


RTC Sites	Smith Perry
Total Volume Captured (MG)	9.558
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Sep2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Seiche in Dry Weather
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

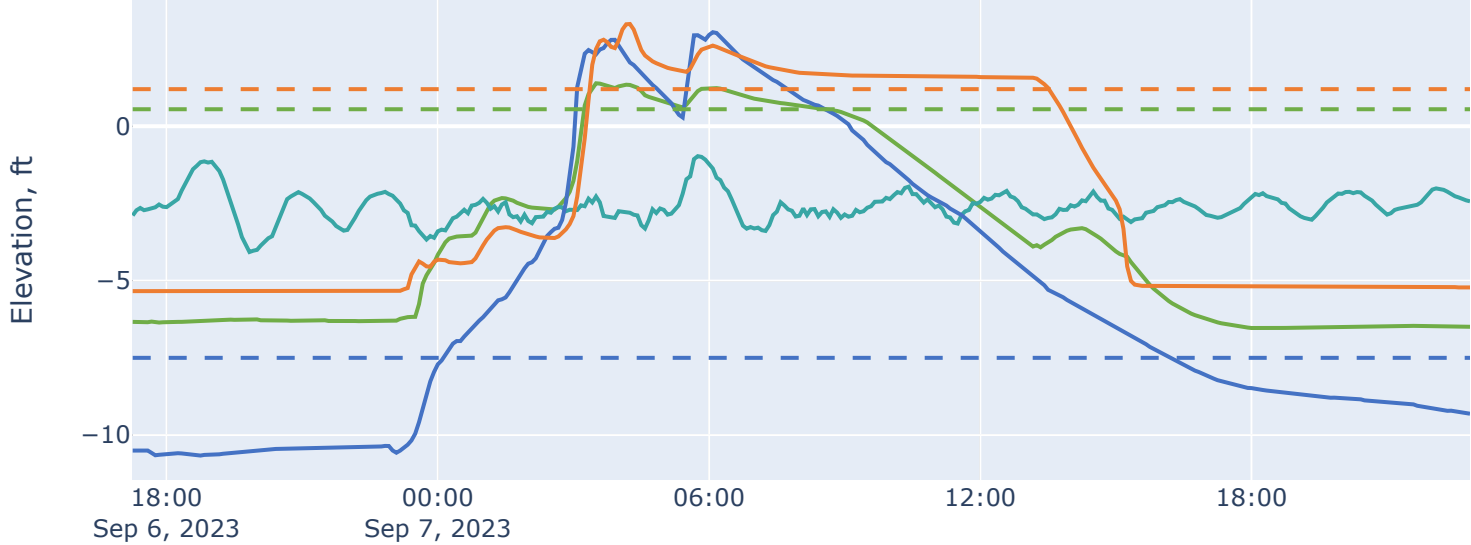
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	2	176.572	25.821	0.0

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
September 06, 2023	0.0	20.196	11.259	36.0	N/A	Poor
September 12, 2023	0.0	5.625	165.313	97.0	No	Poor

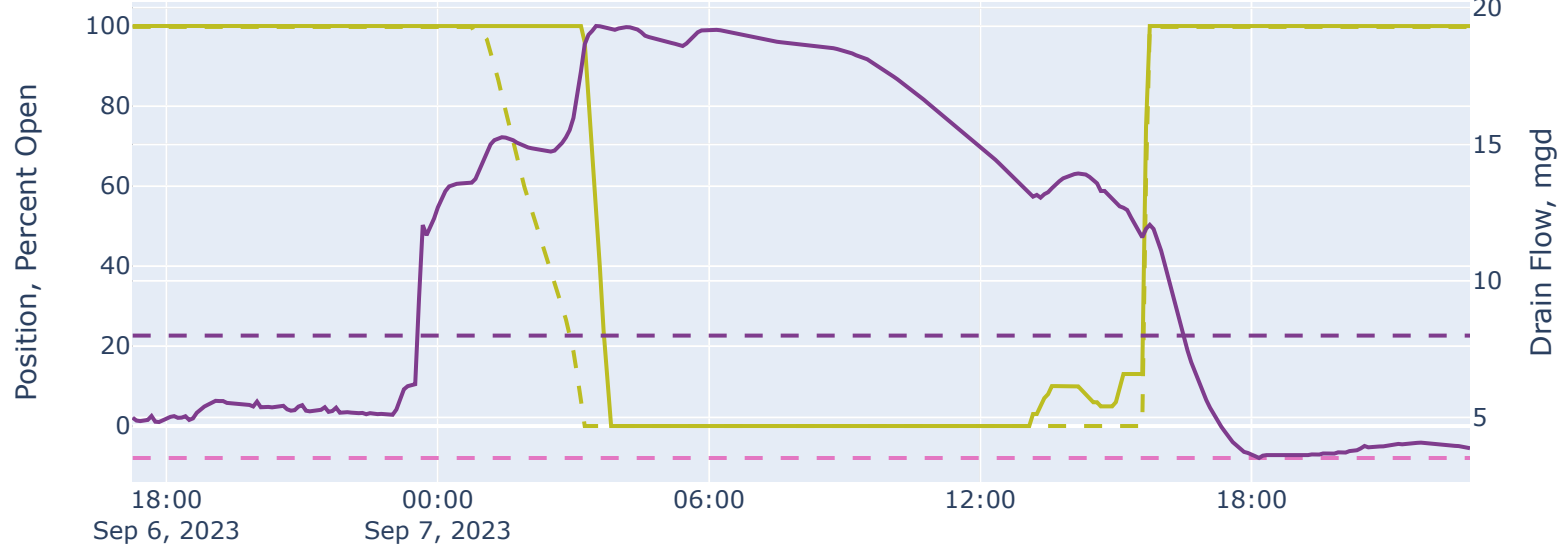
September 06, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	09/06/2023 17:15
Event End Date/Time	09/07/2023 22:50
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

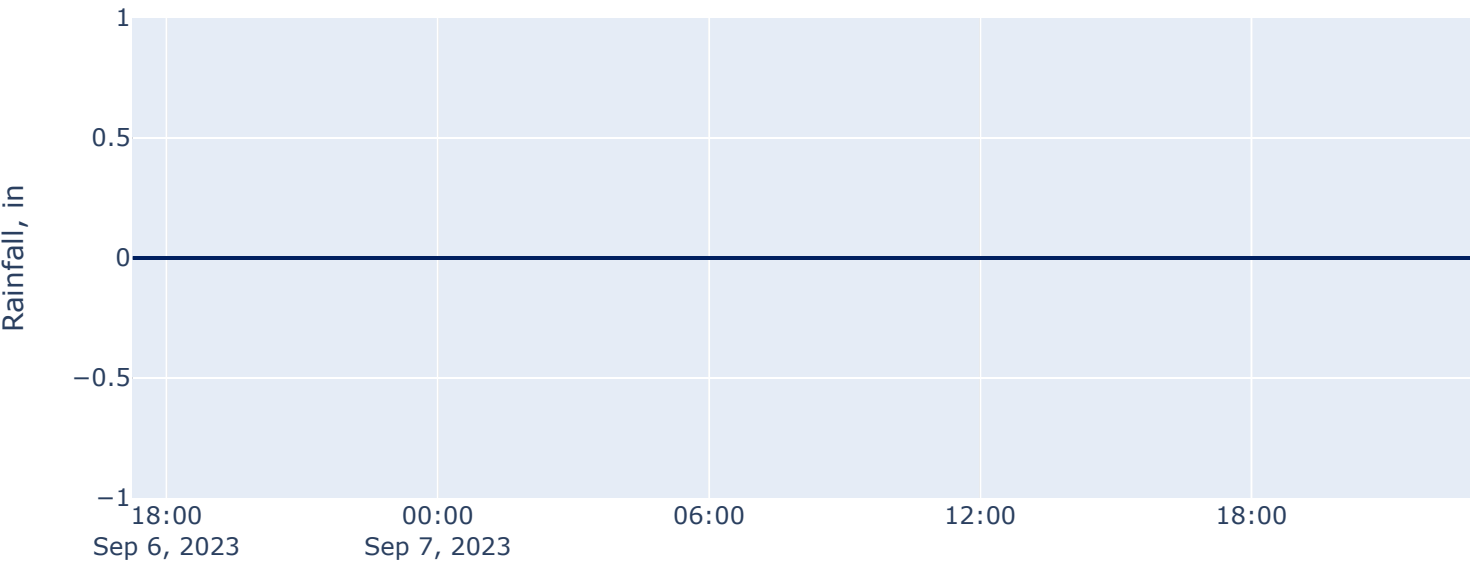
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	11.259
Overflow Before Storage Full	N/A
Overflow Volume (MG)	20.196
Overflow Duration (hr)	5.33
Event	September 06, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-0.29	-3.54
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	N/A	09/07/2023 03:10	09/07/2023 00:45
Time Returned to Normal	N/A	N/A	09/07/2023 15:45	09/07/2023 15:45



RTC Sites	Smith Perry
Total Volume Captured (MG)	11.259
Event Flow Threshold (mgd)	8
Seiche In Wet Weather	N/A

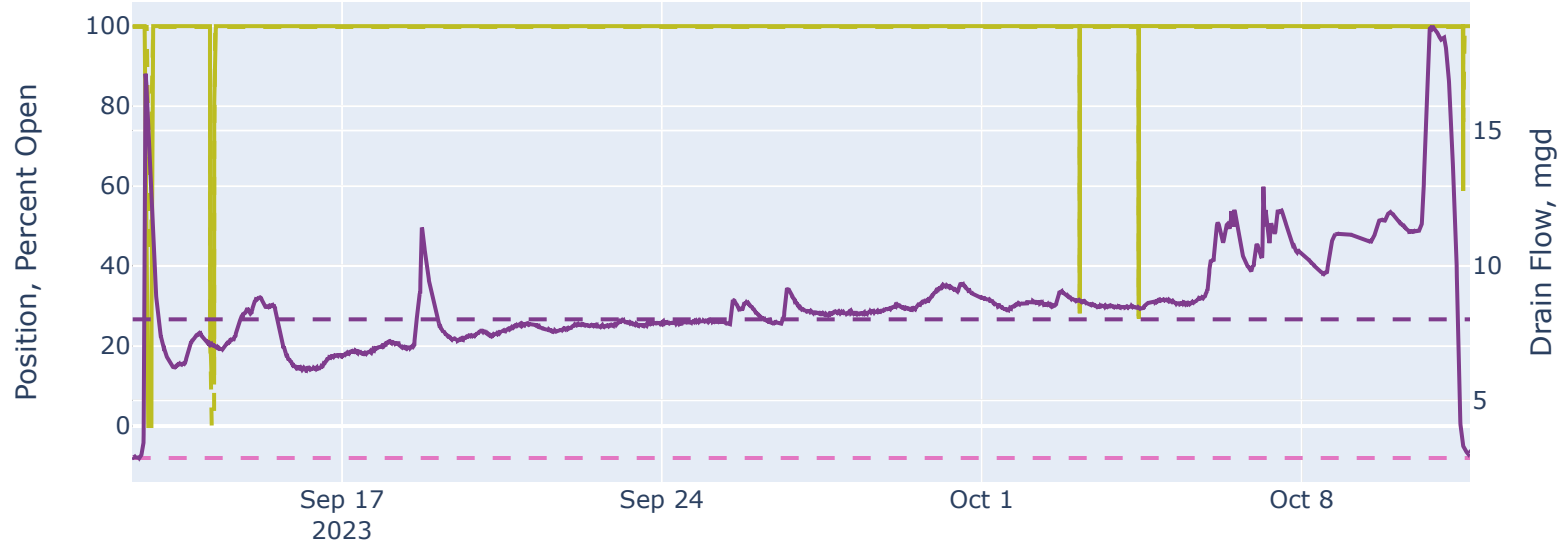
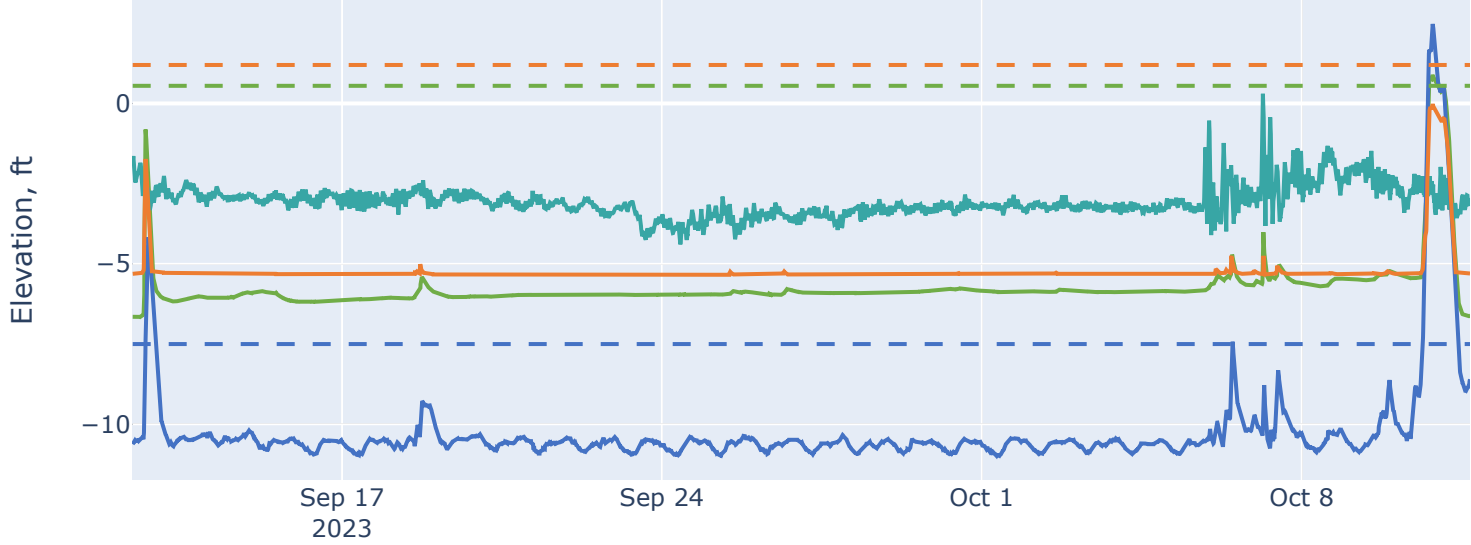


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

September 12, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

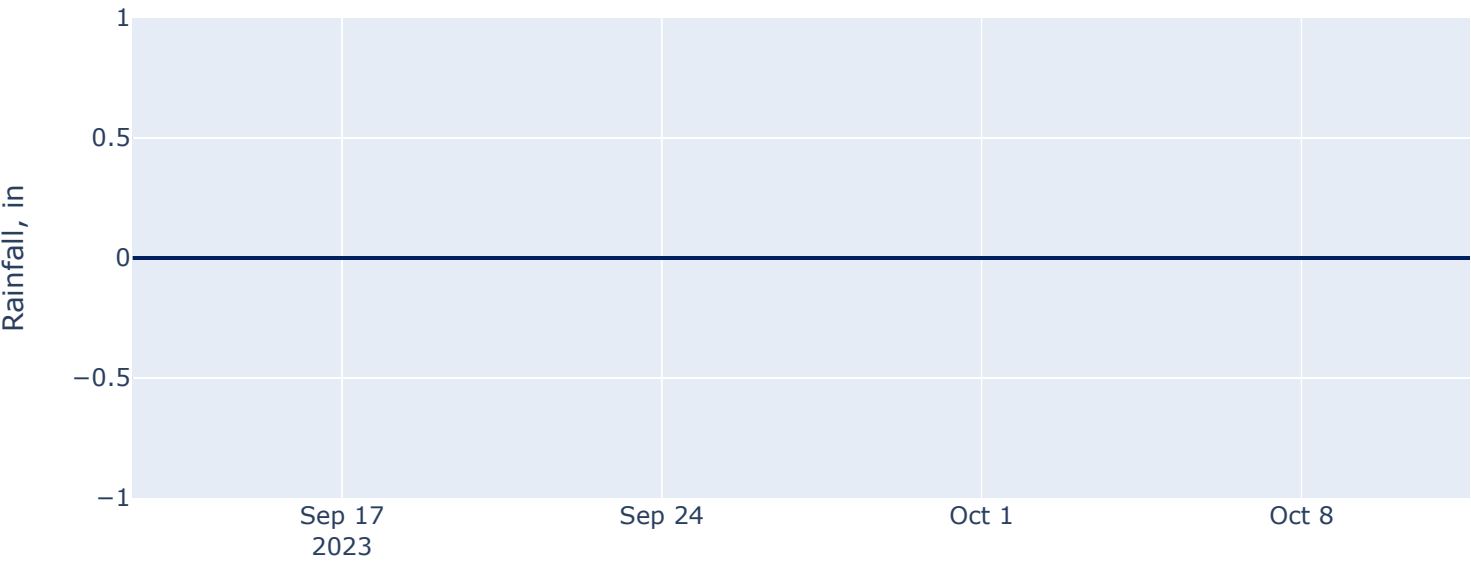
Event Data	Value
Seiche in Wet Weather	No
Event Start Date/Time	09/12/2023 10:05
Event End Date/Time	10/11/2023 16:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	165.313
Overflow Before Storage Full	N/A
Overflow Volume (MG)	5.625
Overflow Duration (hr)	5.33
Event	September 12, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A



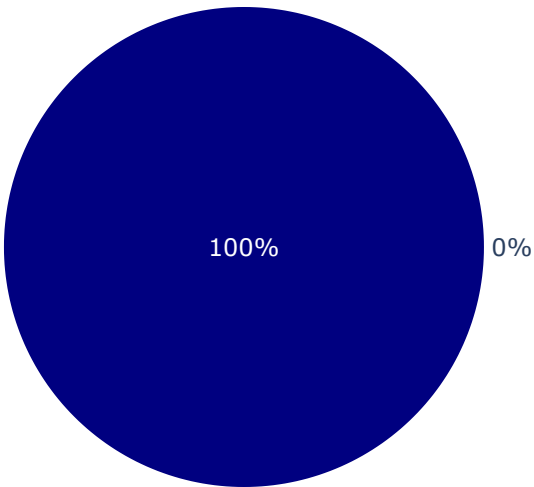
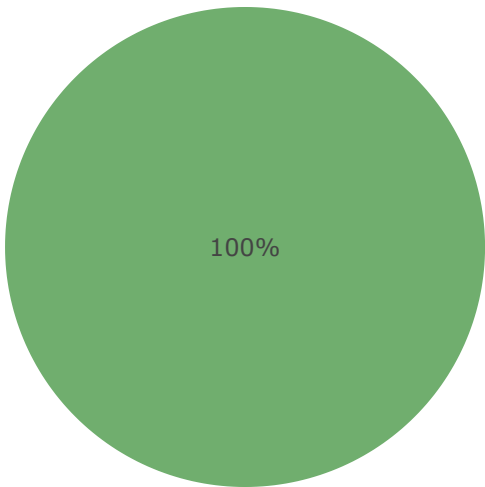
RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-3.34	-1.37
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	N/A	09/12/2023 16:20	09/12/2023 17:25
Time Returned to Normal	N/A	N/A	10/11/2023 12:50	10/11/2023 12:50

RTC Sites	Smith Perry
Total Volume Captured (MG)	165.313
Event Flow Threshold (mgd)	8
Seiche In Wet Weather	No



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Oct2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
4	0	8.445	0.0	0.06

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
October 14, 2023	0.0	0.0	3.156	100	N/A	Poor
October 26, 2023	0.0	0.0	0.53	100	N/A	Poor
October 29, 2023	0.0	0.0	4.244	100	N/A	Poor
October 31, 2023	0.05	0.0	0.515	100	N/A	Poor

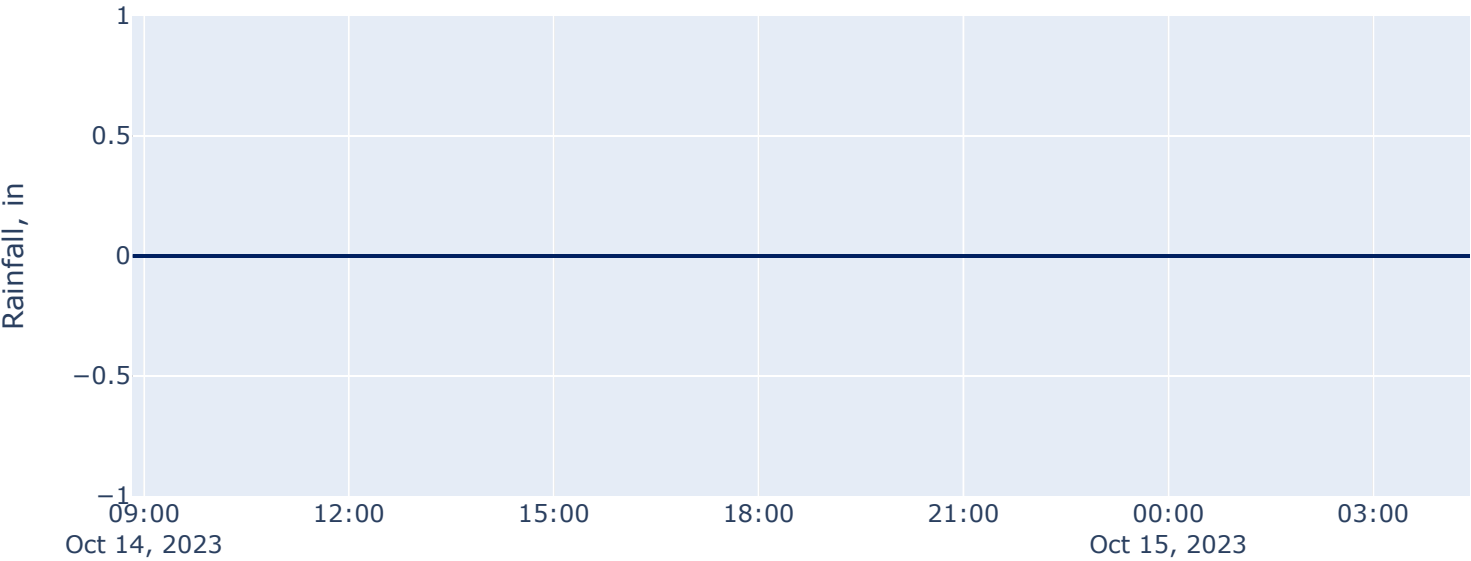
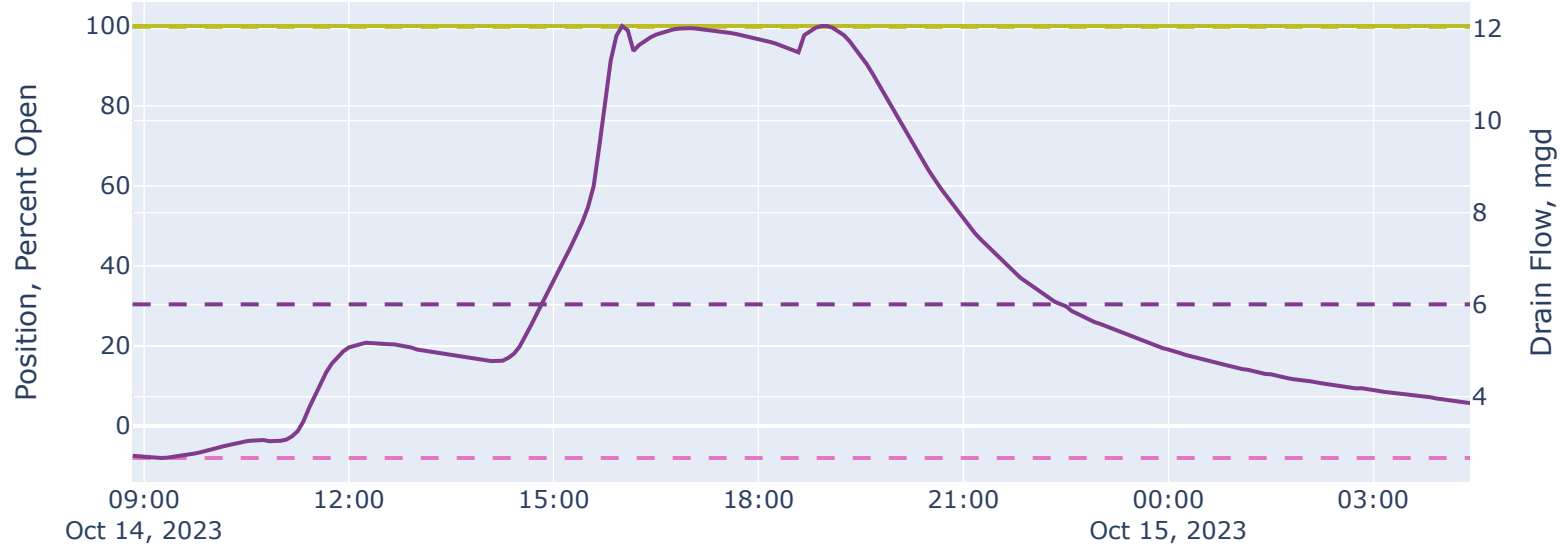
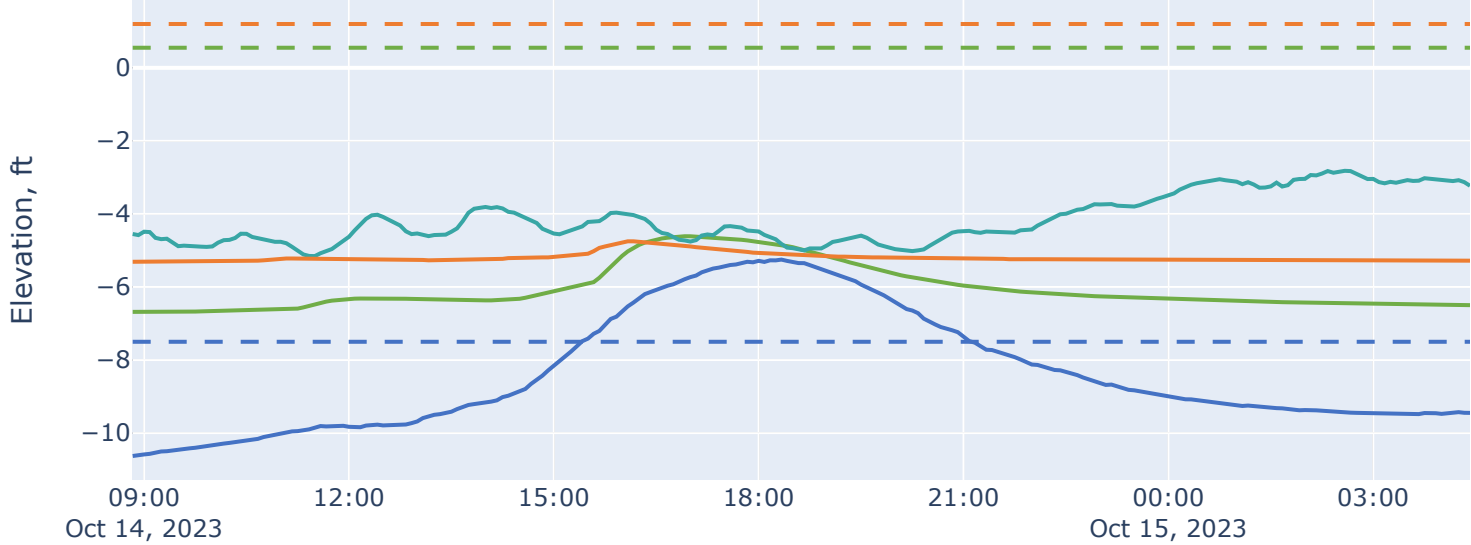
October 14, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	10/14/2023 08:50
Event End Date/Time	10/15/2023 04:25
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	3.156
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	October 14, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A

RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

RTC Sites	Smith Perry
Total Volume Captured (MG)	3.156
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

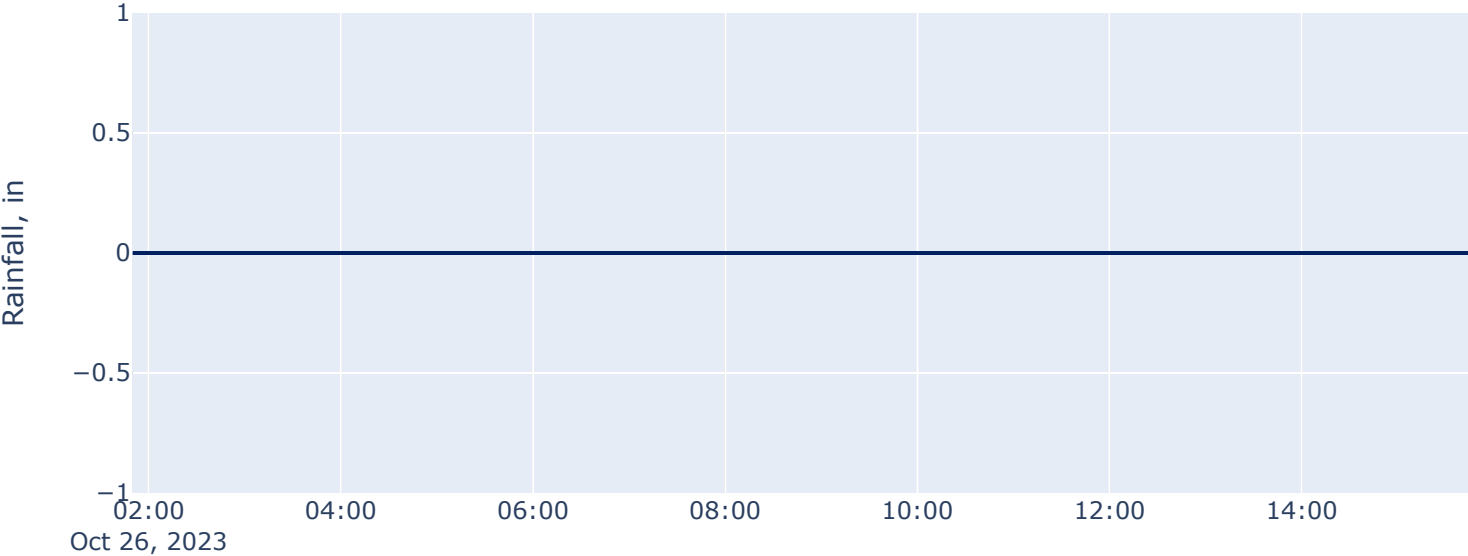
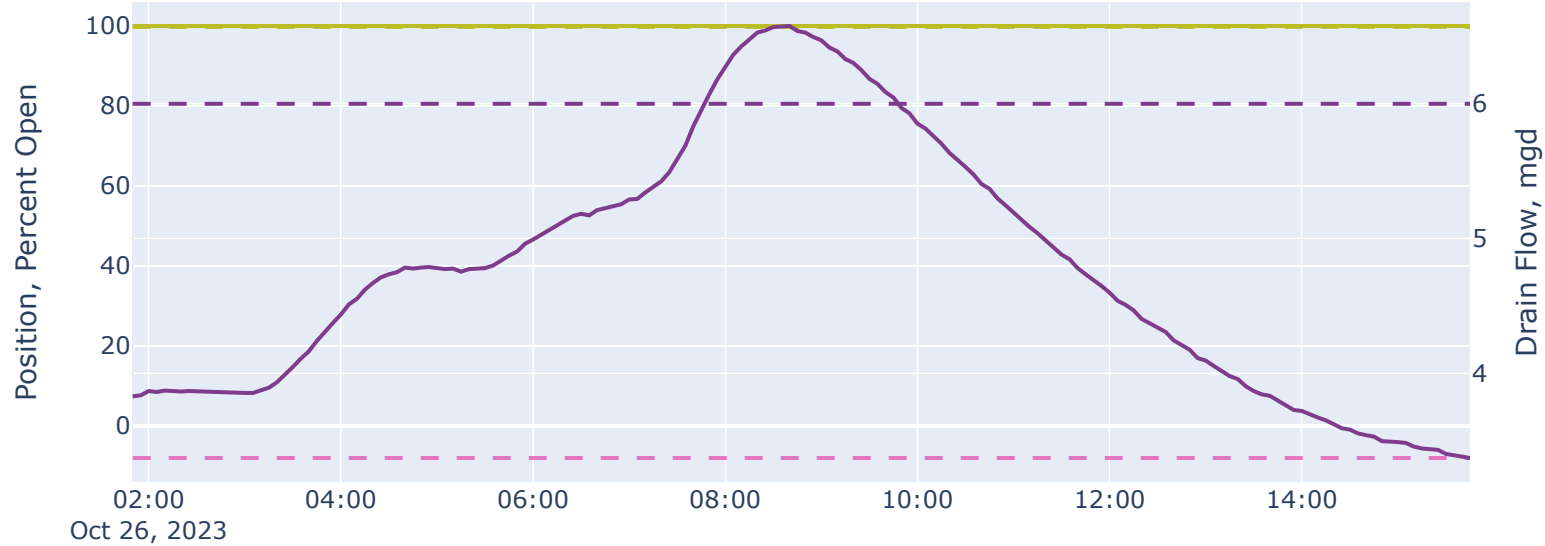
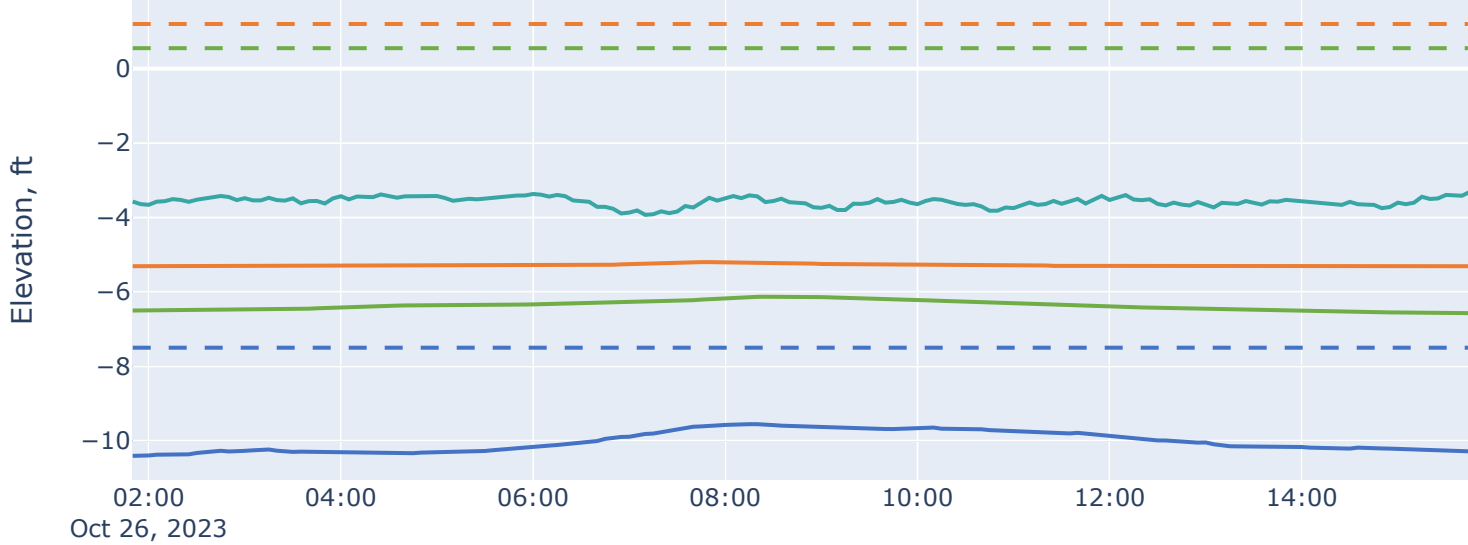
October 26, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	10/26/2023 01:50
Event End Date/Time	10/26/2023 15:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.53
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	October 26, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A

RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

RTC Sites	Smith Perry
Total Volume Captured (MG)	0.53
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

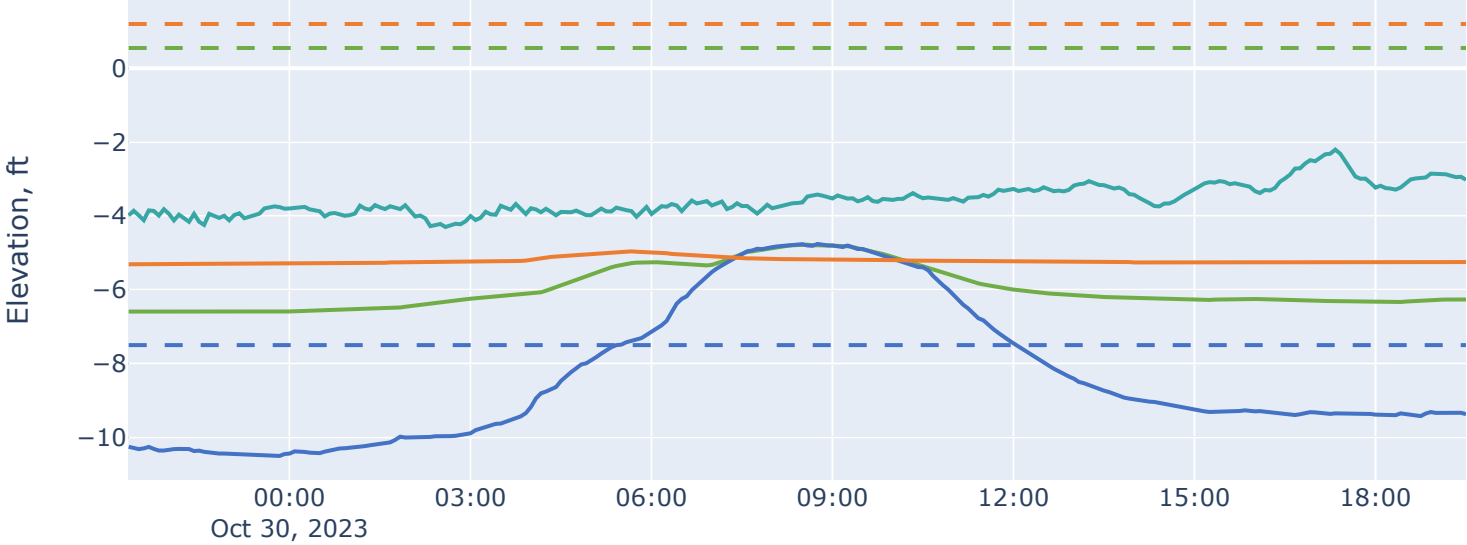


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

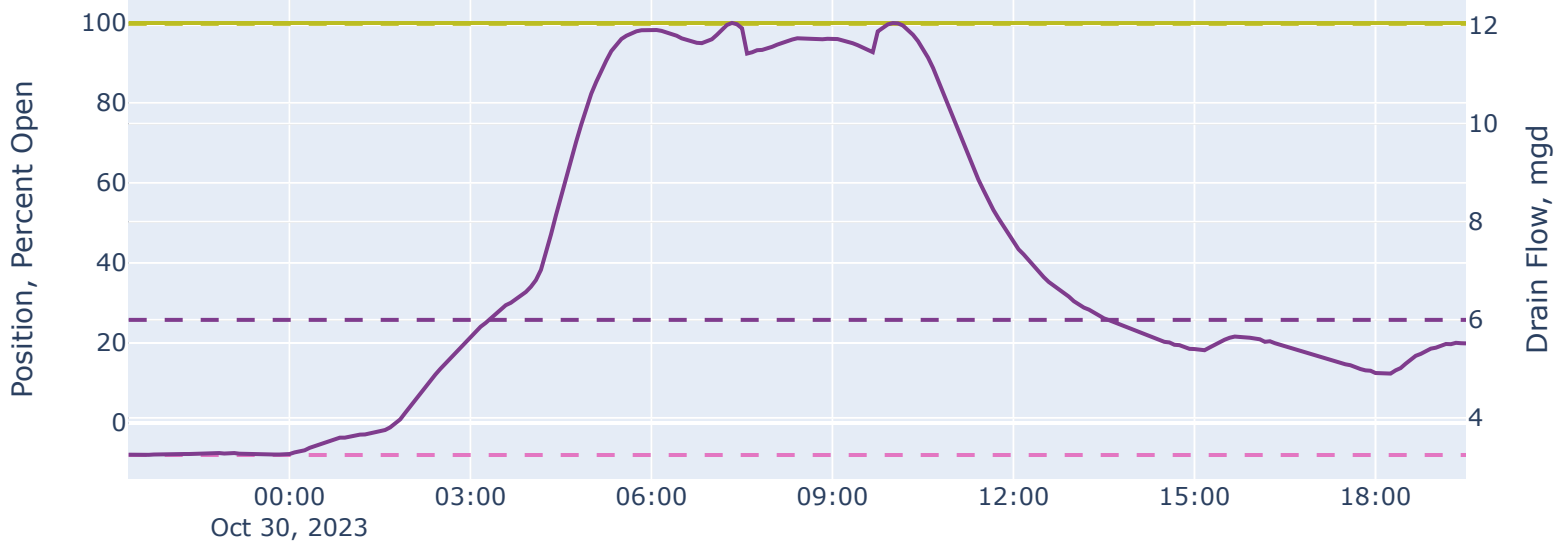
October 29, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	10/29/2023 21:20
Event End Date/Time	10/30/2023 19:30
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

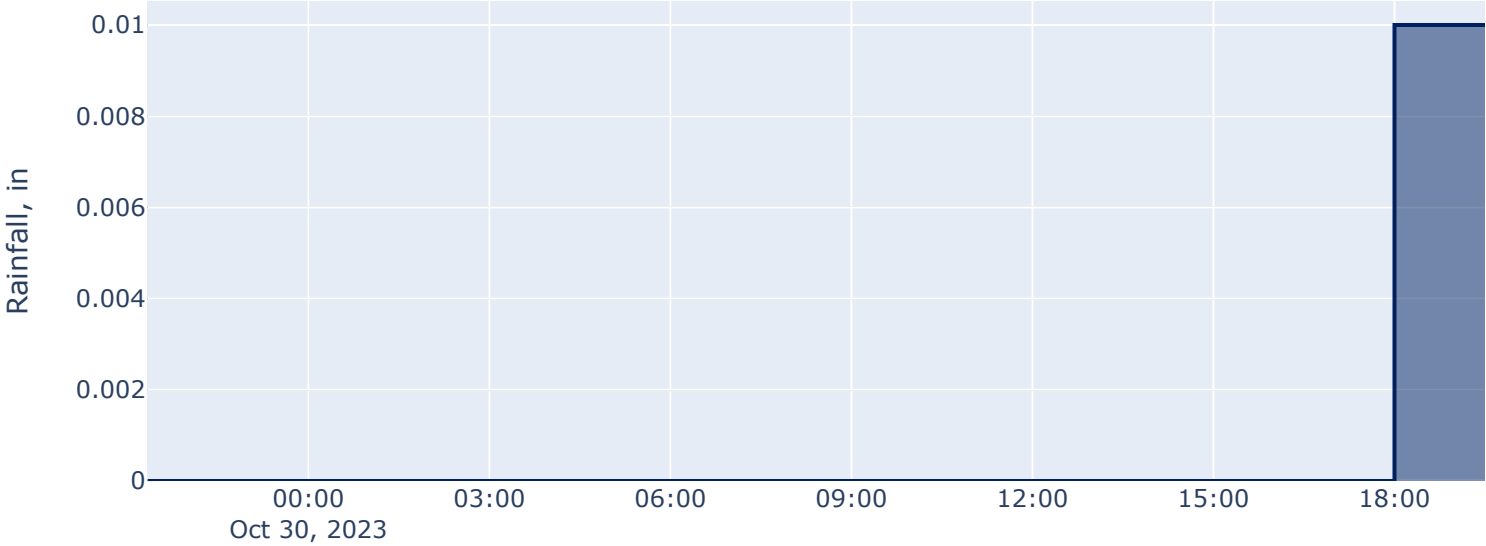
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	4.244
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	October 29, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	4.244
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

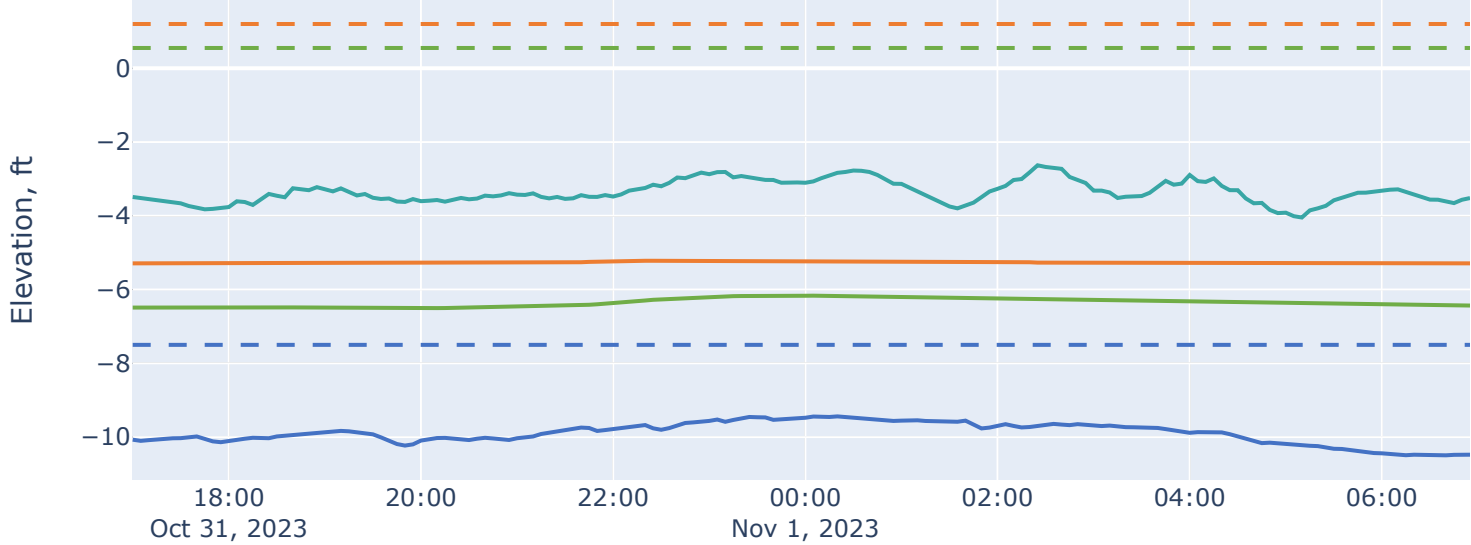


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

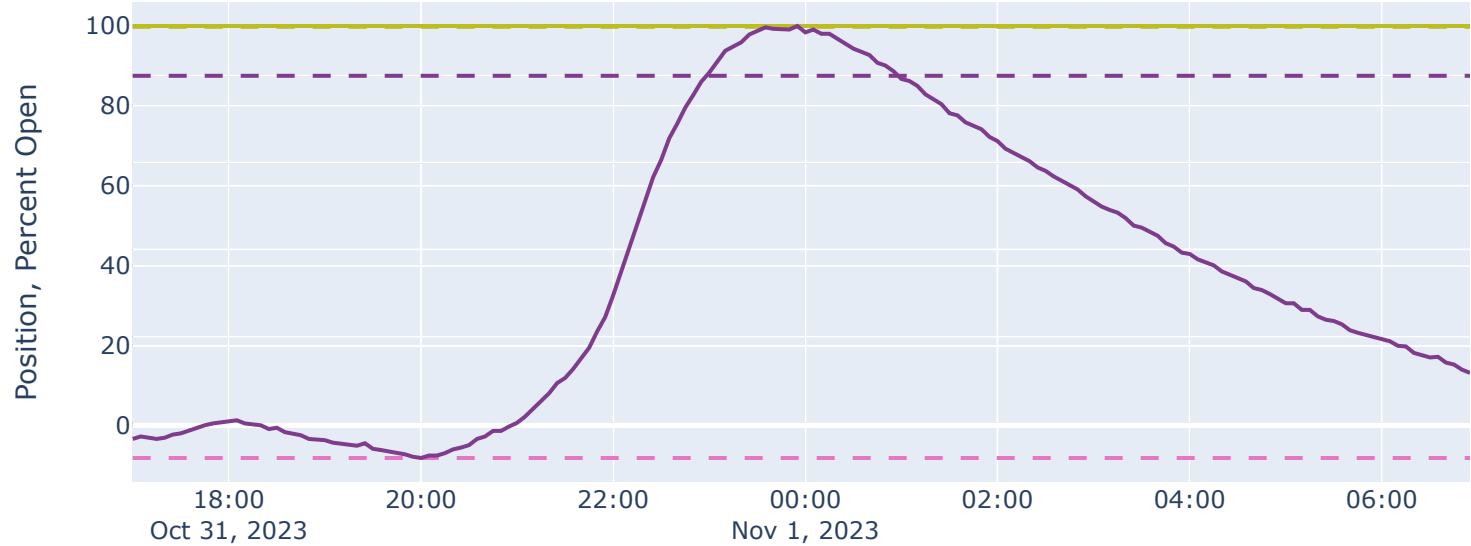
October 31, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	10/31/2023 17:00
Event End Date/Time	11/01/2023 06:55
Total Rainfall Accumulation (in)	0.05
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	7.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

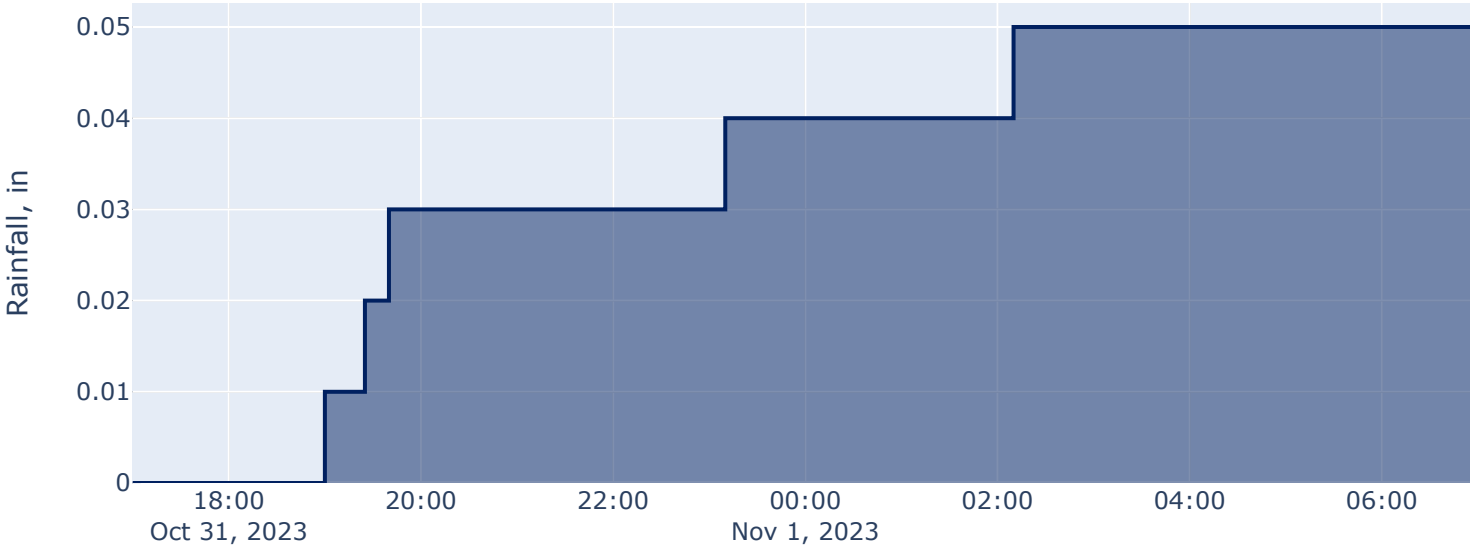
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.515
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	October 31, 2023
Data Quality	Poor
Total Rain (in)	0.05
Max Rain Intensity (in/hr)	0.12



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

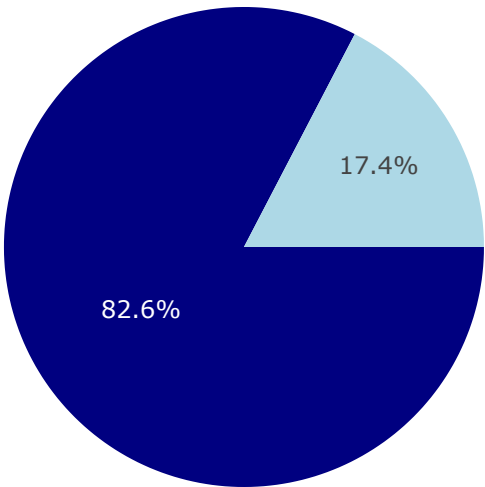
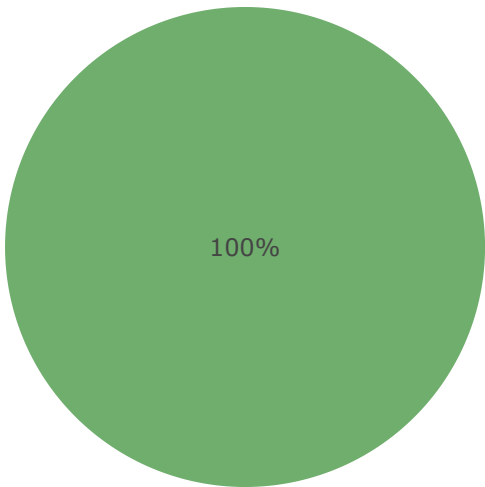


RTC Sites	Smith Perry
Total Volume Captured (MG)	0.515
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Nov2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
3	2	26.457	5.558	3.53

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
November 06, 2023	0.16	0.0	0.928	100.0	N/A	Poor
November 07, 2023	0.0	0.0	0.278	100.0	N/A	Poor
November 08, 2023	0.36	0.0	5.487	100.0	N/A	Poor
November 17, 2023	0.81	1.444	7.062	83.0	N/A	Poor
November 21, 2023	1.56	4.114	12.702	76.0	N/A	Poor

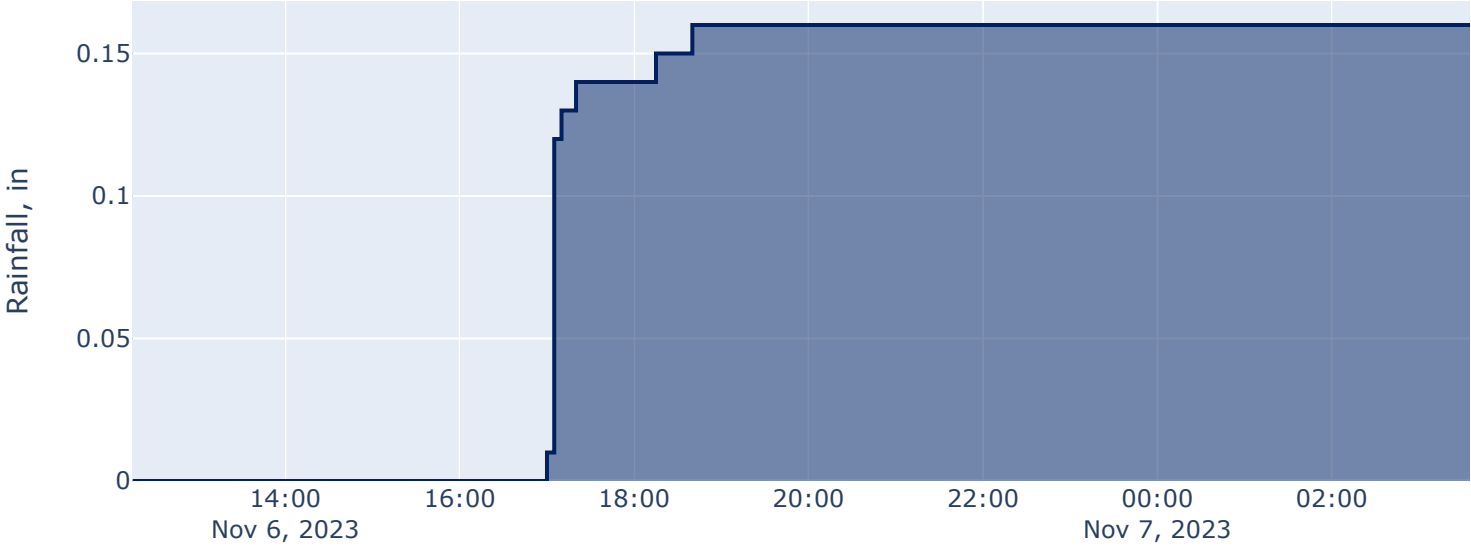
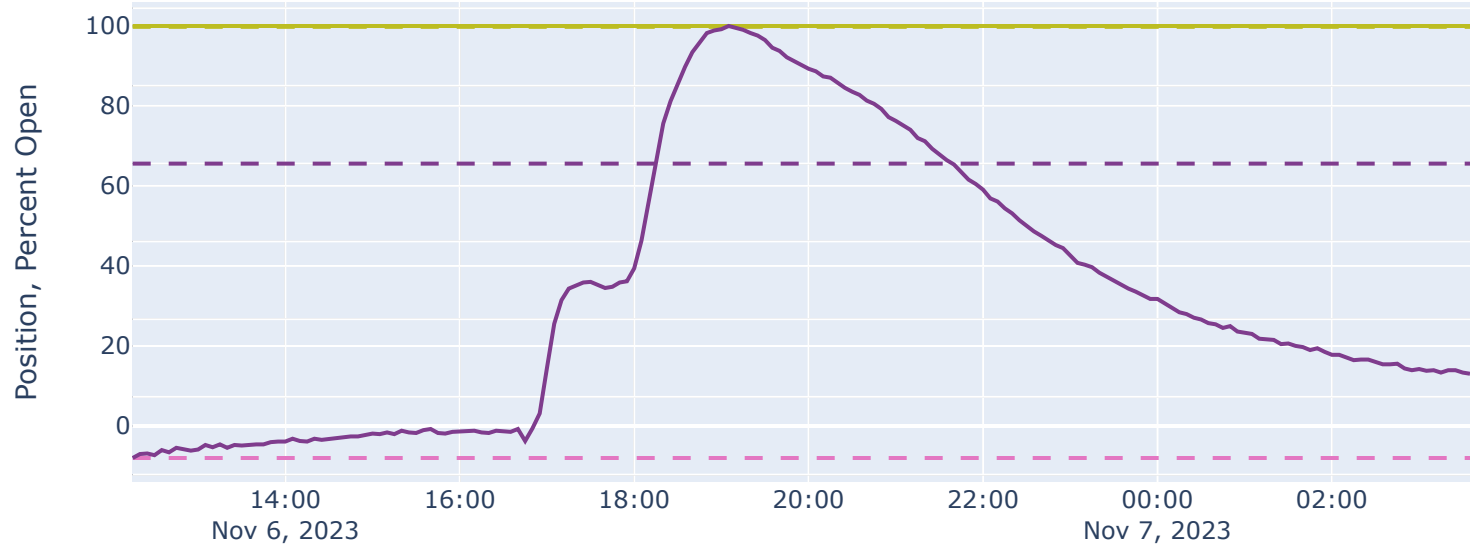
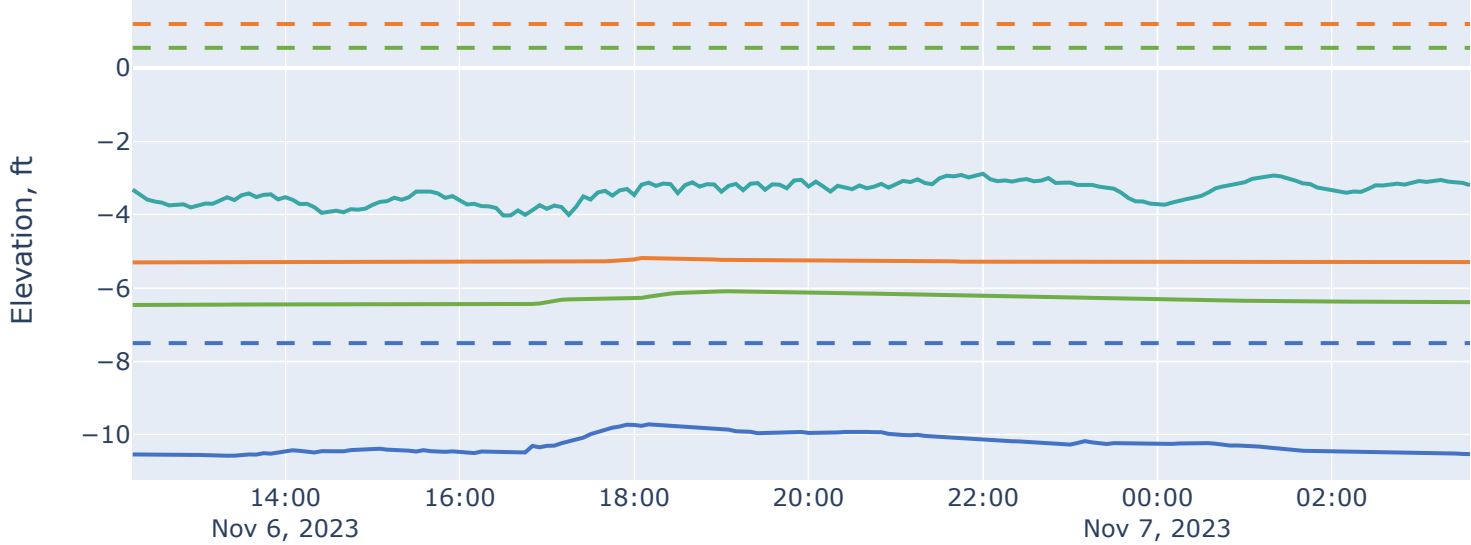
November 06, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	11/06/2023 12:15
Event End Date/Time	11/07/2023 03:35
Total Rainfall Accumulation (in)	0.16
Maximum Rainfall Intensity (in/hr)	1.32
Storm Event Duration (hr)	1.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.928
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	November 06, 2023
Data Quality	Poor
Total Rain (in)	0.16
Max Rain Intensity (in/hr)	1.32

RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

RTC Sites	Smith Perry
Total Volume Captured (MG)	0.928
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

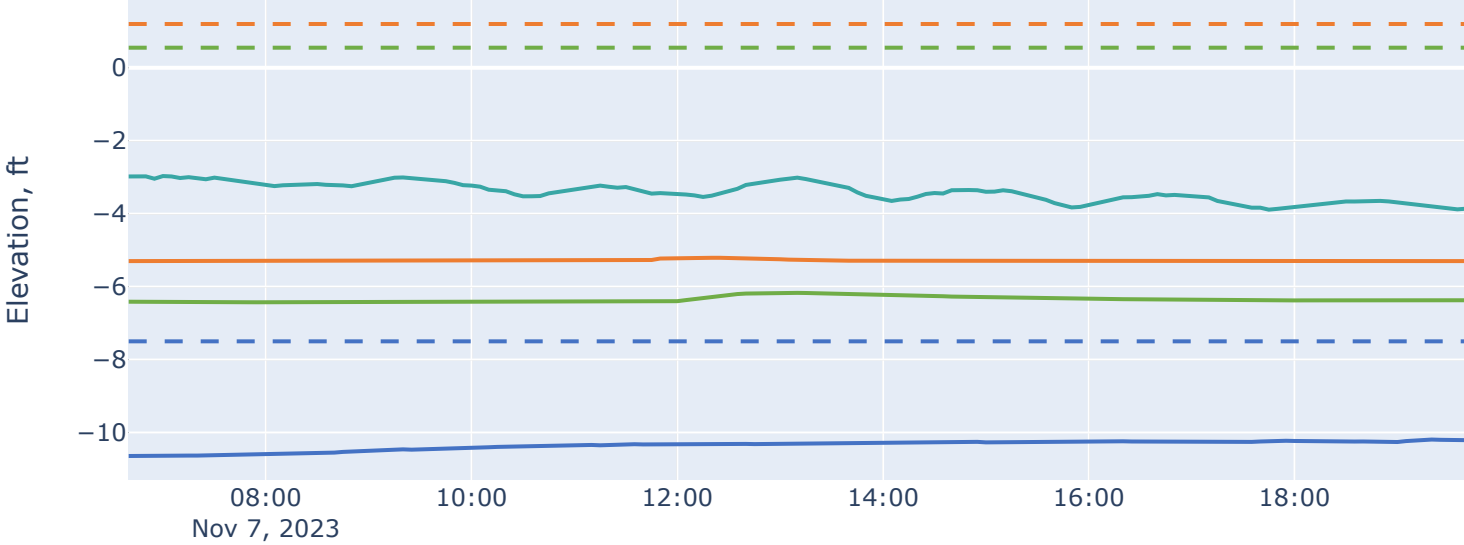


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

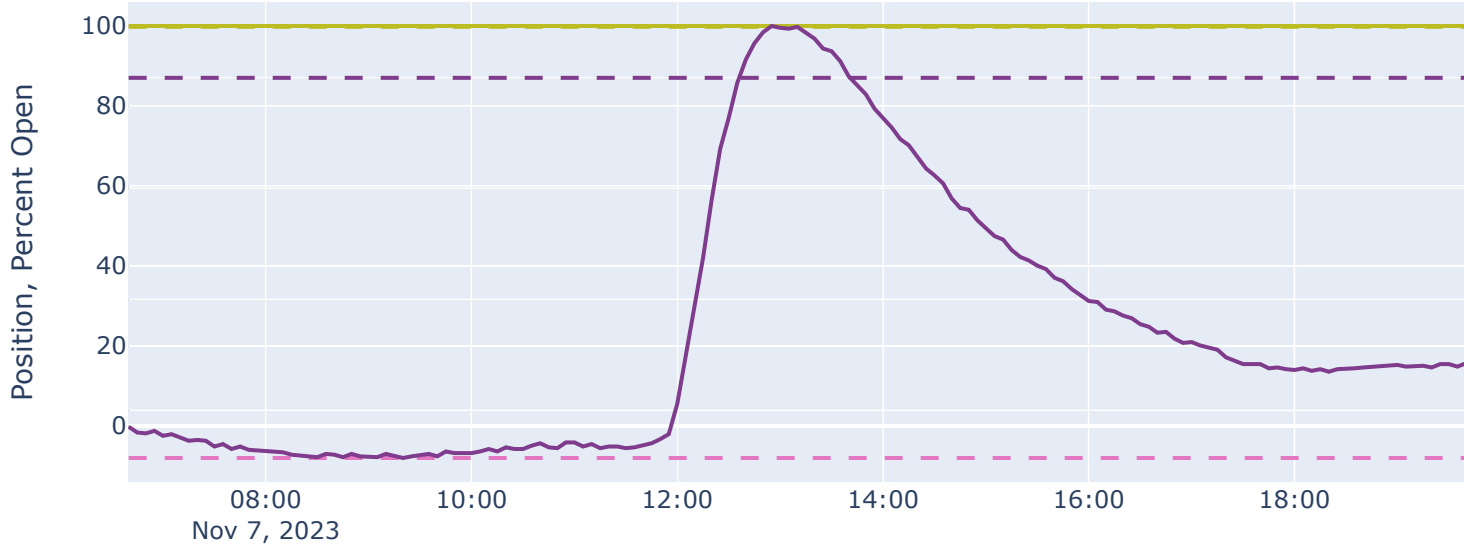
November 07, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	11/07/2023 06:40
Event End Date/Time	11/07/2023 19:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

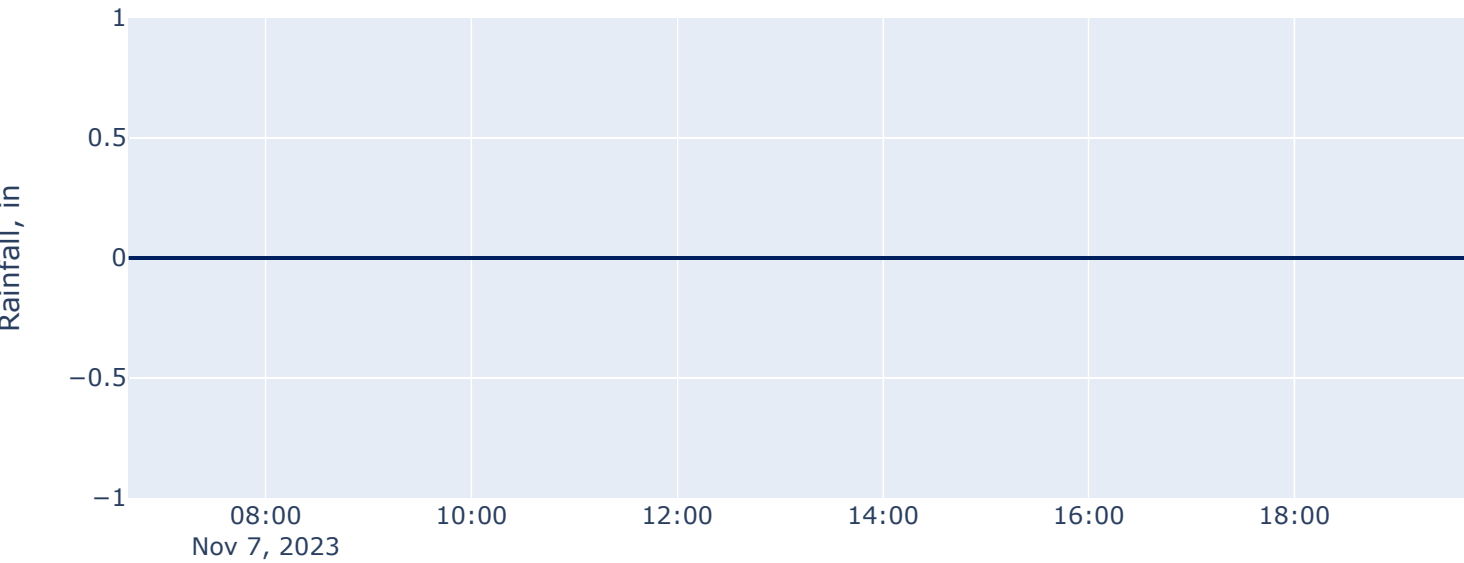
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.278
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	November 07, 2023
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	0.278
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

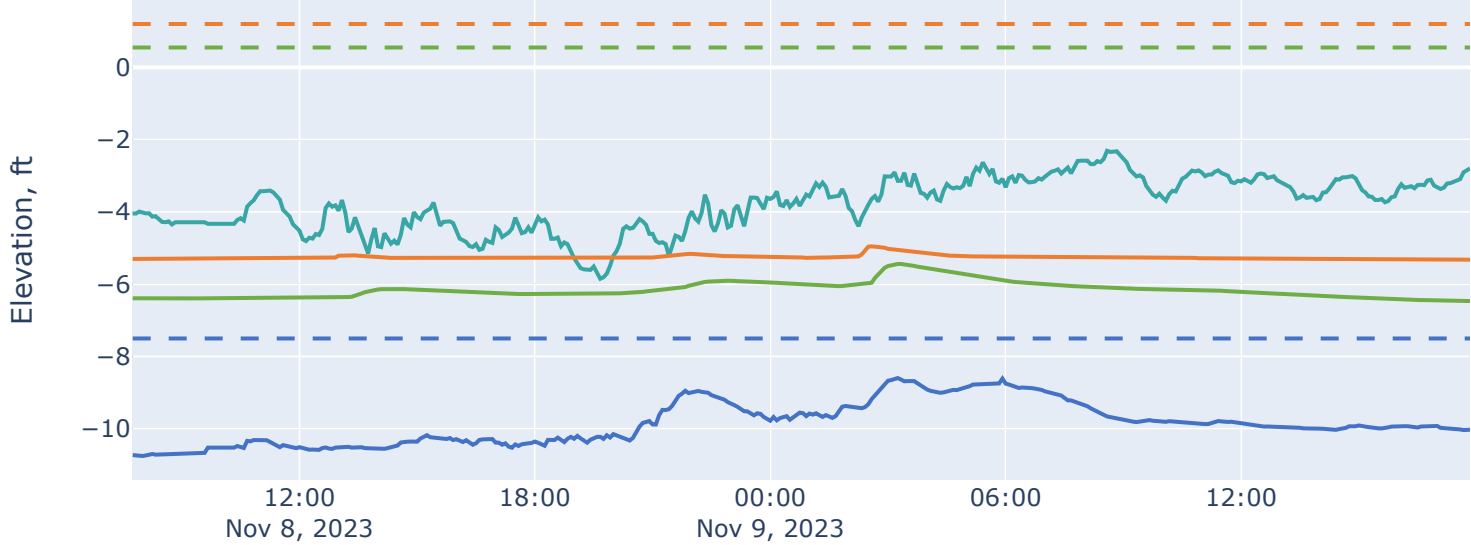


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

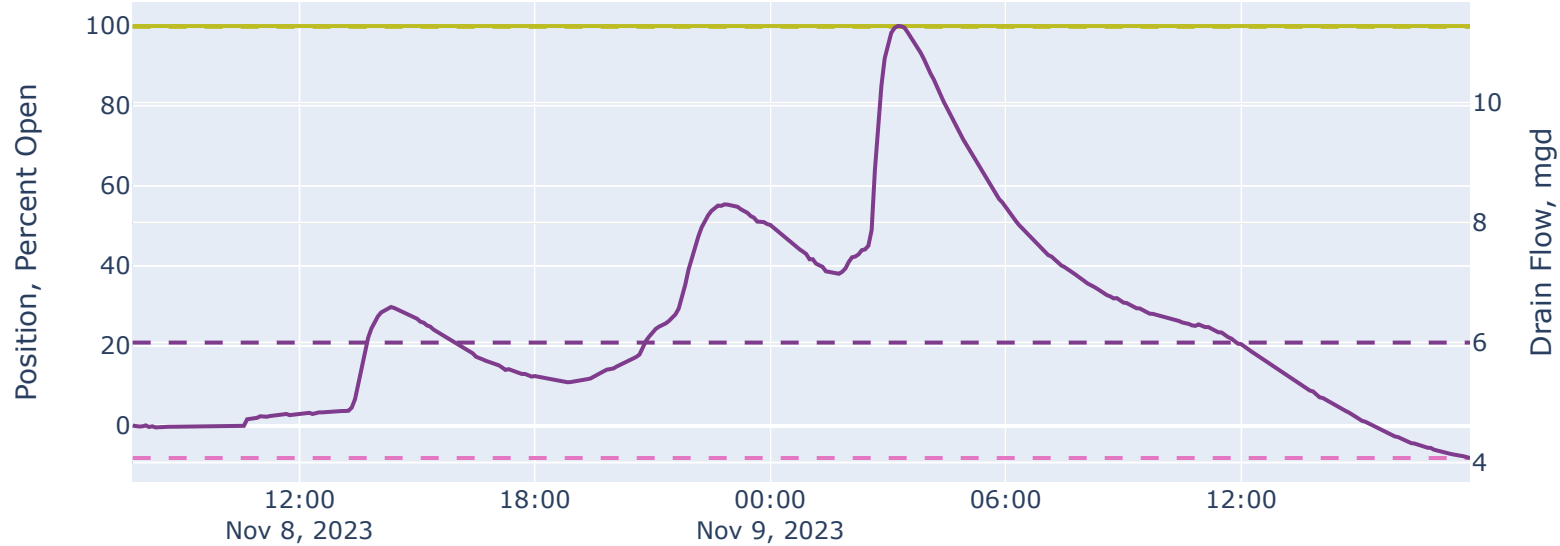
November 08, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	11/08/2023 07:45
Event End Date/Time	11/09/2023 17:50
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	9.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

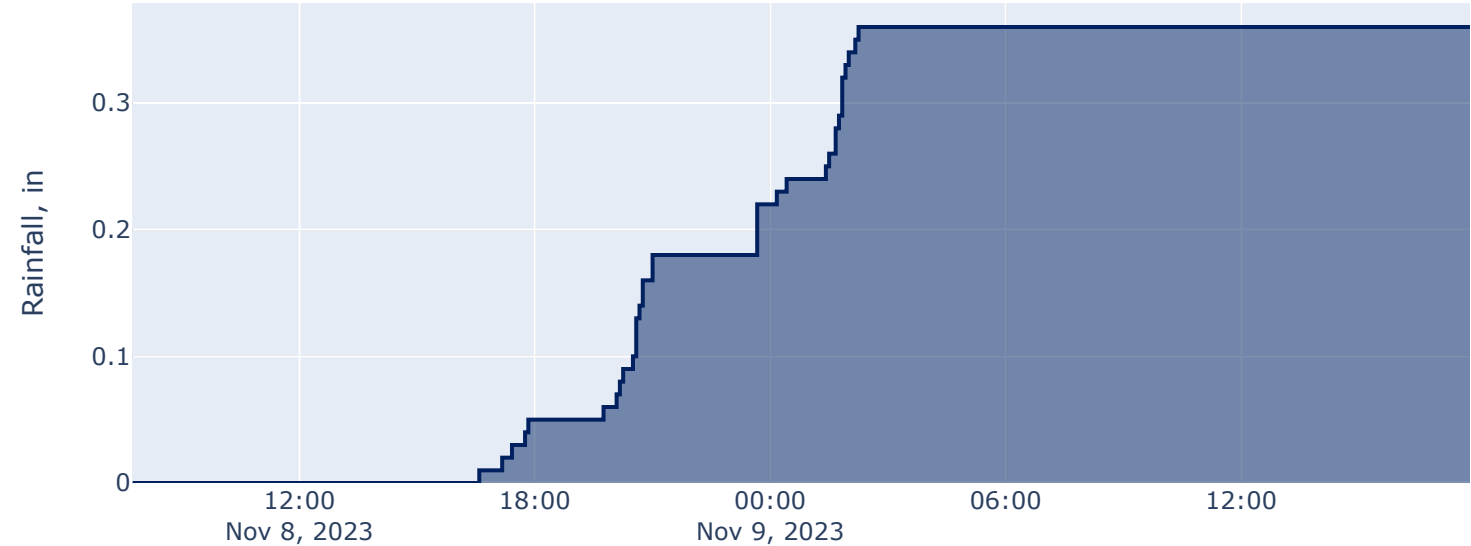
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	5.487
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	November 08, 2023
Data Quality	Poor
Total Rain (in)	0.36
Max Rain Intensity (in/hr)	0.48



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	5.487
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

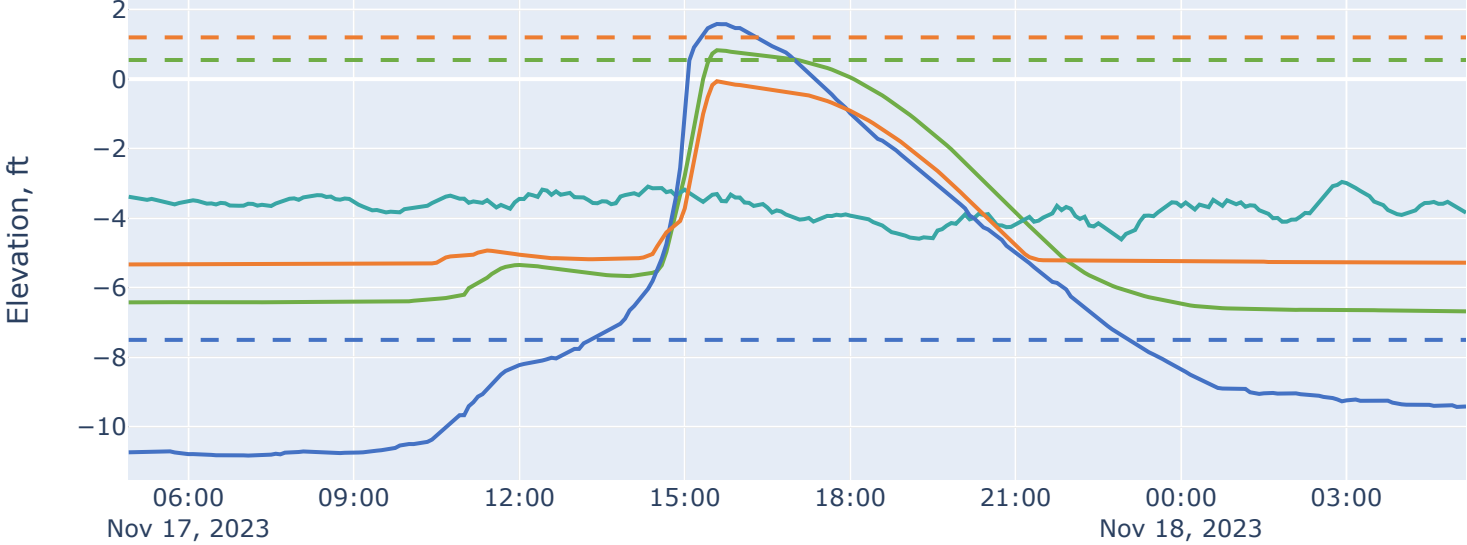


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

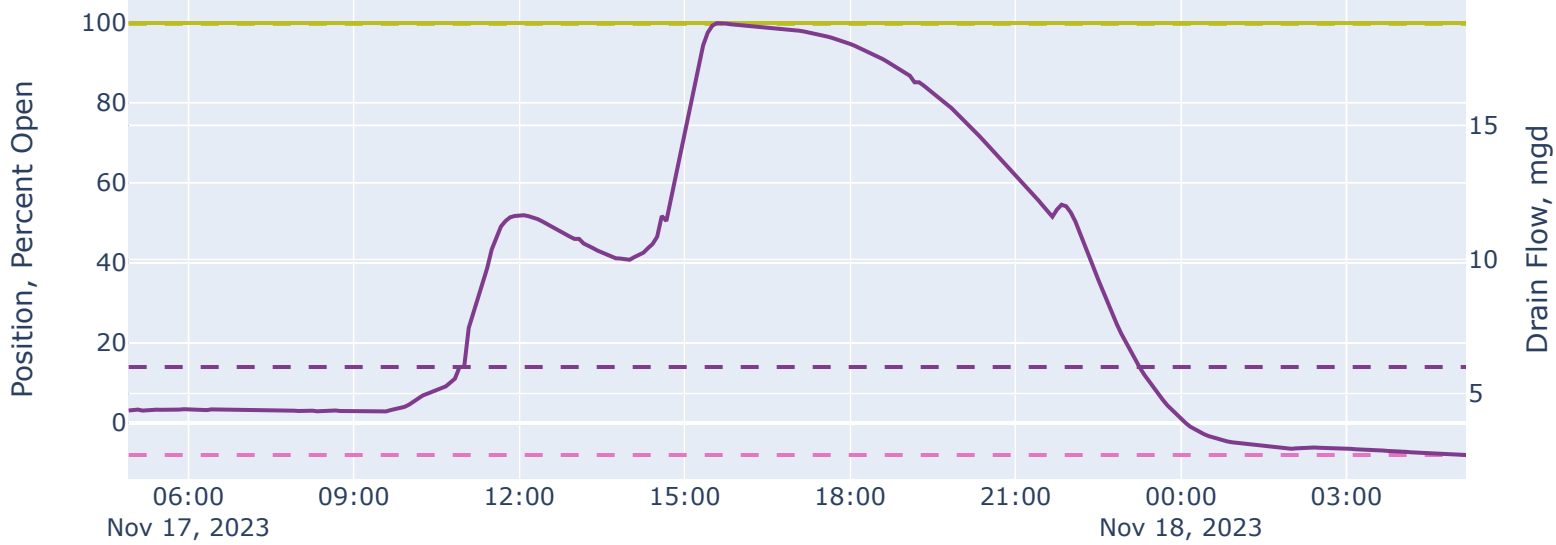
November 17, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	11/17/2023 04:55
Event End Date/Time	11/18/2023 05:10
Total Rainfall Accumulation (in)	0.81
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	7.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

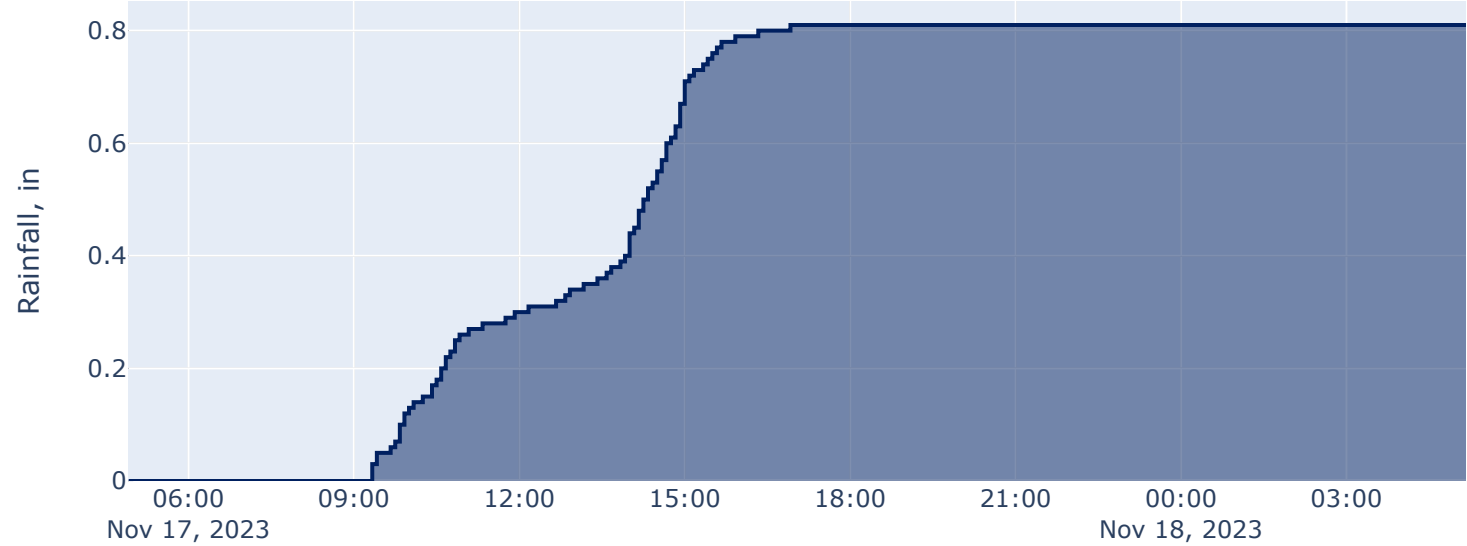
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	7.062
Overflow Before Storage Full	N/A
Overflow Volume (MG)	1.444
Overflow Duration (hr)	1.5
Event	November 17, 2023
Data Quality	Poor
Total Rain (in)	0.81
Max Rain Intensity (in/hr)	0.48



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	7.062
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

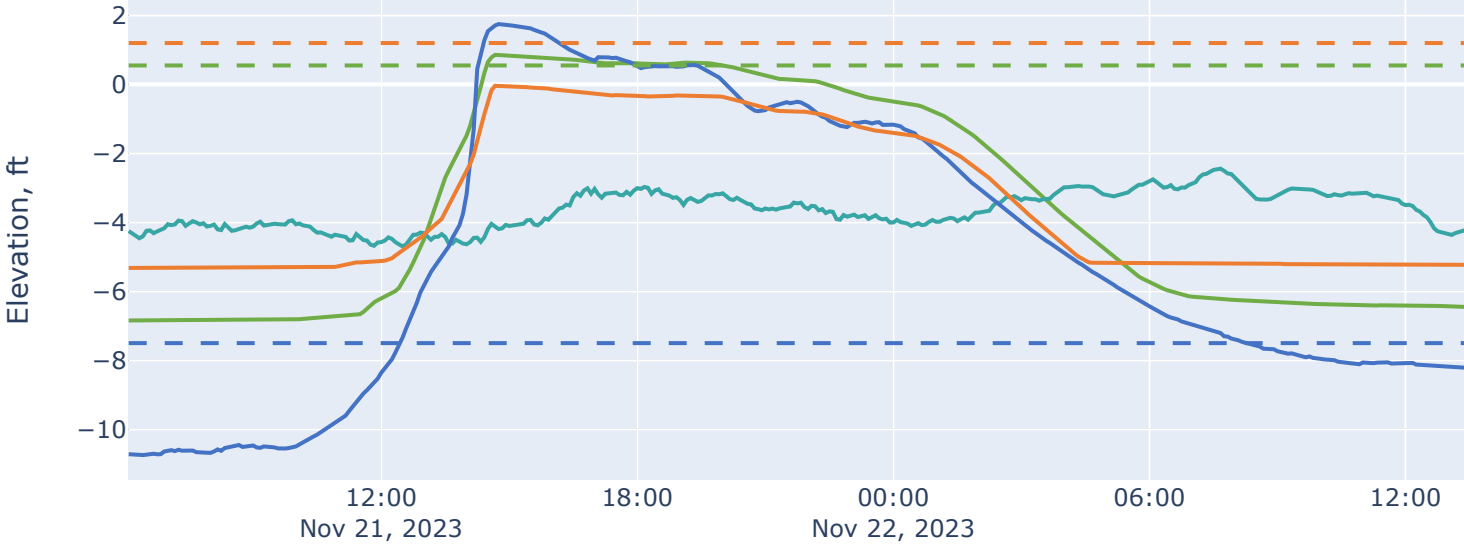


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

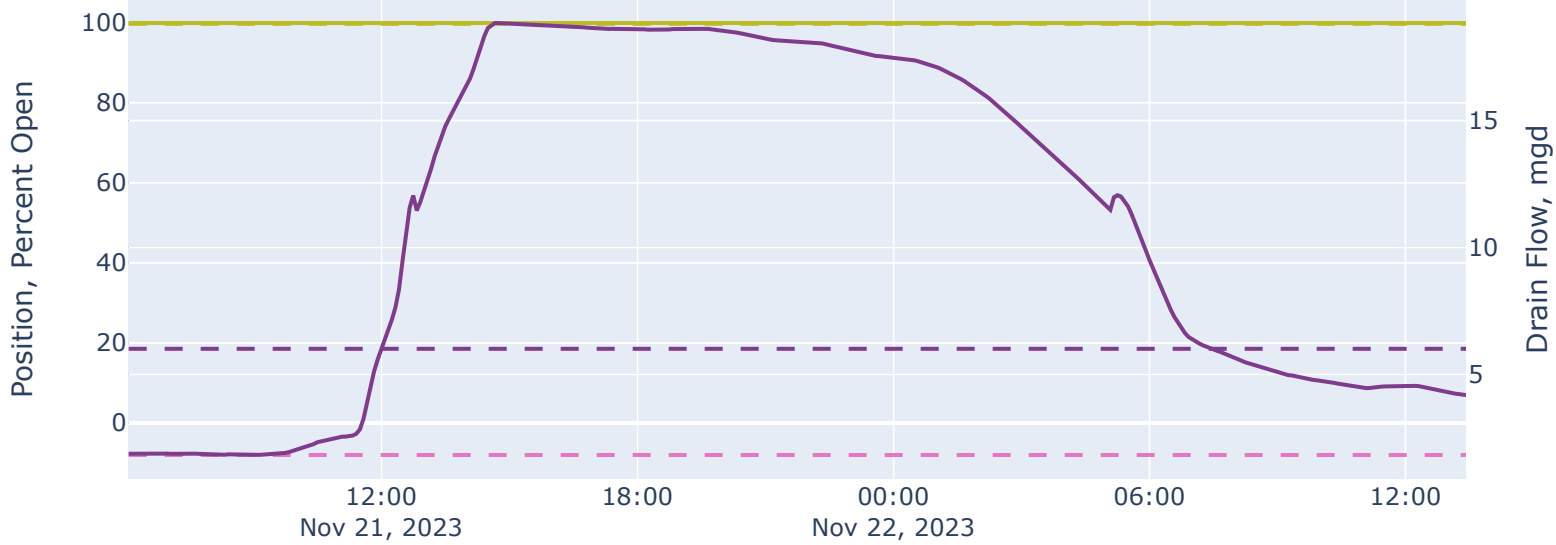
November 21, 2023 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	11/21/2023 06:05
Event End Date/Time	11/22/2023 13:25
Total Rainfall Accumulation (in)	1.56
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	24.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

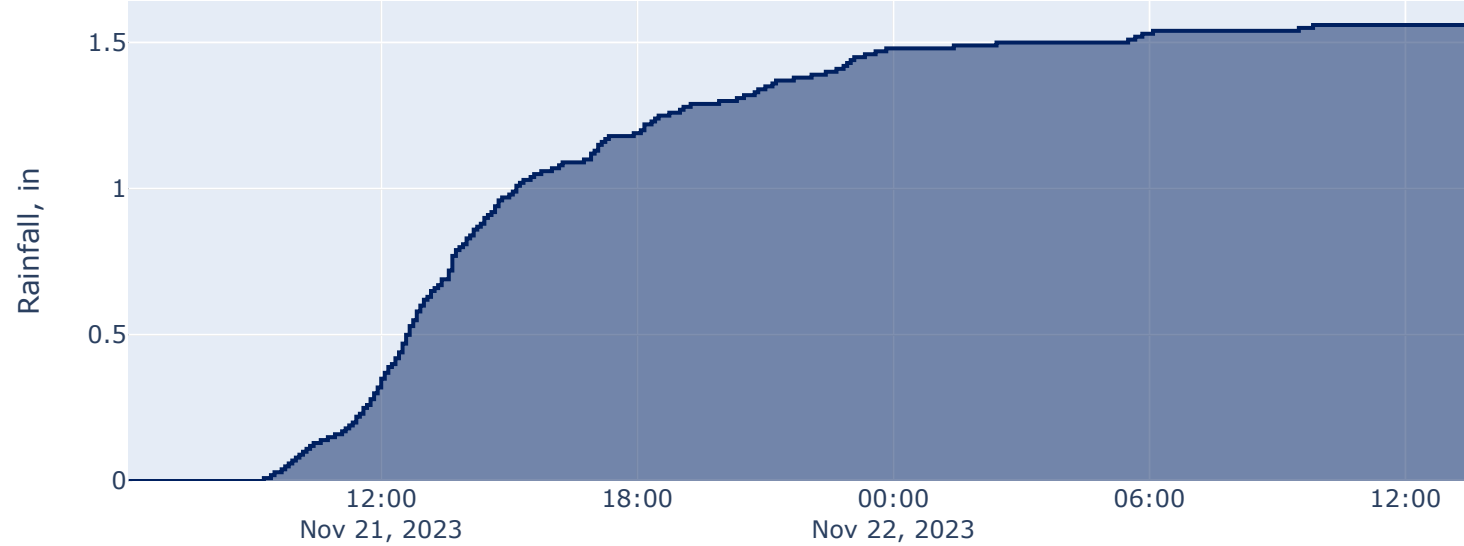
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	12.702
Overflow Before Storage Full	N/A
Overflow Volume (MG)	4.114
Overflow Duration (hr)	5.5
Event	November 21, 2023
Data Quality	Poor
Total Rain (in)	1.56
Max Rain Intensity (in/hr)	0.6



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	12.702
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Dec2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	4.23

Jan2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	4.43

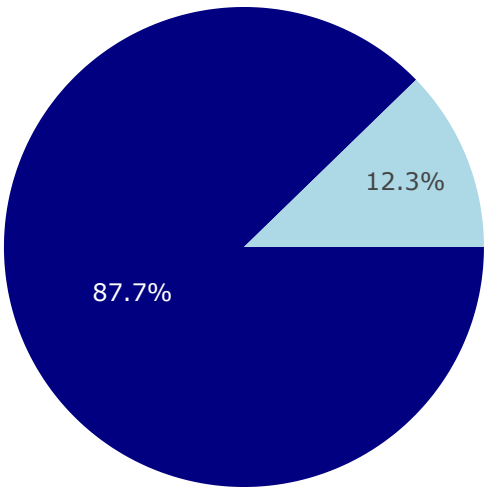
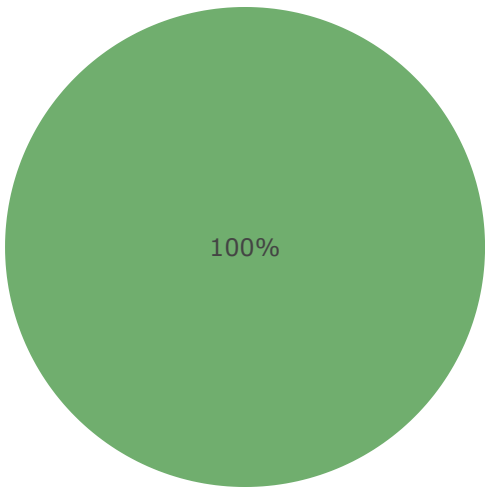
Feb2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	0.91

Mar2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	1.69

Apr2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

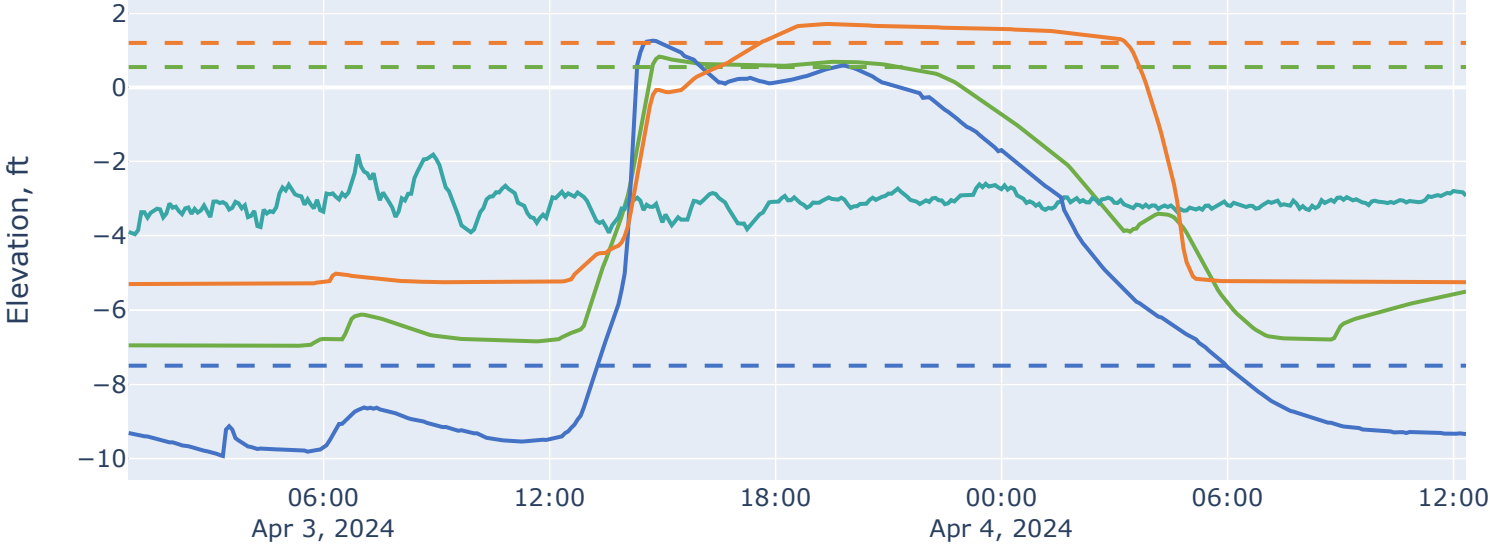
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
4	1	19.462	2.722	5.33

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
April 03, 2024	1.07	2.722	11.987	81.0	N/A	Poor
April 10, 2024	0.09	0.0	0.778	100.0	N/A	Poor
April 15, 2024	0.0	0.0	2.316	100.0	N/A	Poor
April 17, 2024	0.64	0.0	3.897	100.0	N/A	Poor
April 18, 2024	0.02	0.0	0.484	100.0	N/A	Poor

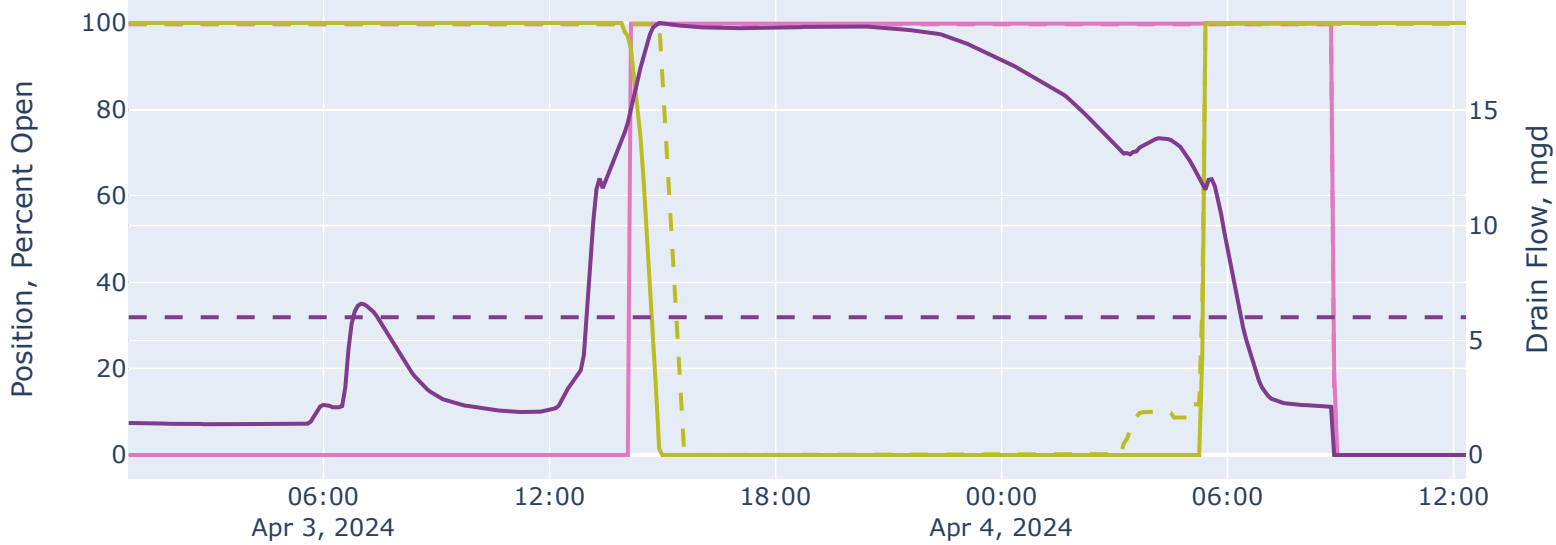
April 03, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	04/03/2024 00:50
Event End Date/Time	04/04/2024 12:20
Total Rainfall Accumulation (in)	1.07
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	18.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

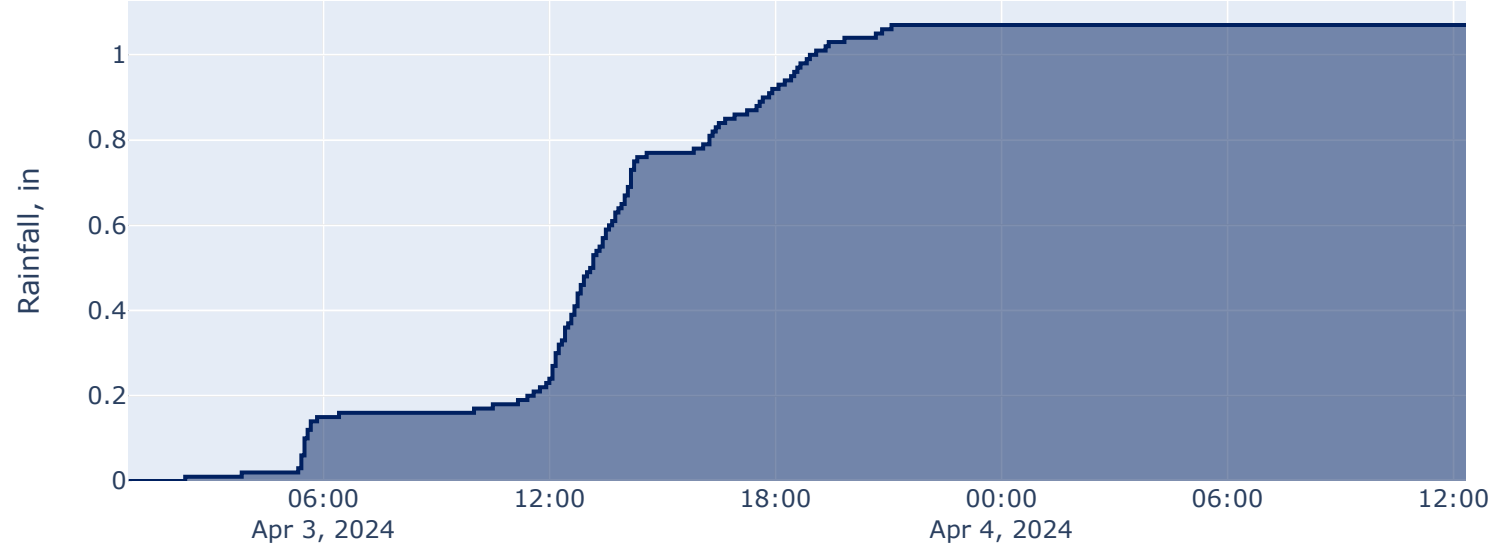
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	11.987
Overflow Before Storage Full	N/A
Overflow Volume (MG)	2.722
Overflow Duration (hr)	6.58
Event	April 03, 2024
Data Quality	Poor
Total Rain (in)	1.07
Max Rain Intensity (in/hr)	0.48



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-2.38	-9.04	-3.48	0.83
Site Depth at Activation (ft)	0.0	0.0	0.0	0.0
Site Return to Normal Depth (ft)	0.0	N/A	0.0	0.0
Time Activated	04/03/2024 14:10	04/04/2024 08:45	04/03/2024 13:55	04/03/2024 14:55
Time Returned to Normal	04/04/2024 12:20	N/A	04/04/2024 05:25	04/04/2024 05:25



RTC Sites	Smith Perry
Total Volume Captured (MG)	11.987
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

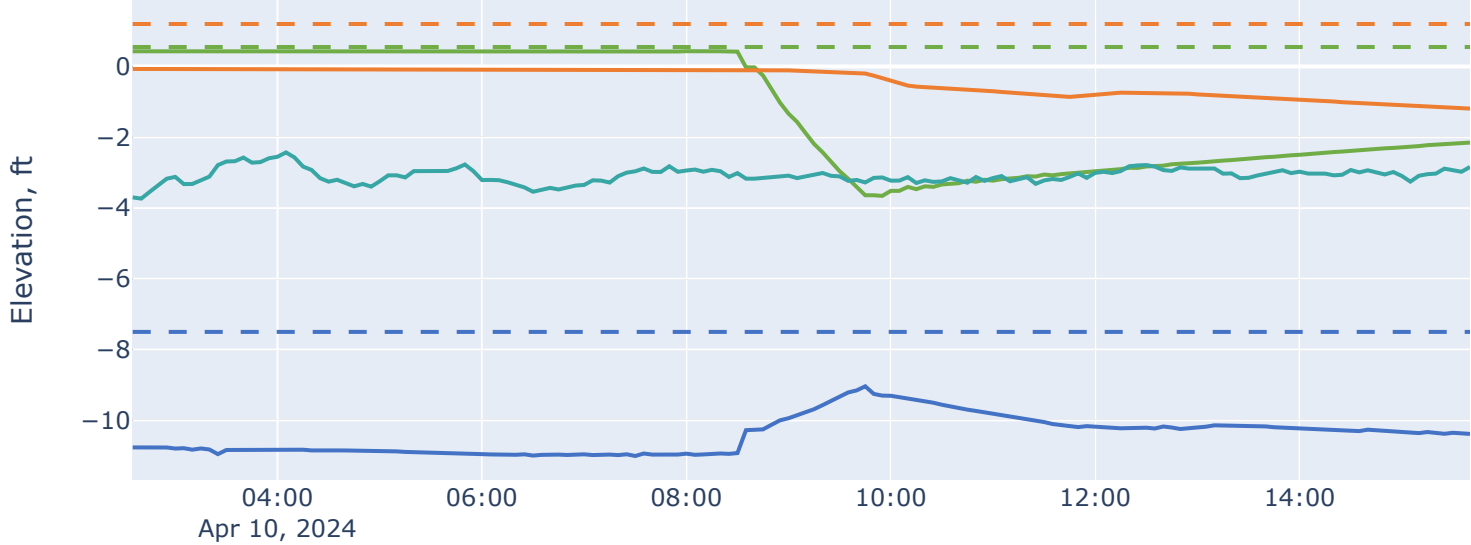


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

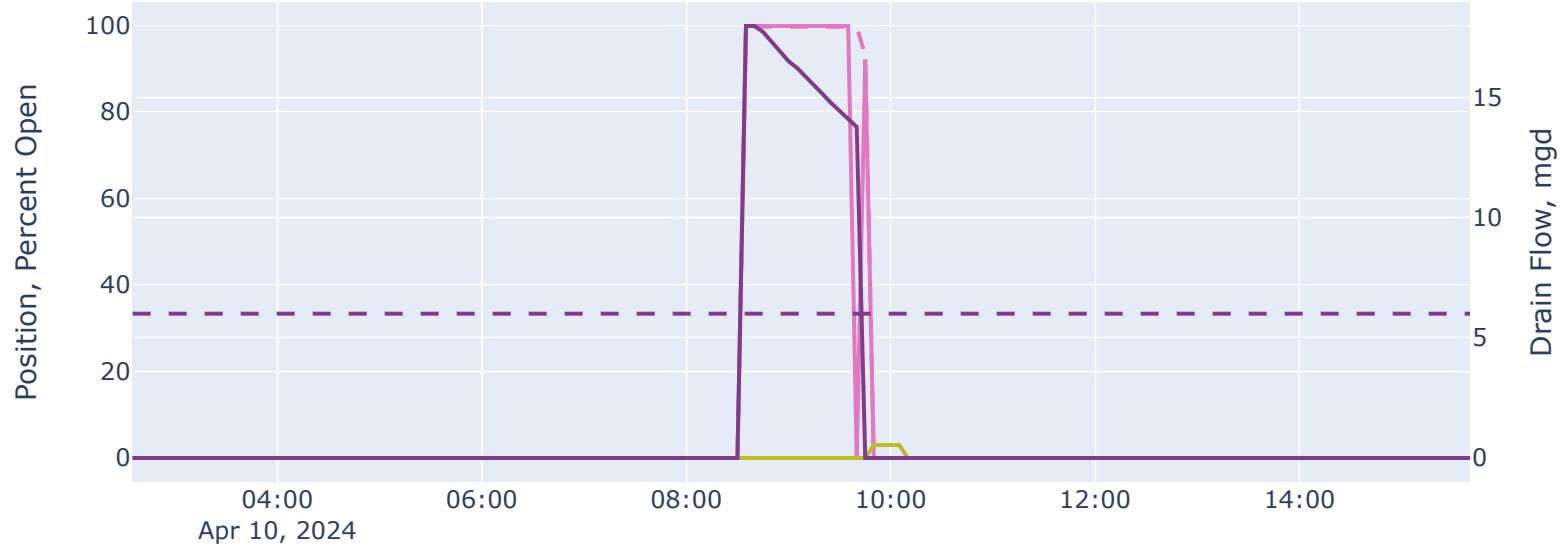
April 10, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	04/10/2024 02:35
Event End Date/Time	04/10/2024 15:40
Total Rainfall Accumulation (in)	0.09
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	1.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

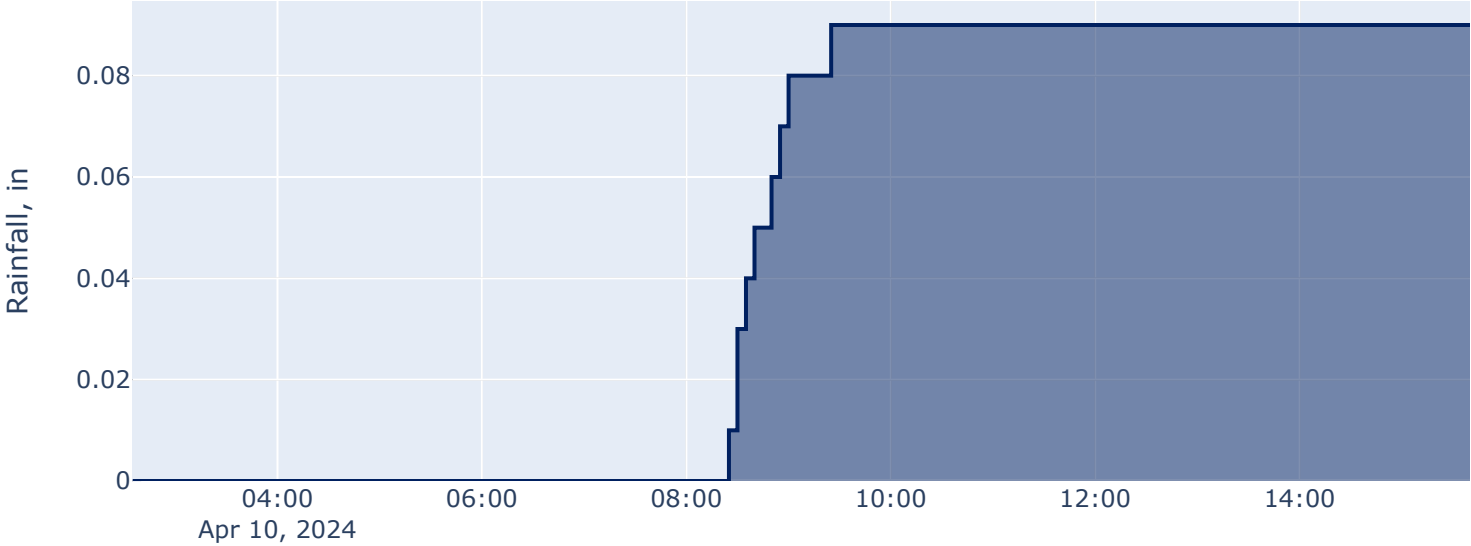
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.778
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	April 10, 2024
Data Quality	Poor
Total Rain (in)	0.09
Max Rain Intensity (in/hr)	0.24



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-10.28	-10.28	N/A	N/A
Site Depth at Activation (ft)	0.0	0.0	N/A	N/A
Site Return to Normal Depth (ft)	0.0	0.0	N/A	N/A
Time Activated	04/10/2024 08:35	04/10/2024 08:35	N/A	N/A
Time Returned to Normal	04/10/2024 15:40	04/10/2024 15:35	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	0.778
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

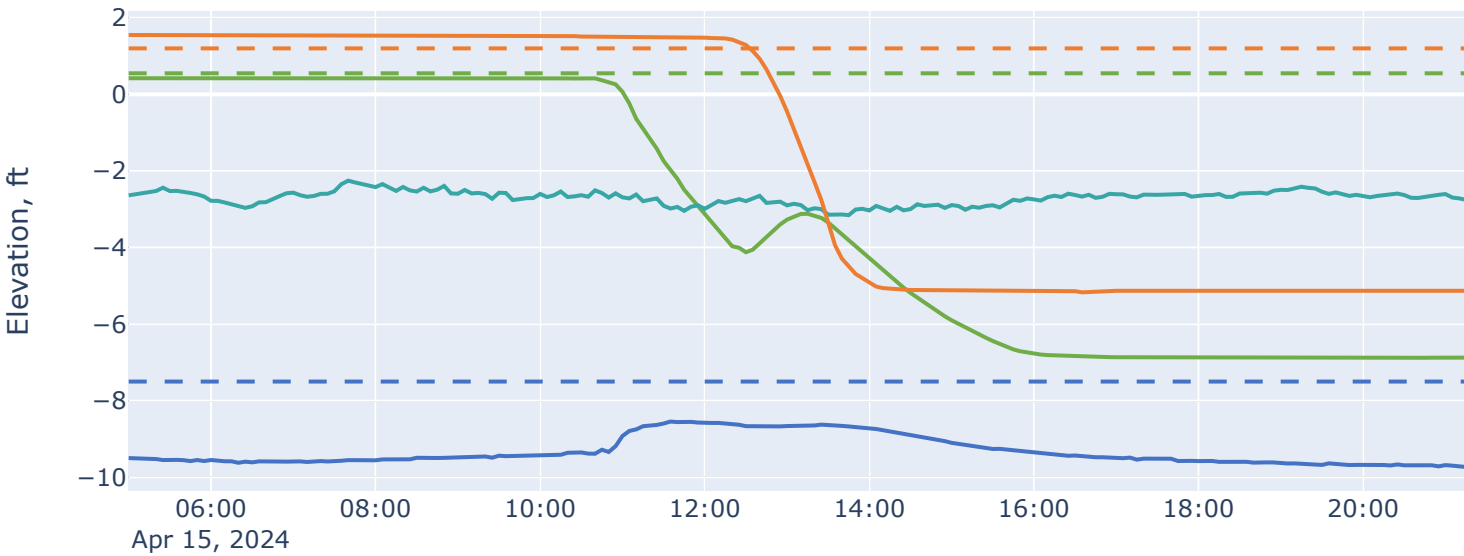


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

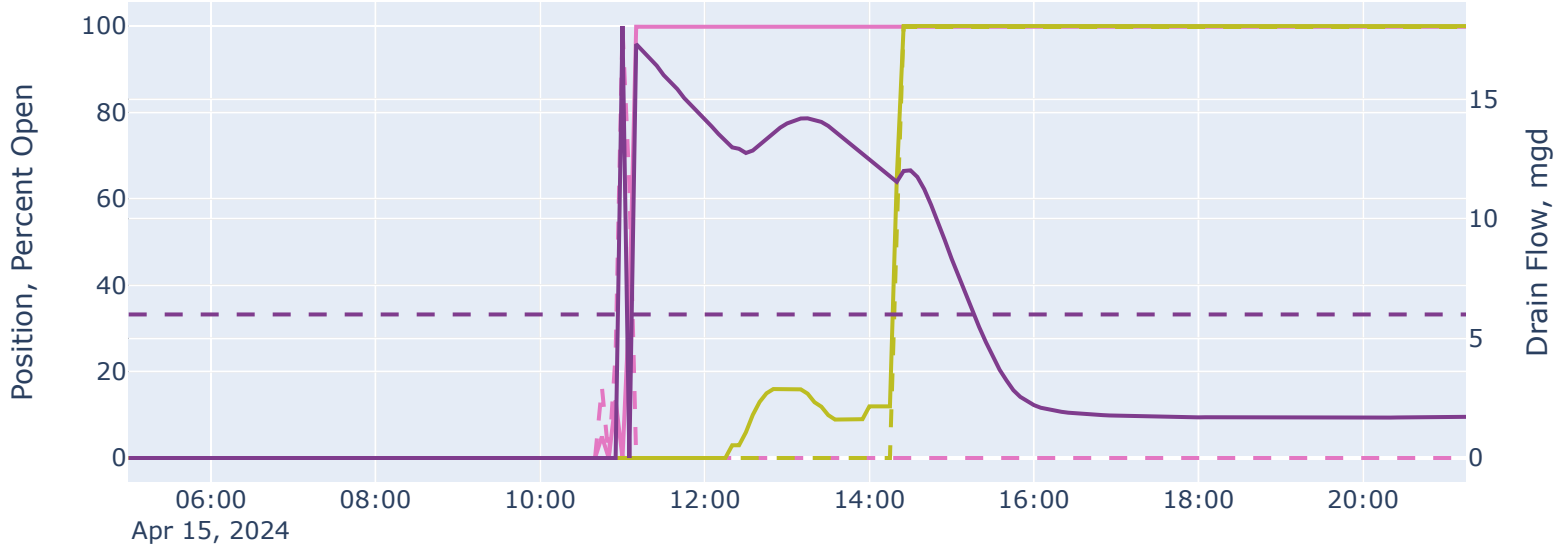
April 15, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	04/15/2024 05:00
Event End Date/Time	04/15/2024 21:15
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

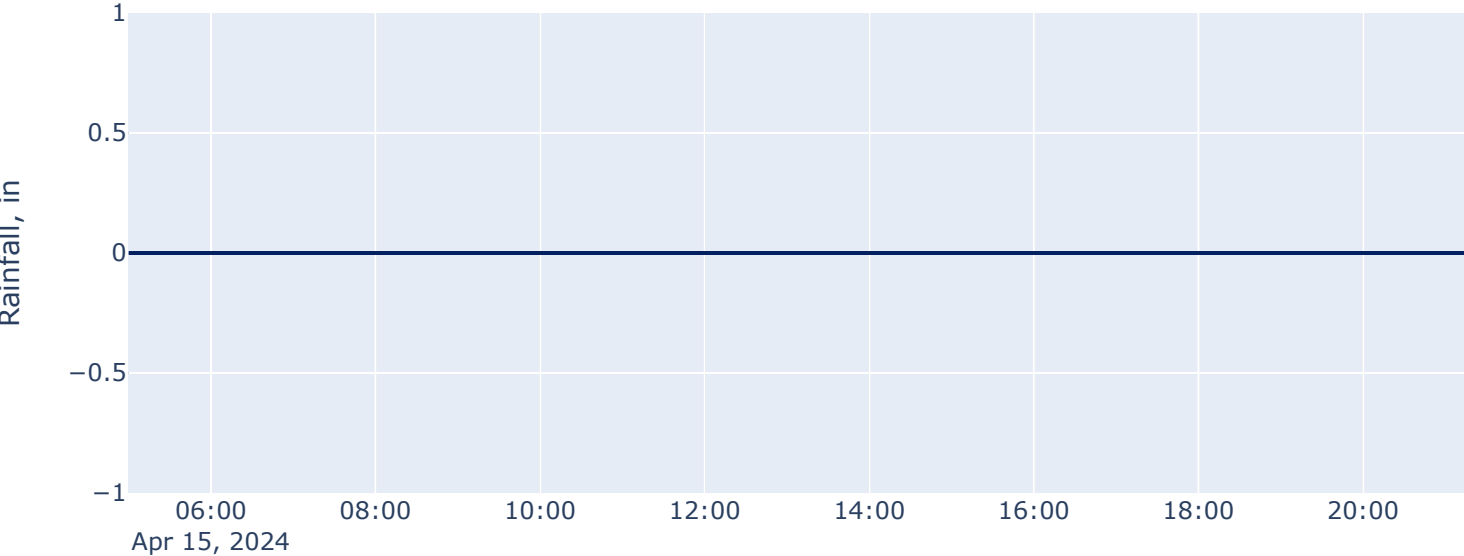
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	2.316
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	April 15, 2024
Data Quality	Poor
Total Rain (in)	0.0
Max Rain Intensity (in/hr)	N/A



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-8.75	-8.92	-5.05	-5.05
Site Depth at Activation (ft)	0.0	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	0.0	N/A	N/A
Time Activated	04/15/2024 11:10	04/15/2024 11:00	04/15/2024 14:25	04/15/2024 14:25
Time Returned to Normal	N/A	04/15/2024 21:15	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	2.316
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

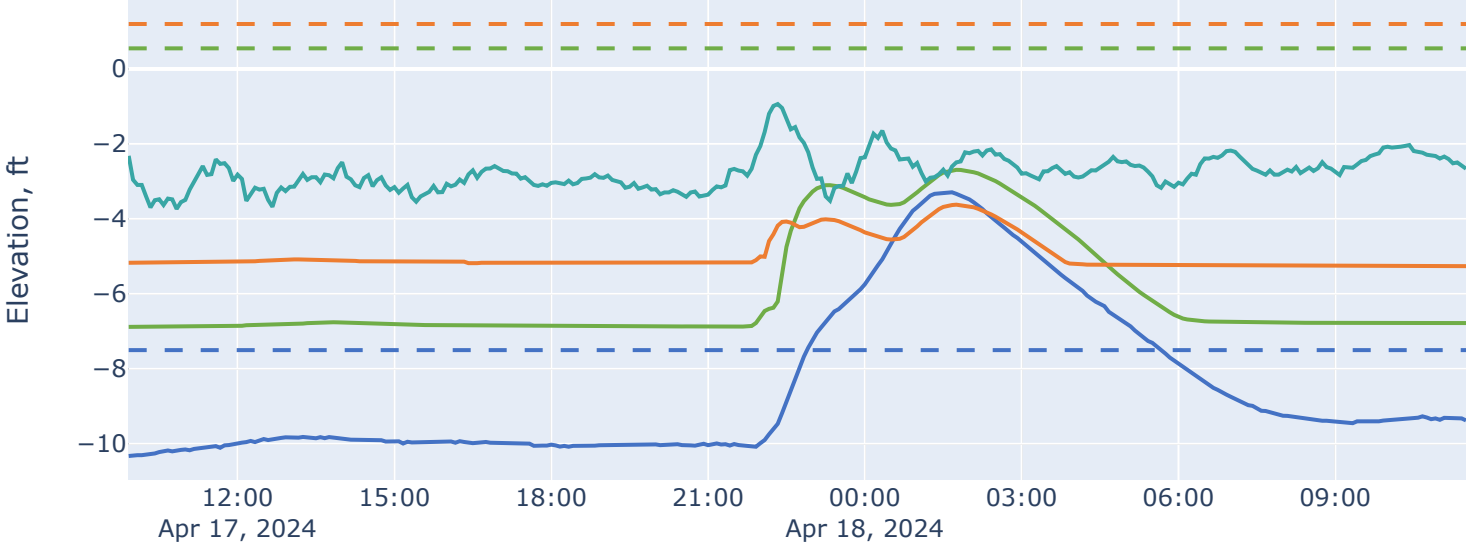


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

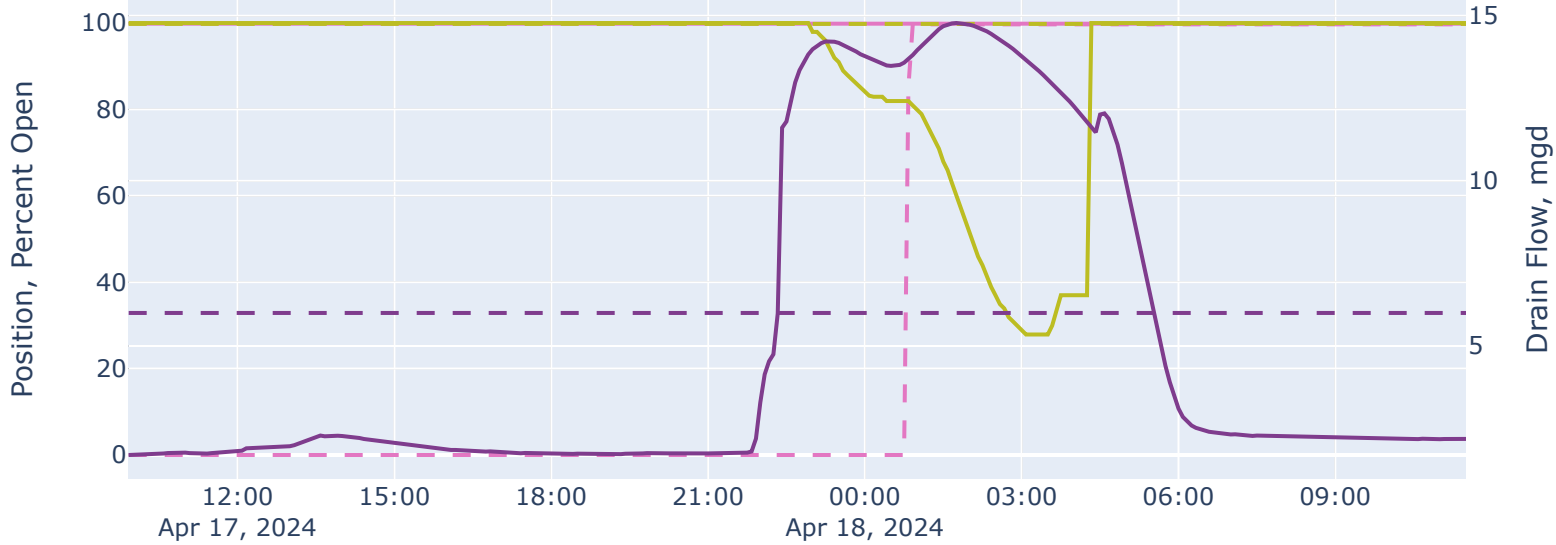
April 17, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	04/17/2024 09:55
Event End Date/Time	04/18/2024 11:30
Total Rainfall Accumulation (in)	0.64
Maximum Rainfall Intensity (in/hr)	1.44
Storm Event Duration (hr)	4.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

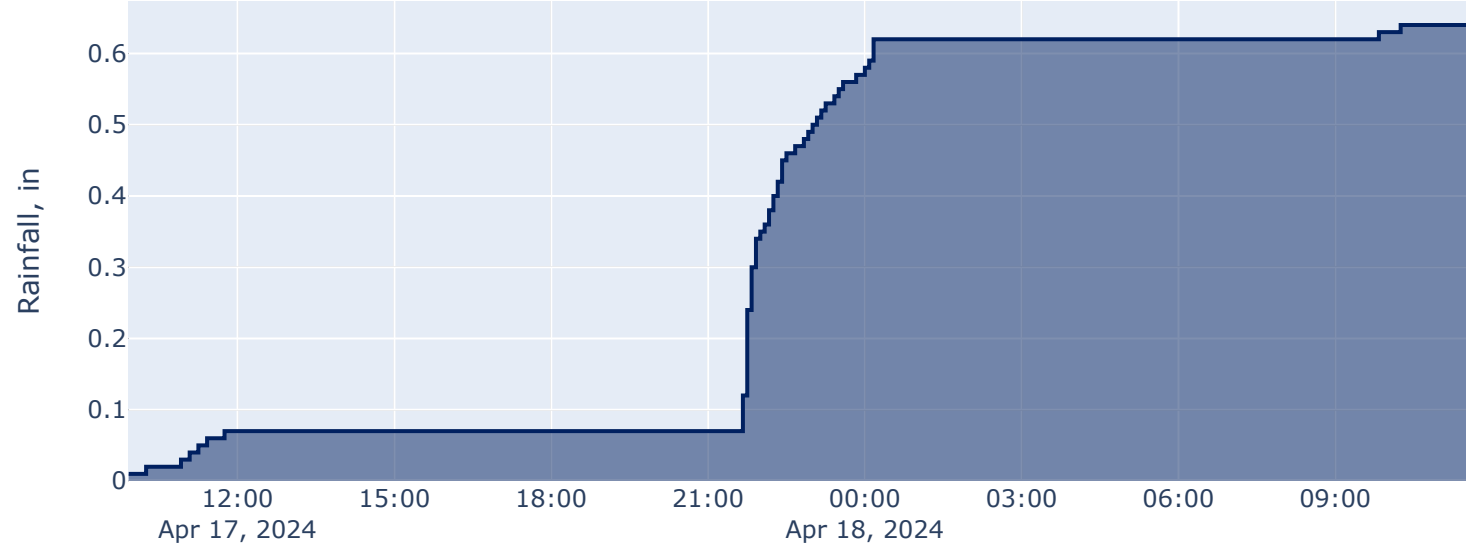
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	3.897
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	April 17, 2024
Data Quality	Poor
Total Rain (in)	0.64
Max Rain Intensity (in/hr)	1.44



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	-3.78	-3.38	N/A
Site Depth at Activation (ft)	N/A	0.0	0.0	N/A
Site Return to Normal Depth (ft)	N/A	N/A	0.0	N/A
Time Activated	N/A	04/18/2024 00:55	04/17/2024 22:55	N/A
Time Returned to Normal	N/A	N/A	04/18/2024 04:20	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	3.897
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

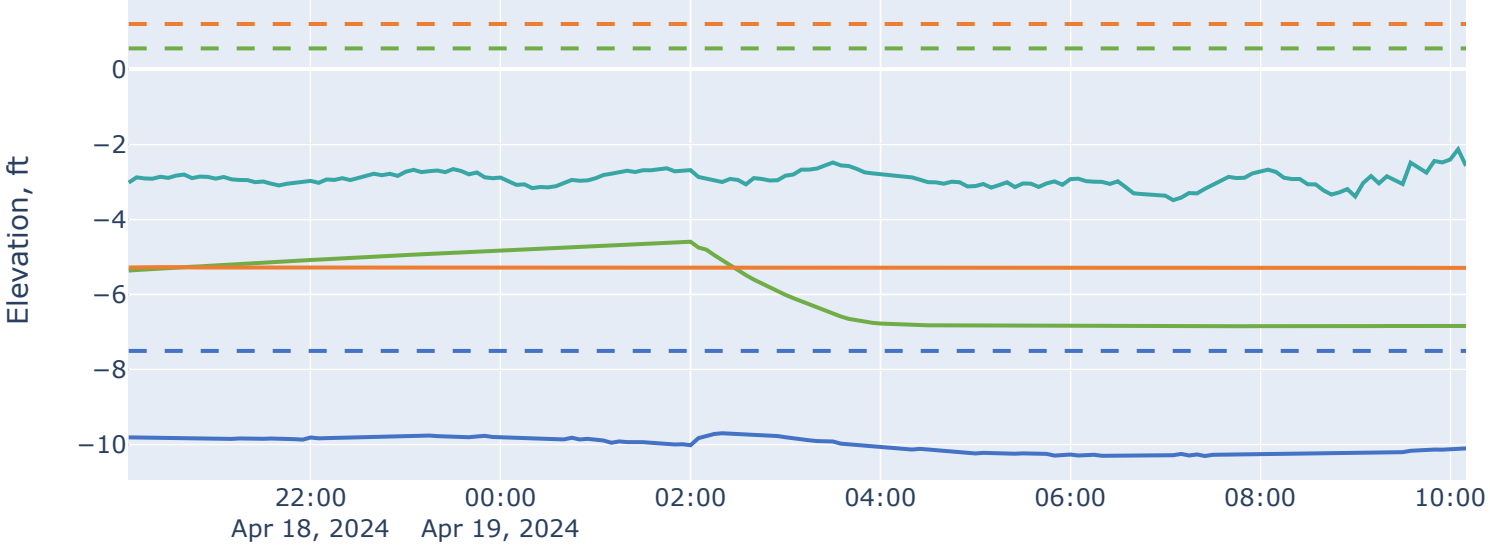


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

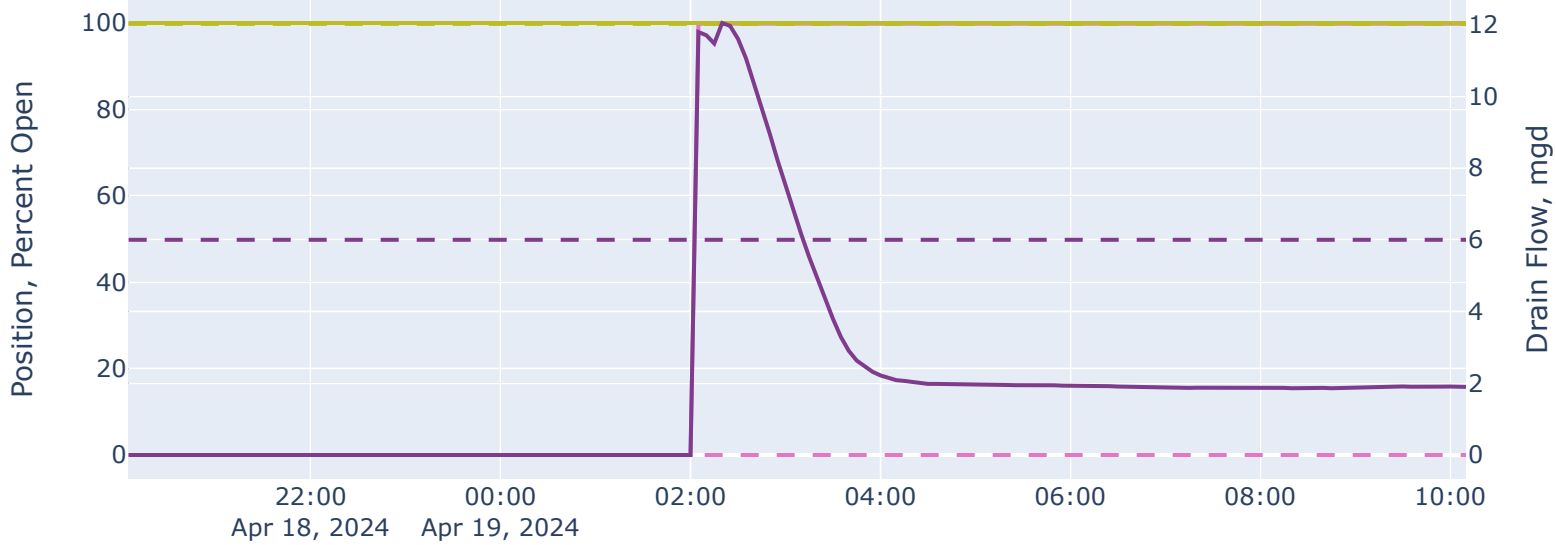
April 18, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	04/18/2024 20:05
Event End Date/Time	04/19/2024 10:10
Total Rainfall Accumulation (in)	0.02
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	1.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

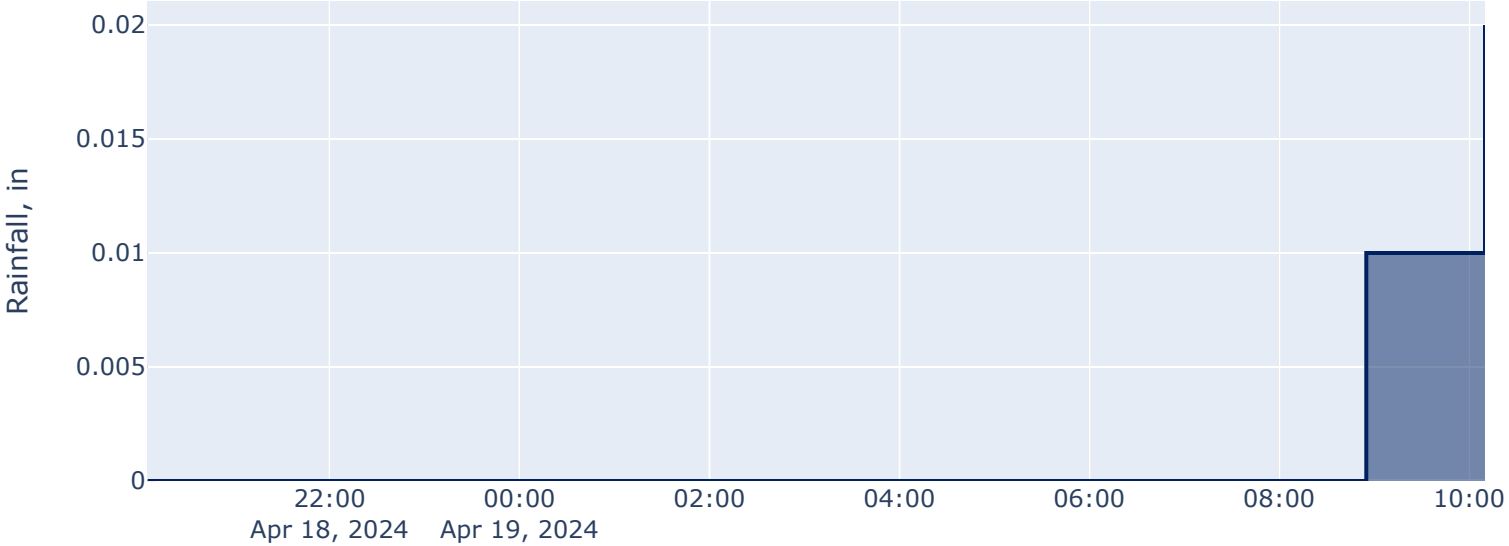
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.484
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	April 18, 2024
Data Quality	Poor
Total Rain (in)	0.02
Max Rain Intensity (in/hr)	0.12



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-9.82	N/A	N/A	N/A
Site Depth at Activation (ft)	0.0	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	04/19/2024 02:05	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A

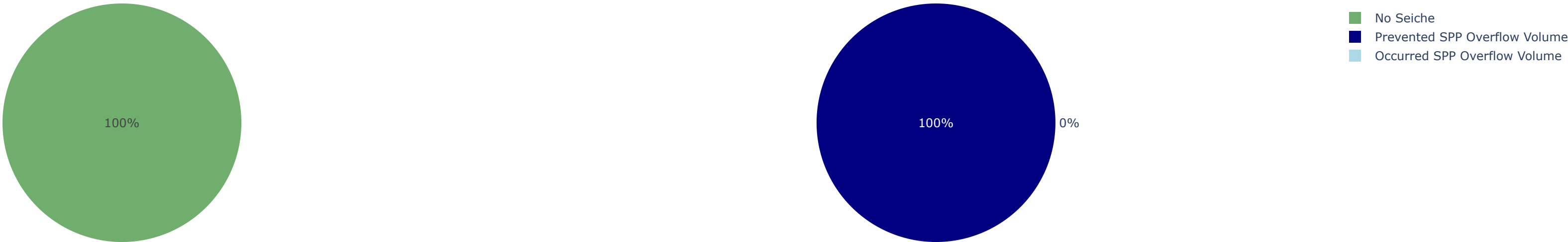


RTC Sites	Smith Perry
Total Volume Captured (MG)	0.484
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

May2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



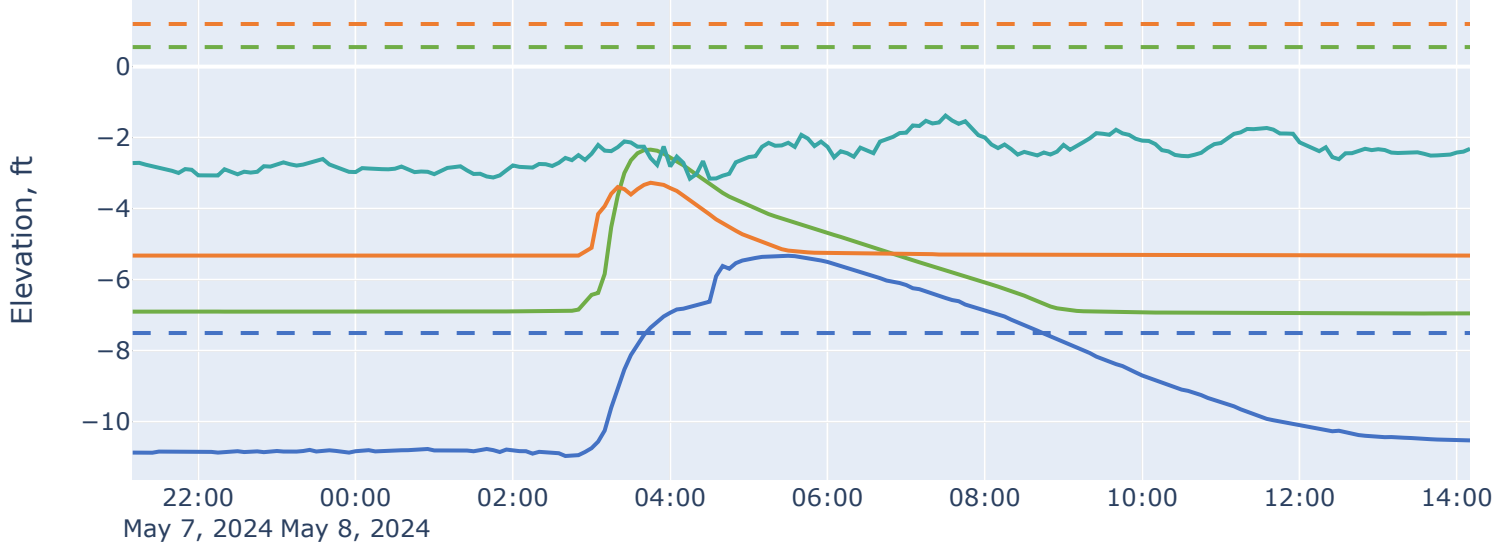
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
2	0	7.686	0.0	3.75

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
May 07, 2024	0.34	0.0	2.549	100	N/A	Poor
May 17, 2024	1.05	0.0	5.137	100	N/A	Poor

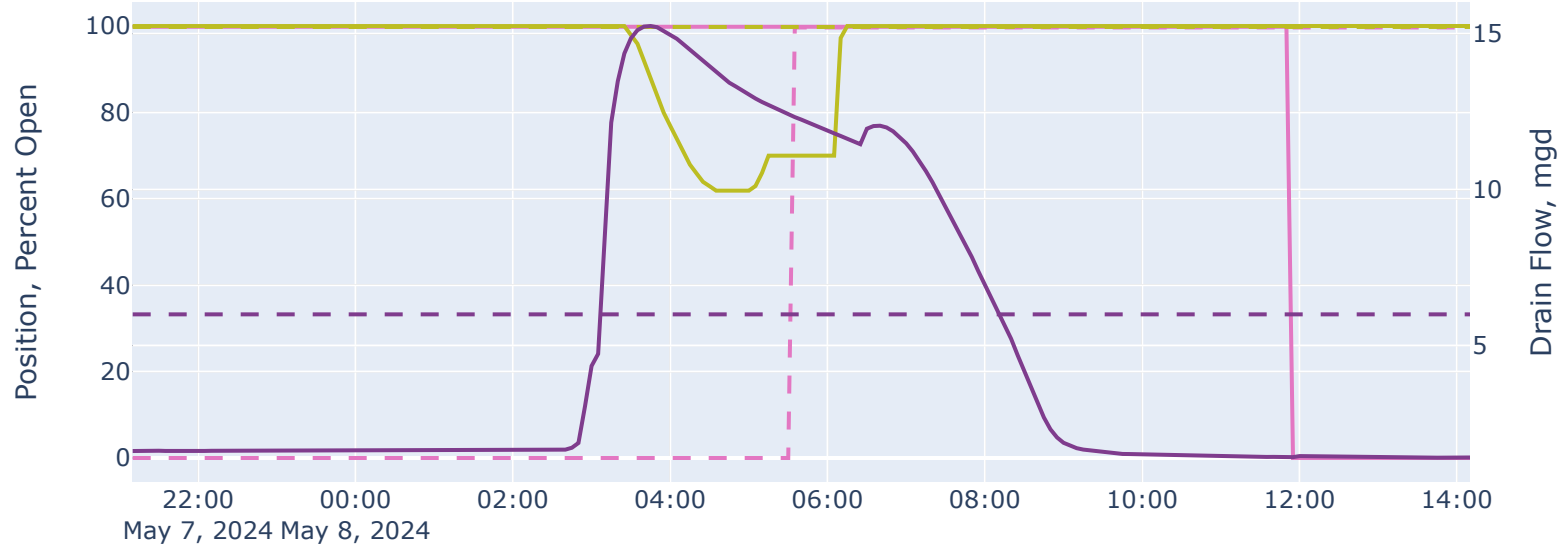
May 07, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	05/07/2024 21:10
Event End Date/Time	05/08/2024 14:10
Total Rainfall Accumulation (in)	0.34
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	0.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

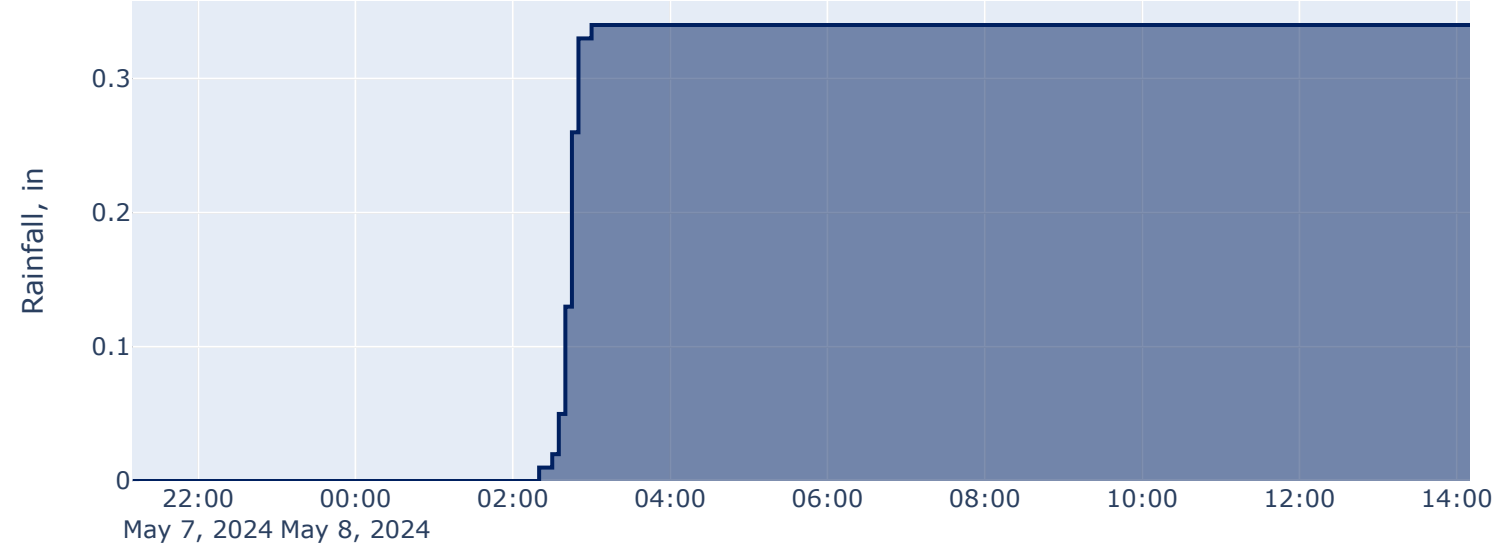
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	2.549
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	May 07, 2024
Data Quality	Poor
Total Rain (in)	0.34
Max Rain Intensity (in/hr)	1.56



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-10.01	-5.34	-3.0	N/A
Site Depth at Activation (ft)	0.0	0.0	0.0	N/A
Site Return to Normal Depth (ft)	N/A	N/A	0.0	N/A
Time Activated	05/08/2024 11:50	05/08/2024 05:35	05/08/2024 03:25	N/A
Time Returned to Normal	N/A	N/A	05/08/2024 06:15	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	2.549
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

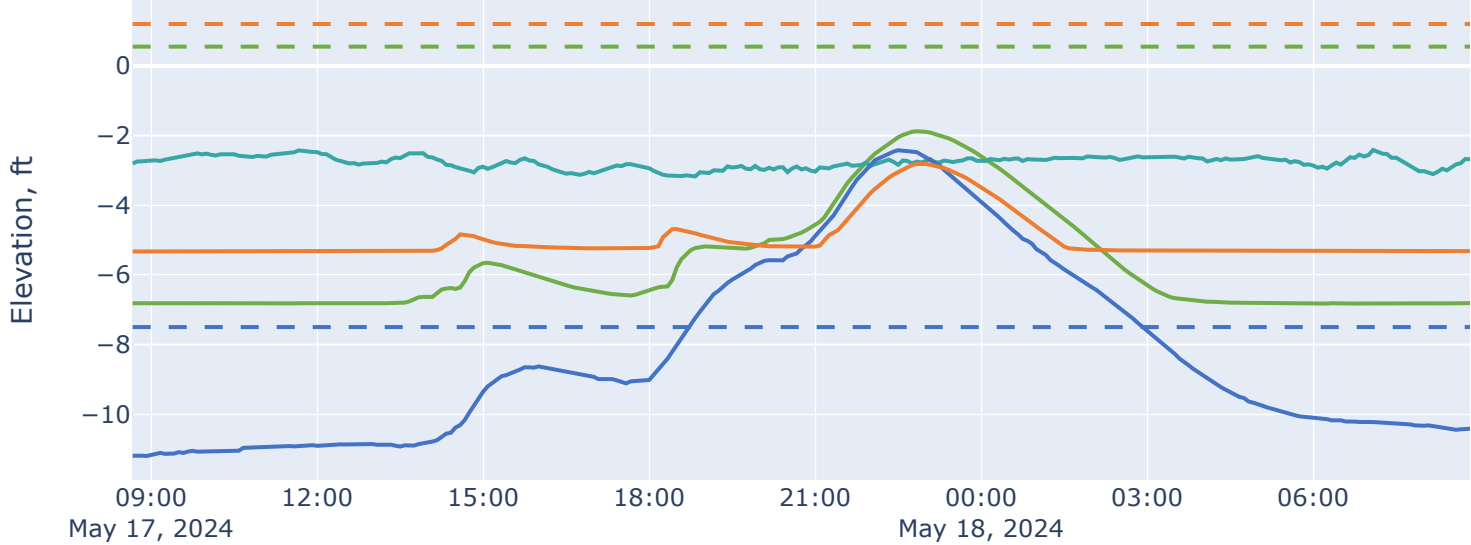


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

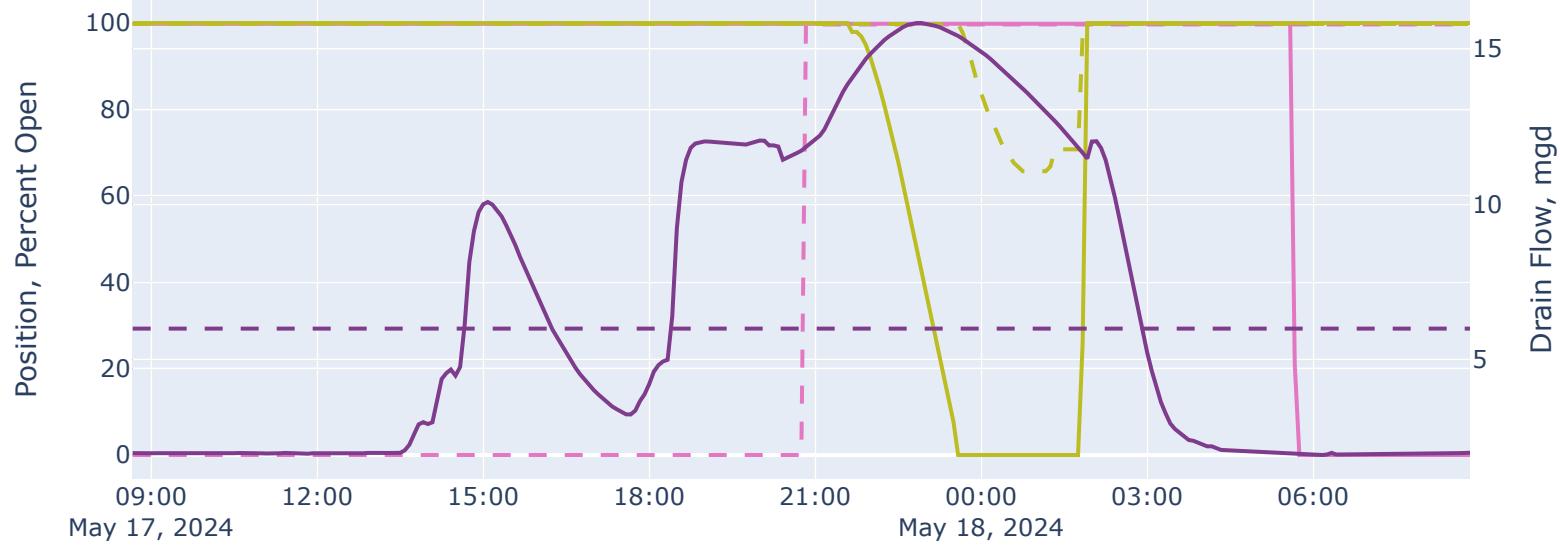
May 17, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	05/17/2024 08:40
Event End Date/Time	05/18/2024 08:50
Total Rainfall Accumulation (in)	1.05
Maximum Rainfall Intensity (in/hr)	1.92
Storm Event Duration (hr)	8.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

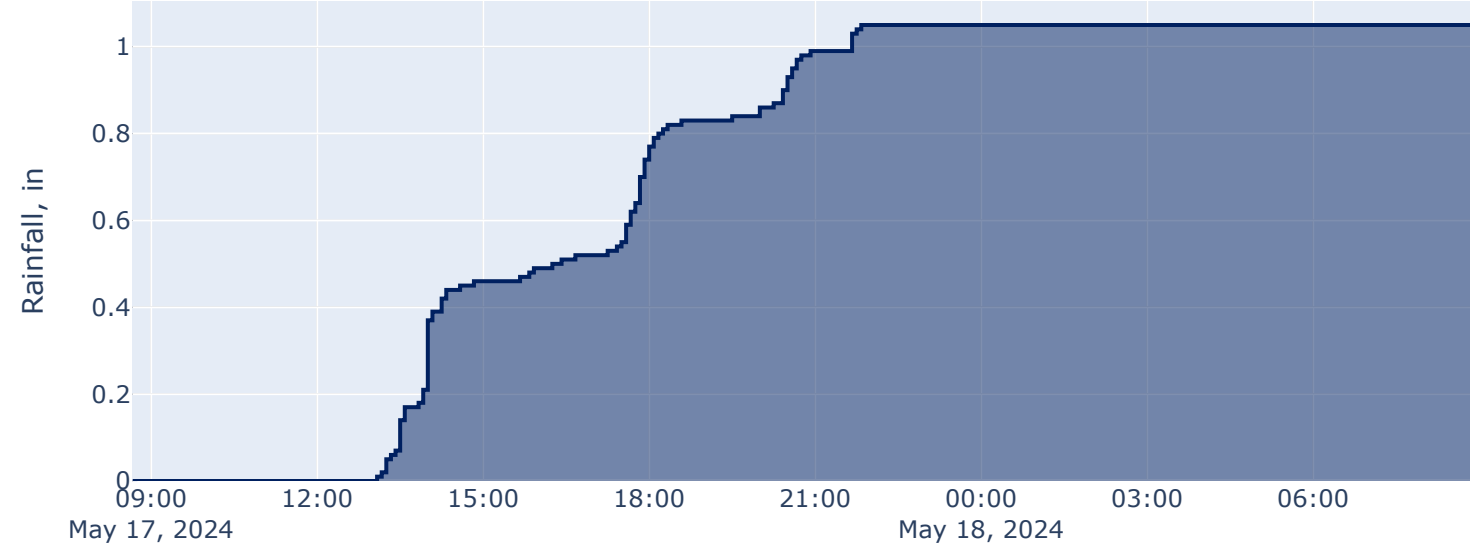
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	5.137
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	May 17, 2024
Data Quality	Poor
Total Rain (in)	1.05
Max Rain Intensity (in/hr)	1.92



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-9.99	-5.17	-3.36	-2.21
Site Depth at Activation (ft)	0.0	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	05/18/2024 05:35	05/17/2024 20:50	05/17/2024 21:35	05/17/2024 23:35
Time Returned to Normal	N/A	N/A	05/18/2024 01:55	05/18/2024 01:55

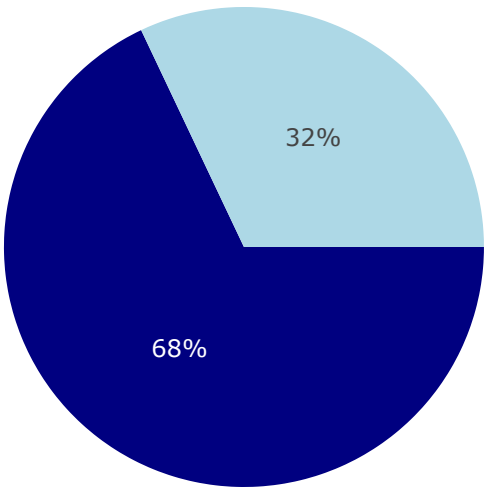
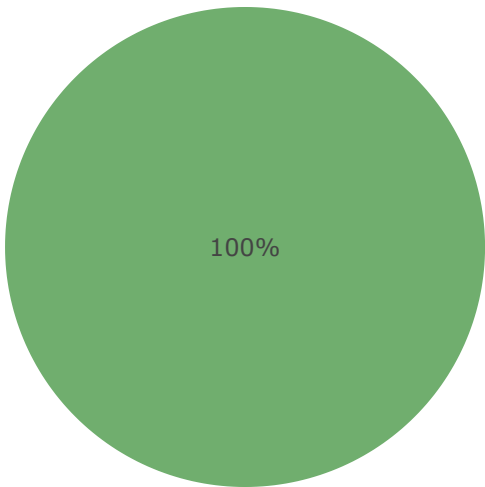


RTC Sites	Smith Perry
Total Volume Captured (MG)	5.137
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Jun2024 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

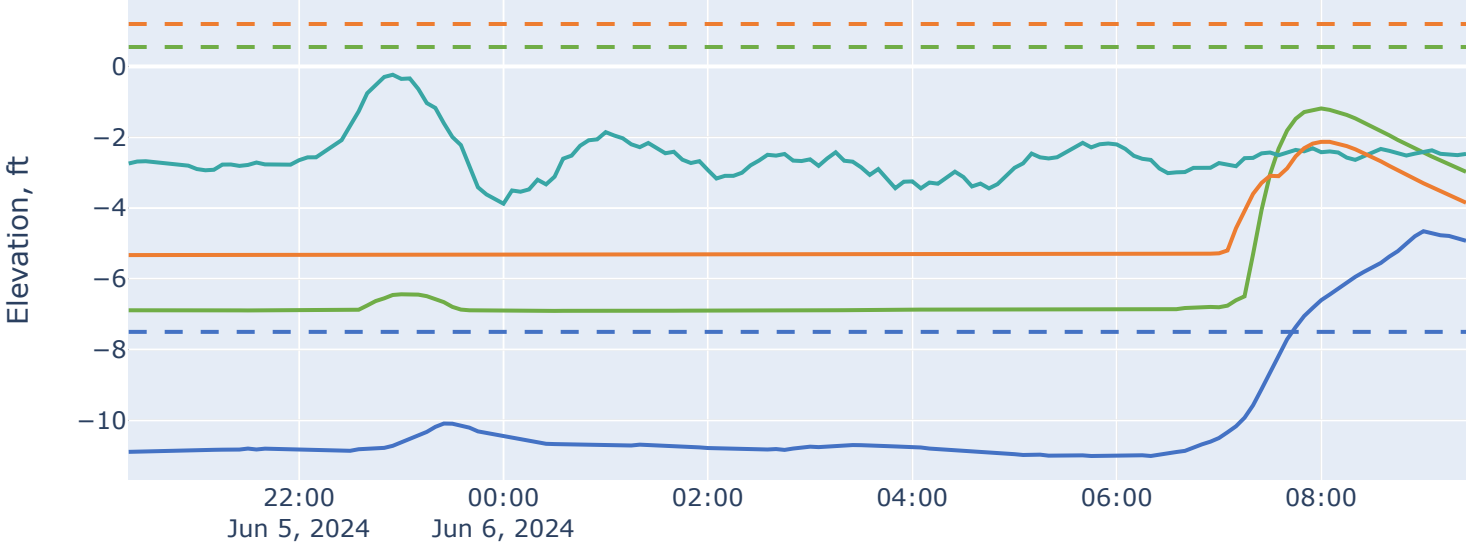
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
4	1	19.776	9.326	4.11

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
June 05, 2024	0.52	0.0	1.392	100.0	N/A	Good
June 08, 2024	0.84	0.0	4.071	100.0	N/A	Good
June 18, 2024	0.38	0.0	2.813	100.0	N/A	Good
June 26, 2024	0.36	0.0	0.449	100.0	N/A	Good
June 29, 2024	1.65	9.326	11.051	54.0	N/A	Good

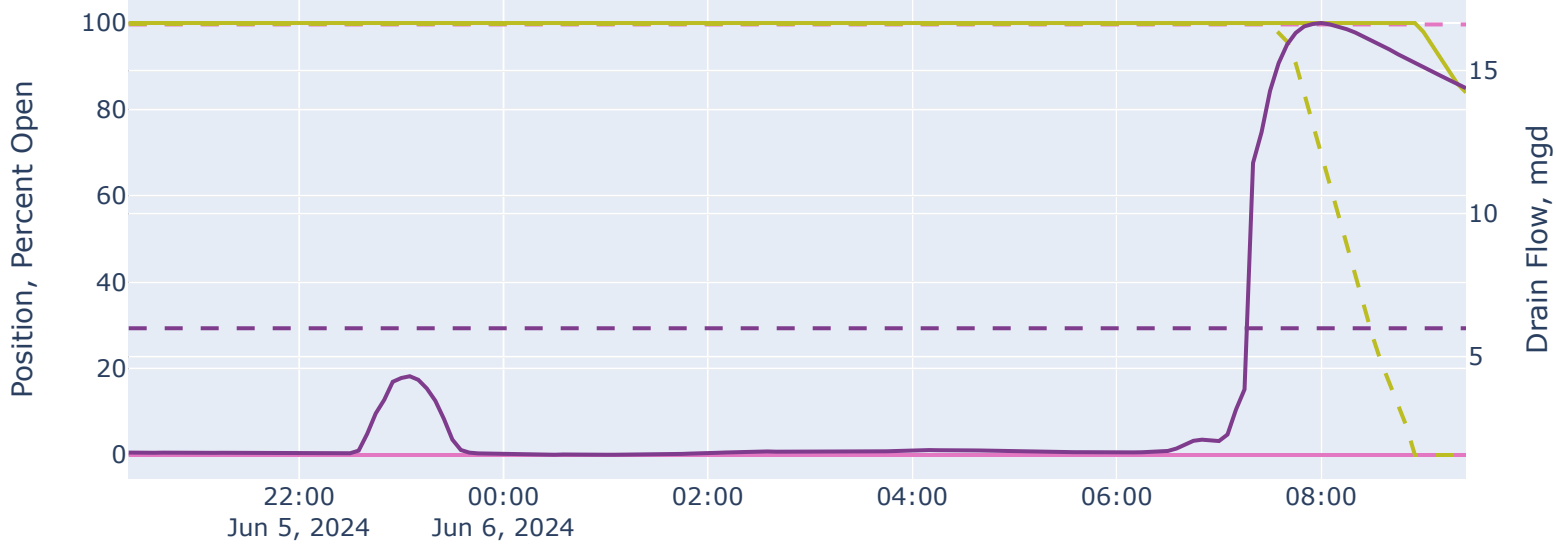
June 05, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	06/05/2024 20:20
Event End Date/Time	06/06/2024 09:25
Total Rainfall Accumulation (in)	0.52
Maximum Rainfall Intensity (in/hr)	1.2
Storm Event Duration (hr)	13.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

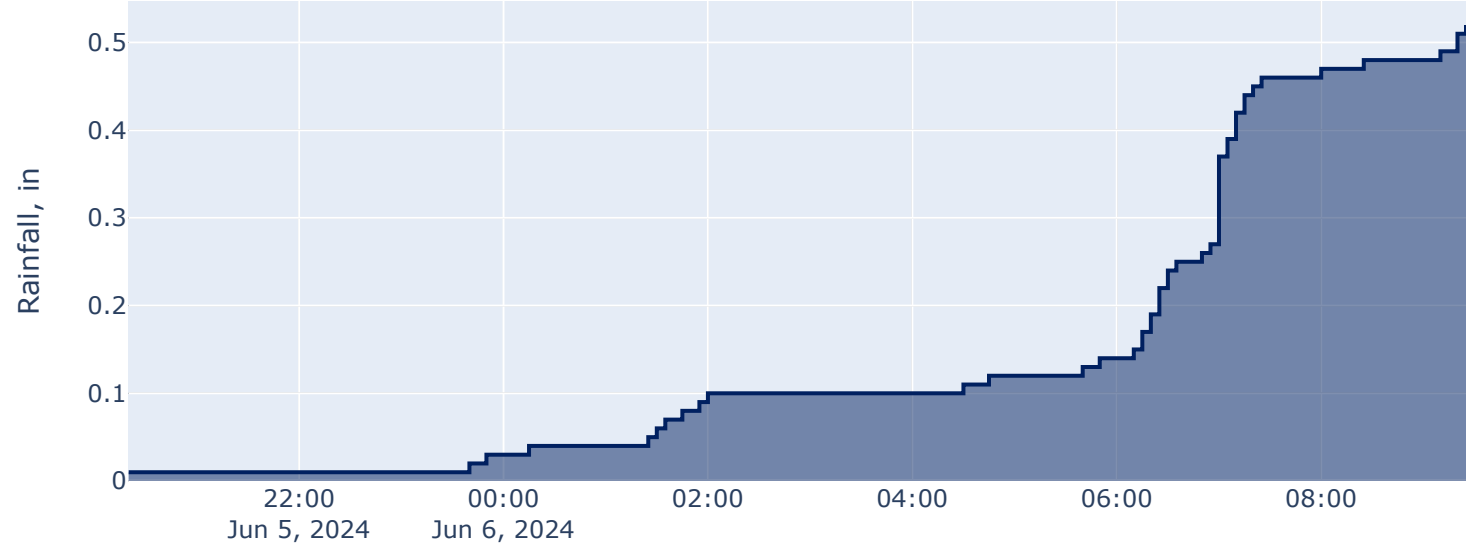
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	1.392
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	June 05, 2024
Data Quality	Good
Total Rain (in)	0.52
Max Rain Intensity (in/hr)	1.2



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	-2.32	-3.04
Site Depth at Activation (ft)	N/A	N/A	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	06/06/2024 08:55	06/06/2024 07:30
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	1.392
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

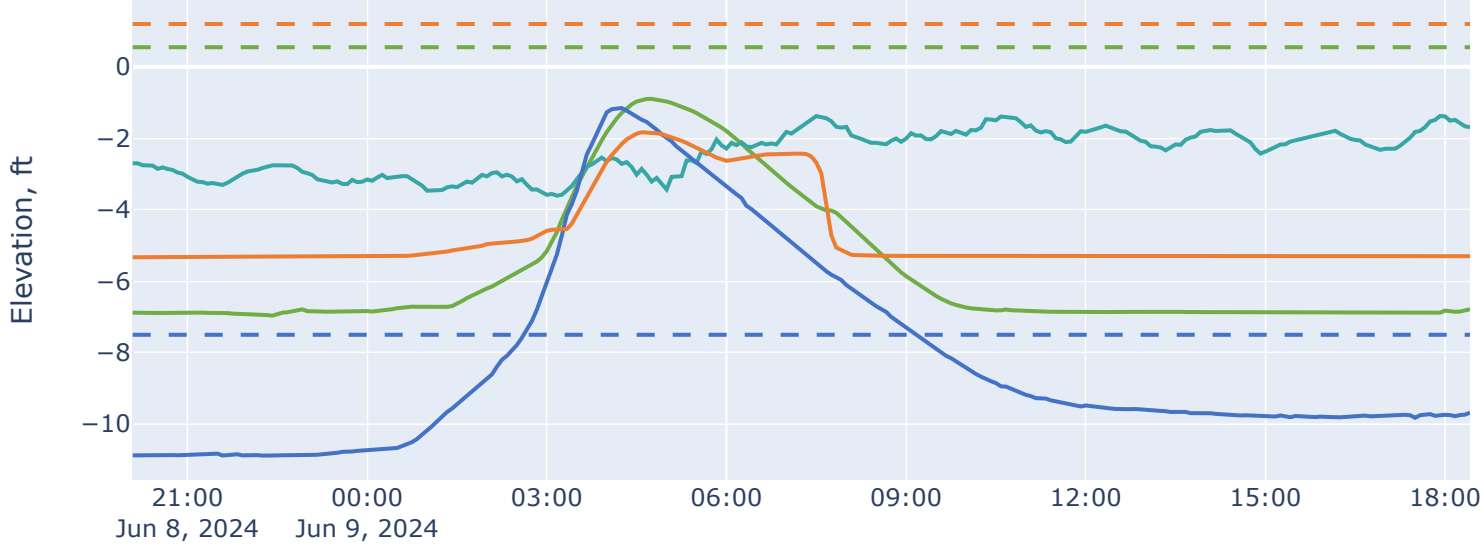


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

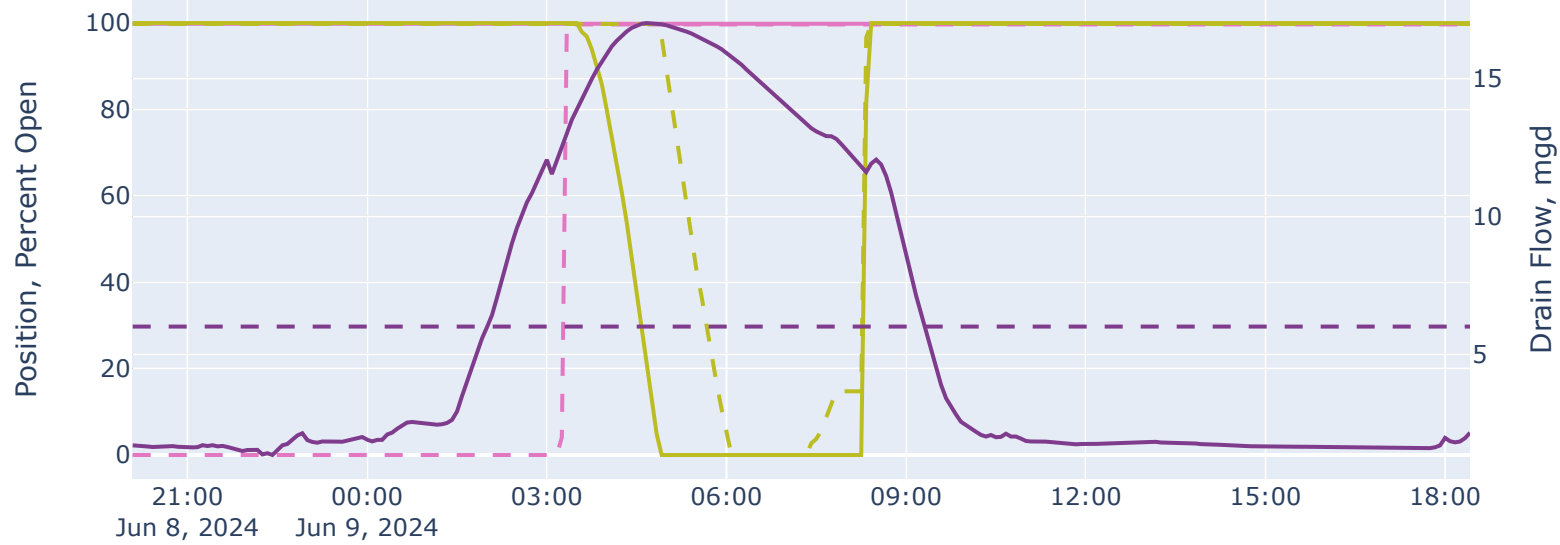
June 08, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	06/08/2024 20:05
Event End Date/Time	06/09/2024 18:25
Total Rainfall Accumulation (in)	0.84
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	8.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

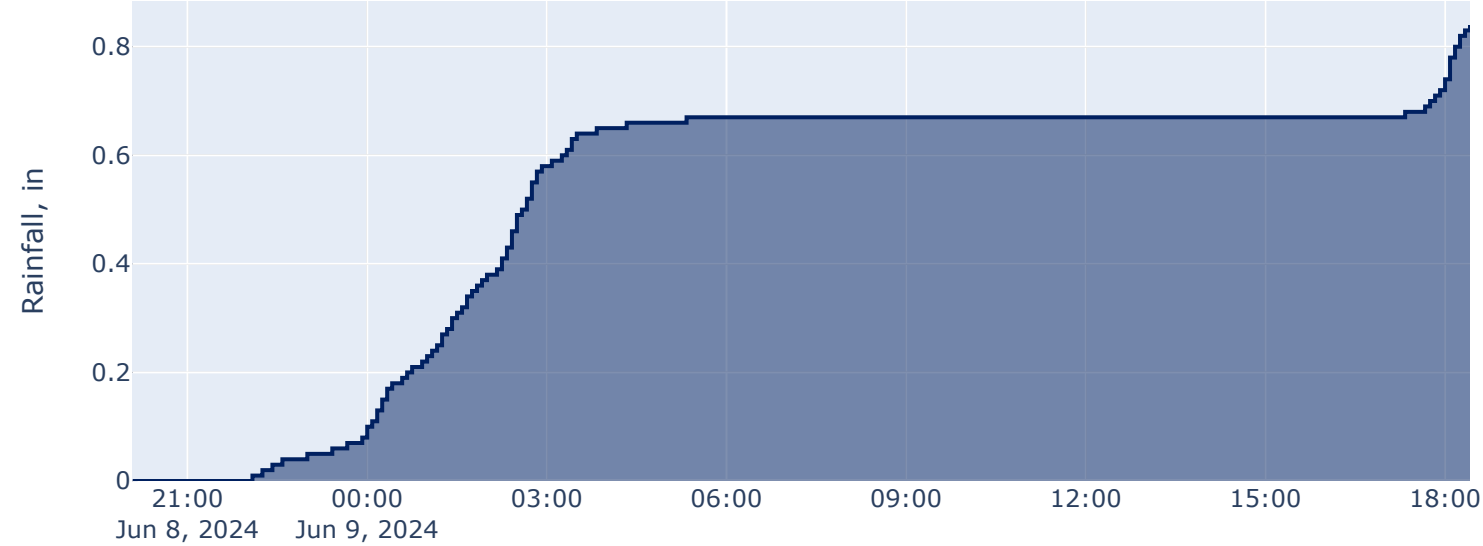
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	4.071
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	June 08, 2024
Data Quality	Good
Total Rain (in)	0.84
Max Rain Intensity (in/hr)	0.48



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	-4.14	-3.33	-0.91
Site Depth at Activation (ft)	N/A	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	06/09/2024 03:20	06/09/2024 03:30	06/09/2024 04:50
Time Returned to Normal	N/A	N/A	06/09/2024 08:25	06/09/2024 08:25



RTC Sites	Smith Perry
Total Volume Captured (MG)	4.071
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

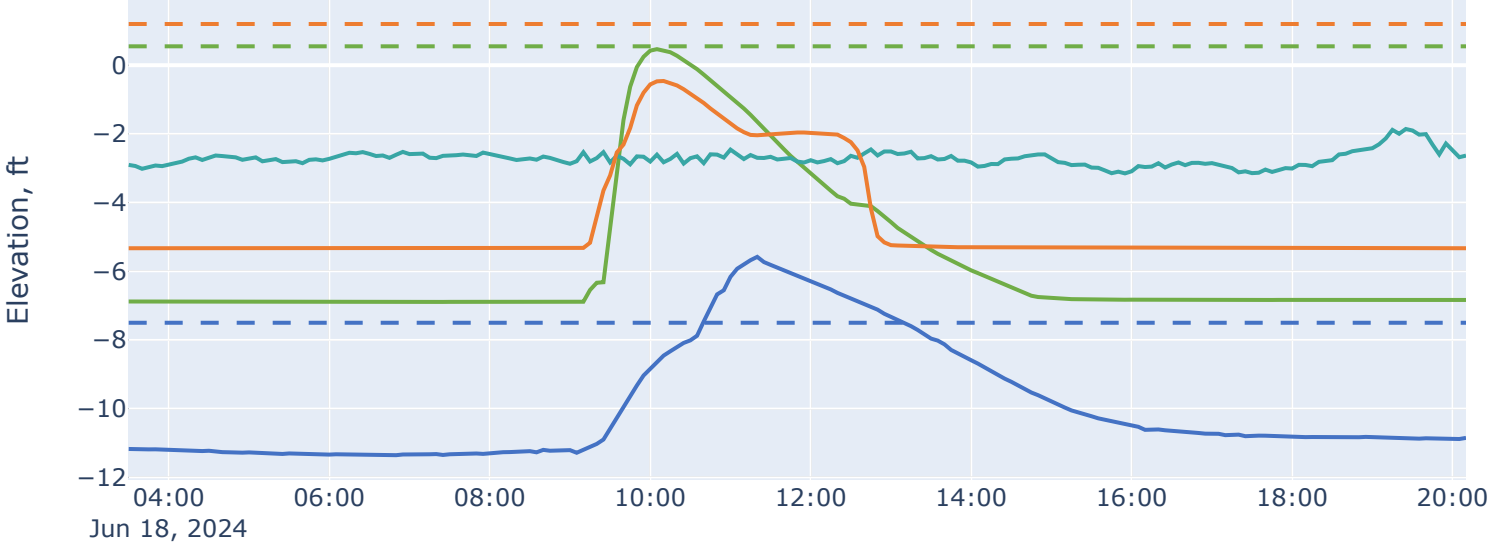


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

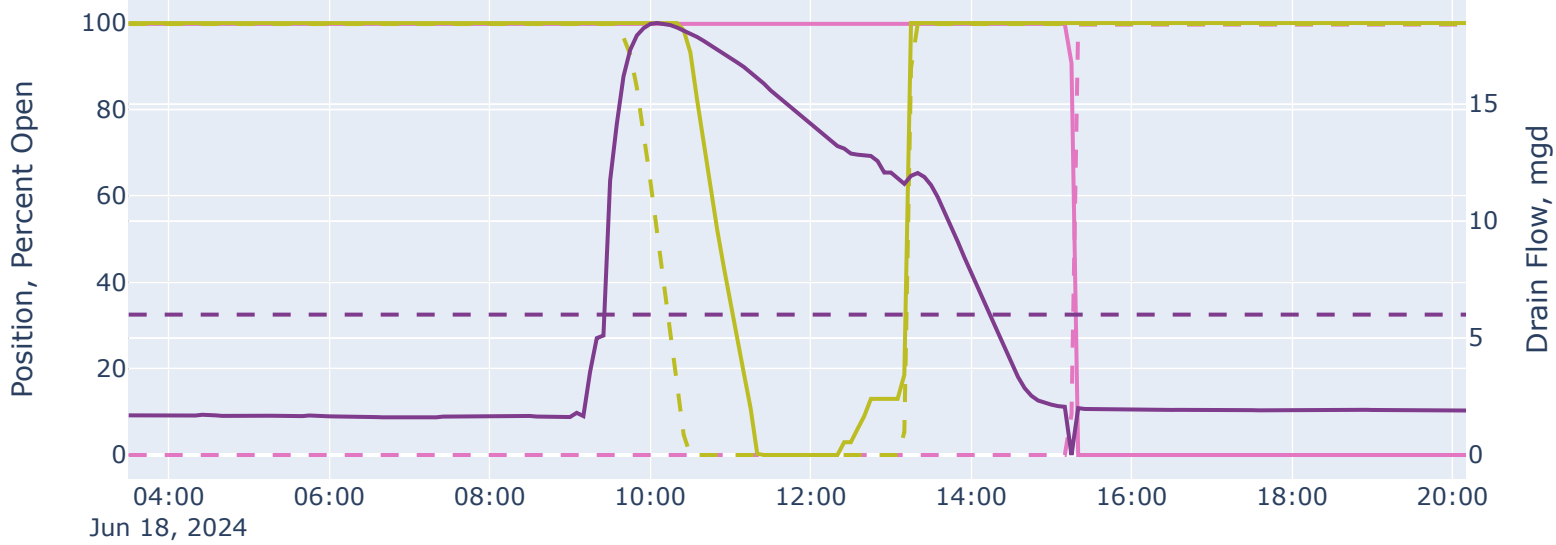
June 18, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	06/18/2024 03:30
Event End Date/Time	06/18/2024 20:10
Total Rainfall Accumulation (in)	0.38
Maximum Rainfall Intensity (in/hr)	2.52
Storm Event Duration (hr)	0.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

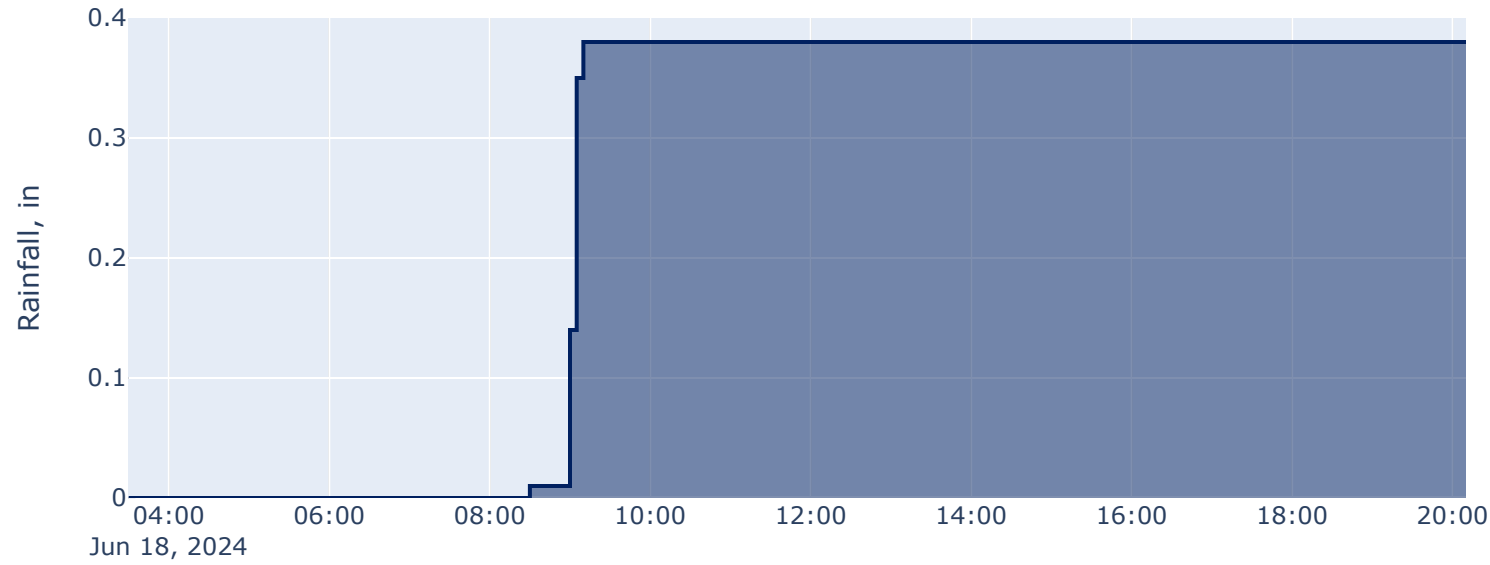
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	2.813
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	June 18, 2024
Data Quality	Good
Total Rain (in)	0.38
Max Rain Intensity (in/hr)	2.52



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	-9.97	-10.12	0.27	-3.15
Site Depth at Activation (ft)	0.0	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	06/18/2024 15:10	06/18/2024 15:20	06/18/2024 10:20	06/18/2024 09:35
Time Returned to Normal	N/A	N/A	06/18/2024 13:15	06/18/2024 13:20



RTC Sites	Smith Perry
Total Volume Captured (MG)	2.813
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

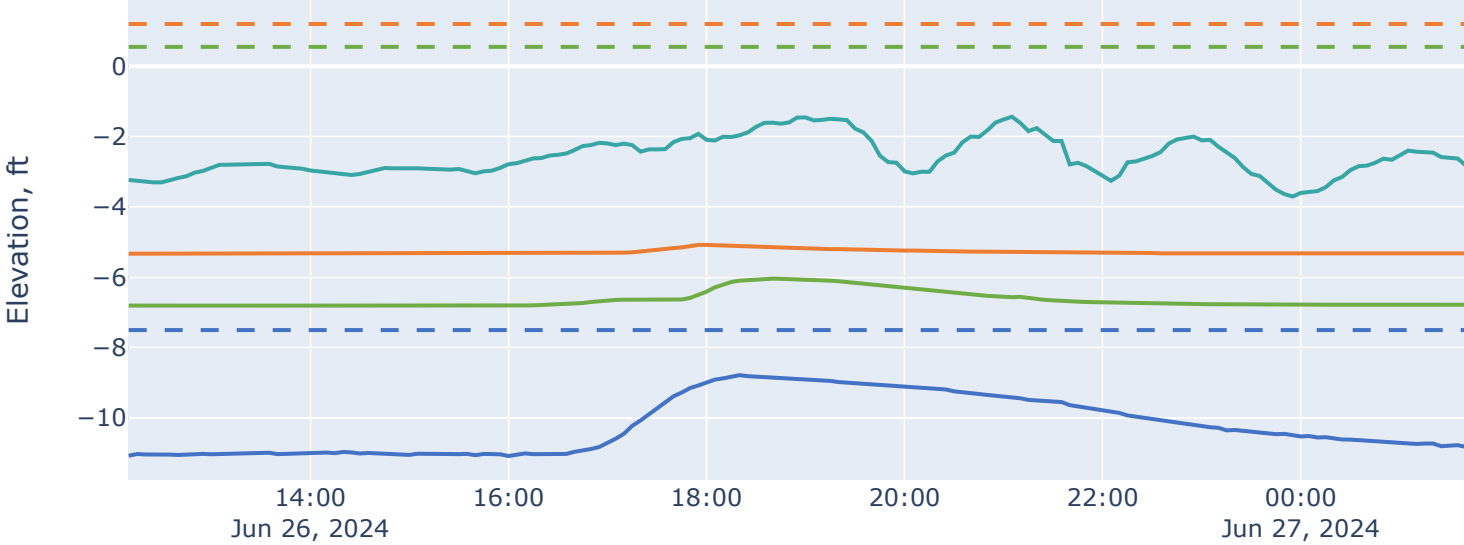


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

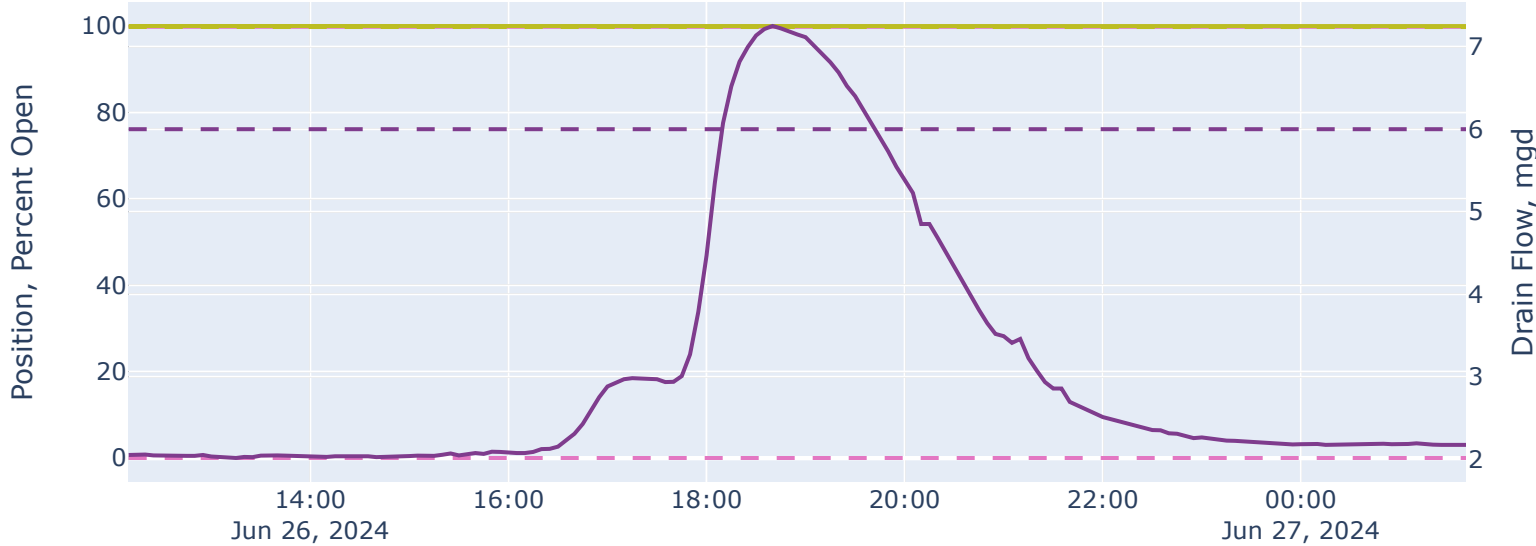
June 26, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	06/26/2024 12:10
Event End Date/Time	06/27/2024 01:40
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	3.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

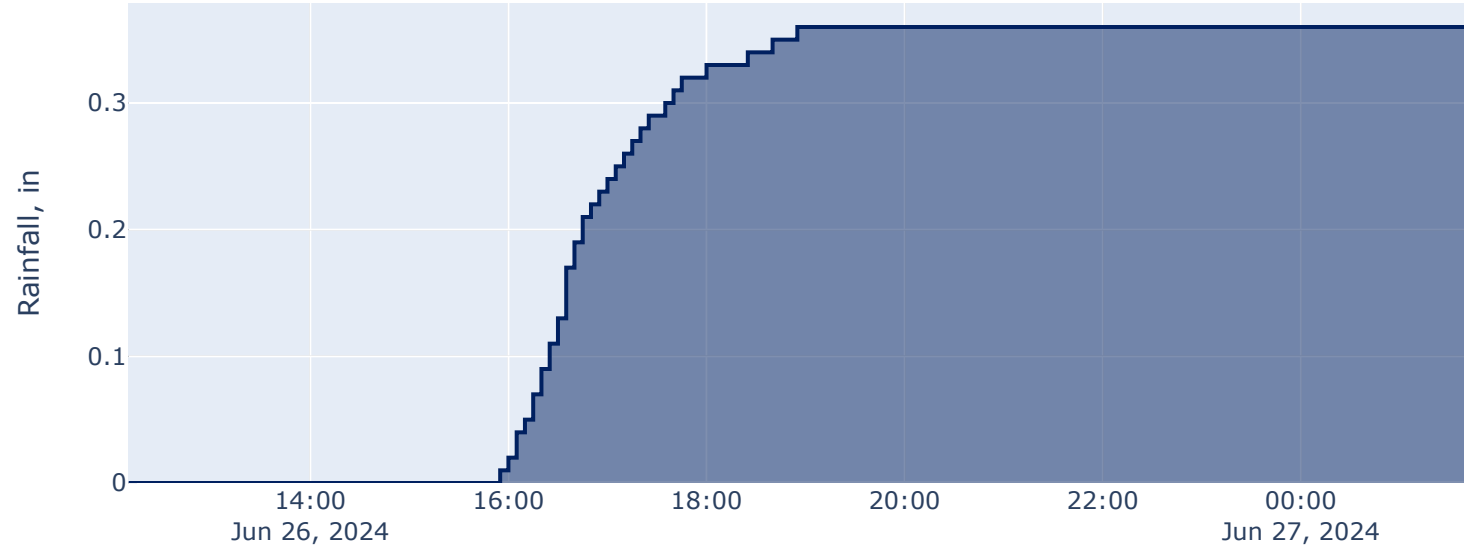
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	0.449
Overflow Before Storage Full	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0
Event	June 26, 2024
Data Quality	Good
Total Rain (in)	0.36
Max Rain Intensity (in/hr)	0.48



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Site Depth at Activation (ft)	N/A	N/A	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A	N/A	N/A
Time Activated	N/A	N/A	N/A	N/A
Time Returned to Normal	N/A	N/A	N/A	N/A



RTC Sites	Smith Perry
Total Volume Captured (MG)	0.449
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A

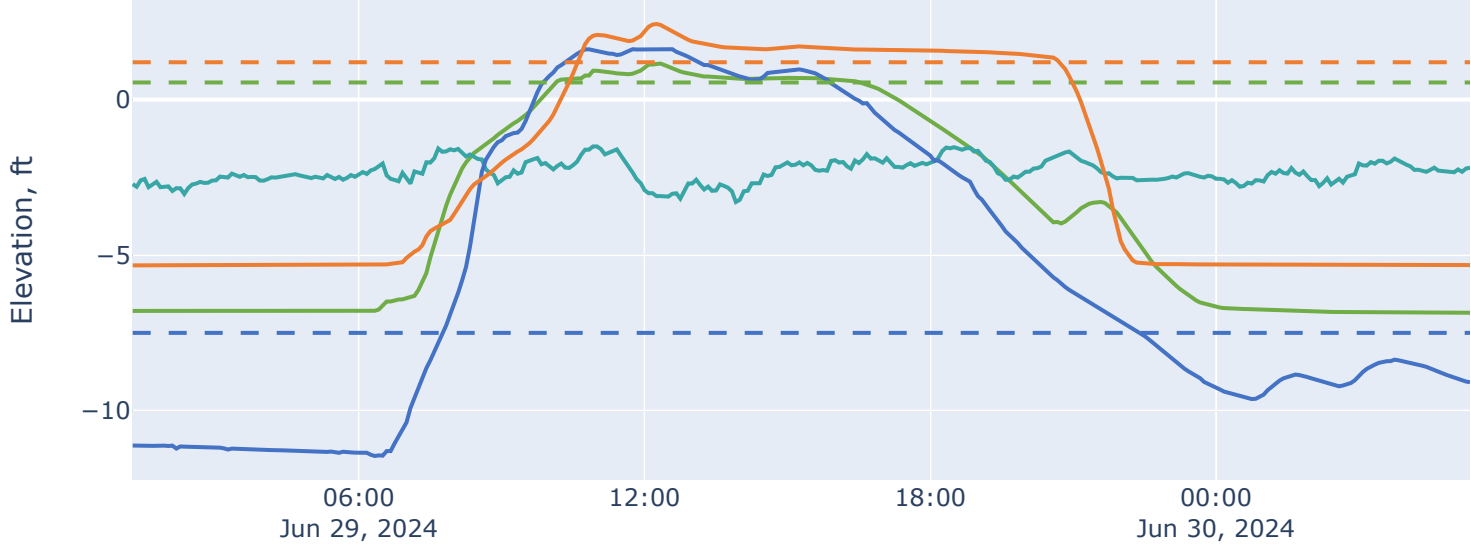


- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

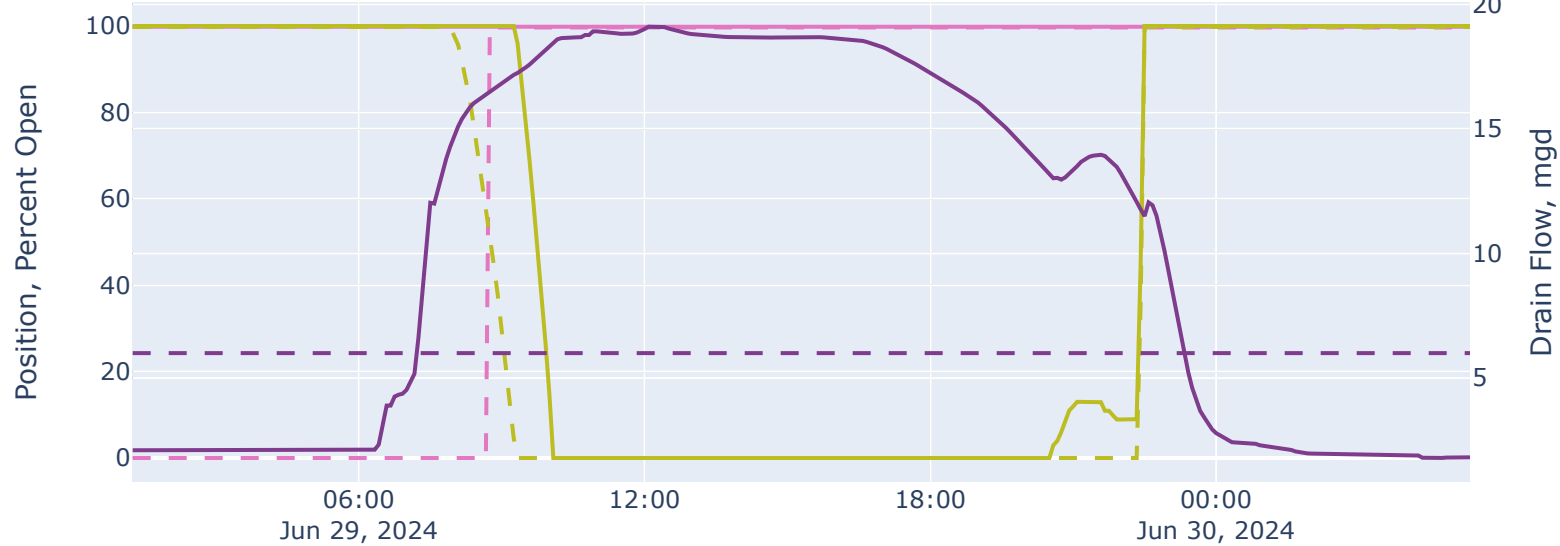
June 29, 2024 SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4

Event Data	Value
Seiche in Wet Weather	N/A
Event Start Date/Time	06/29/2024 01:15
Event End Date/Time	06/30/2024 05:20
Total Rainfall Accumulation (in)	1.65
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	11.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

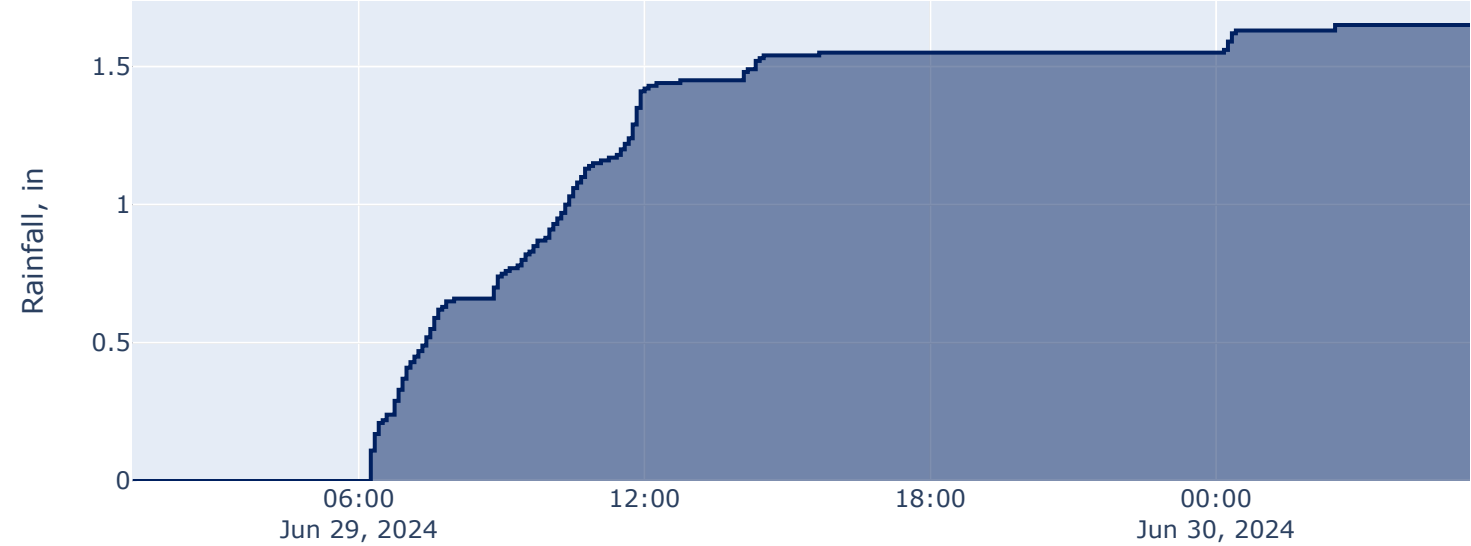
Overflow Data	Value
Unused Storage Volume (MG)	N/A
Overflow Volume Prevented (MG)	11.051
Overflow Before Storage Full	N/A
Overflow Volume (MG)	9.326
Overflow Duration (hr)	6.33
Event	June 29, 2024
Data Quality	Good
Total Rain (in)	1.65
Max Rain Intensity (in/hr)	0.72



RTC Sites	Smith Perry DV1	Smith Perry DV2	Smith Eagle Gate 1	Smith Eagle Gate 2
Downstream Activation Trigger Depth (ft)	N/A	-1.7	-0.76	-3.06
Site Depth at Activation (ft)	N/A	0.0	0.0	0.0
Site Return to Normal Depth (ft)	N/A	N/A	0.0	0.0
Time Activated	N/A	06/29/2024 08:45	06/29/2024 09:15	06/29/2024 07:55
Time Returned to Normal	N/A	N/A	06/29/2024 22:30	06/29/2024 22:30

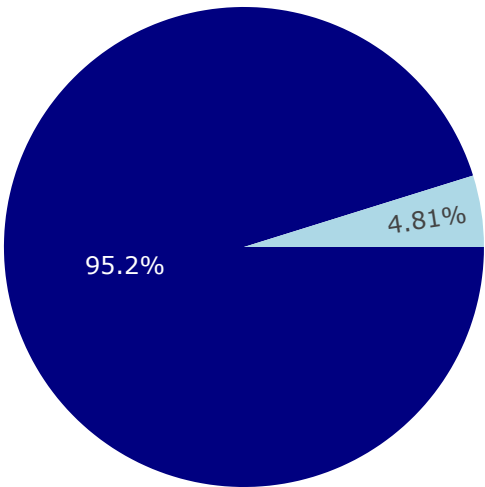
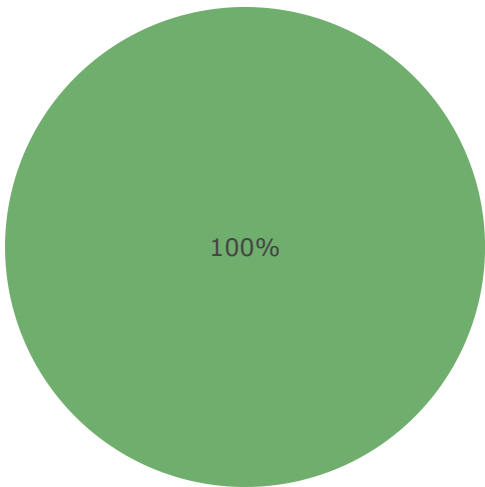


RTC Sites	Smith Perry
Total Volume Captured (MG)	11.051
Event Flow Threshold (mgd)	6
Seiche In Wet Weather	N/A



- Smith Perry CSO Elevation
- Elevation Downstream of Smith Perry Weir
- South Interceptor Elevation
- South Interceptor Wet Weather Trigger
- Smith Perry Weir Elevation
- Smith Eagle RTC Upstream Elevation
- Smith Eagle RTC Weir Elevation
- Smith Perry Valve 1 Position
- Smith Perry Valve 2 Position
- Smith Eagle Gate 1 Position
- Smith Eagle Gate 2 Position
- Drain Flow Estimate
- Drain Flow Threshold
- BSA Smith Perry

Jul2023 KPI Report for SmithSt
RTC Site(s) Smith Perry & Smith Eagle - v1.0.4



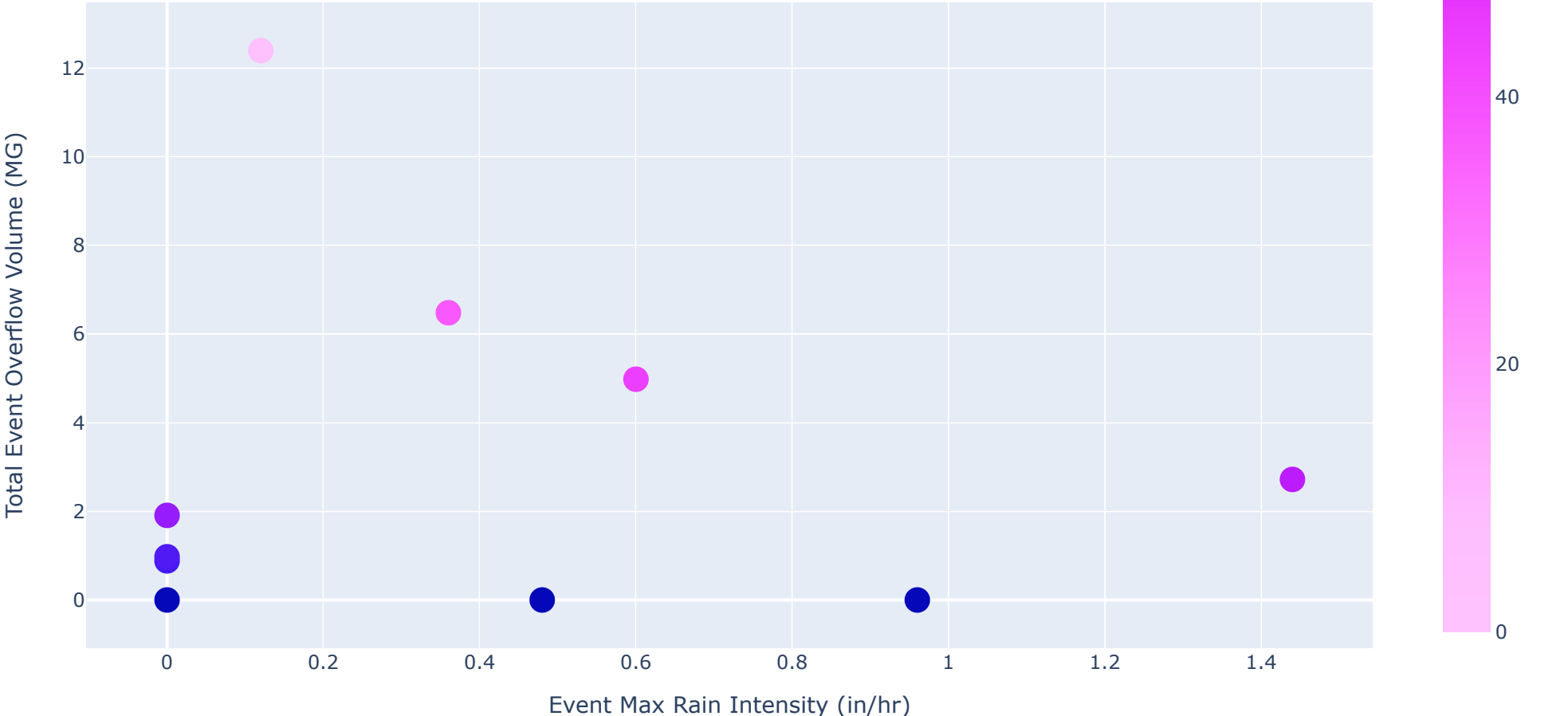
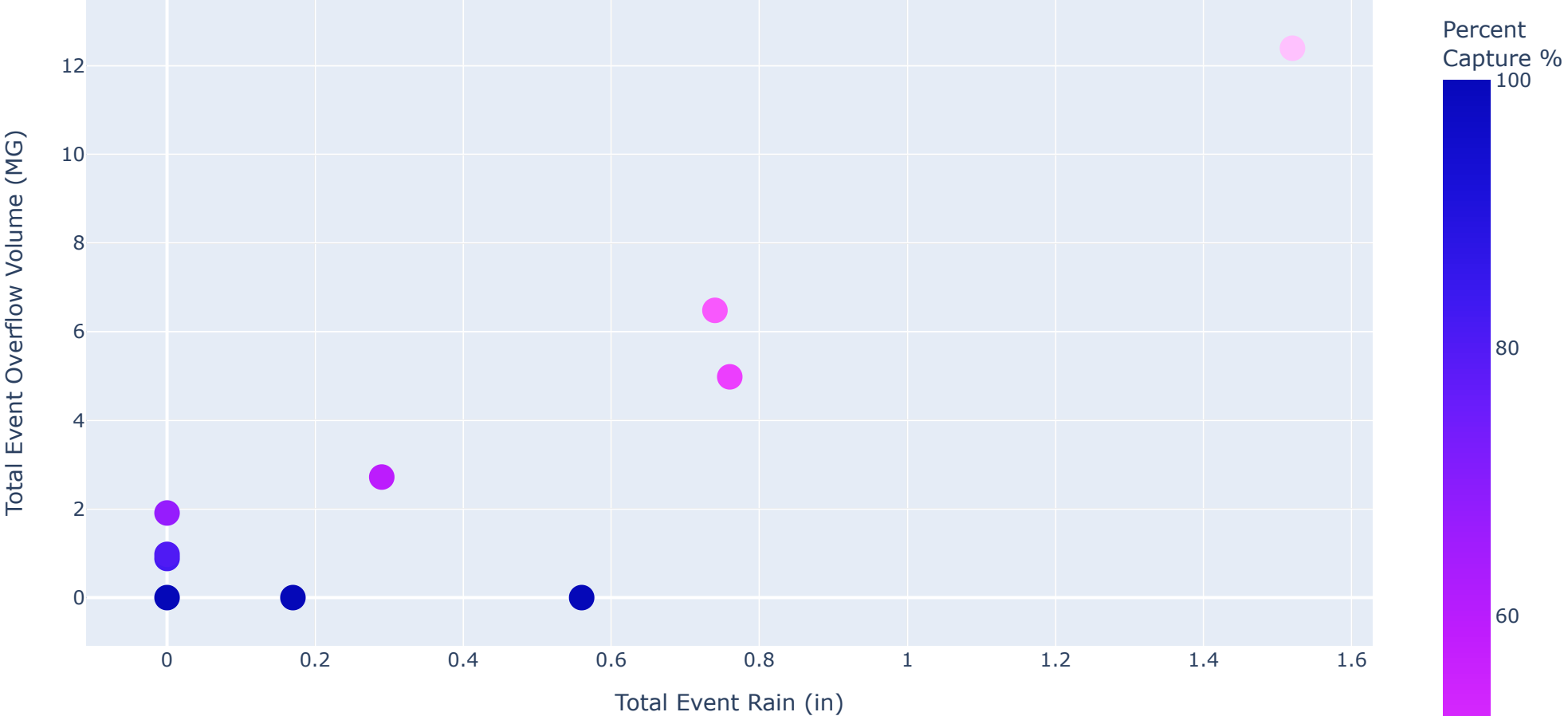
- No Seiche
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
3	2	191.043	9.656	5.65

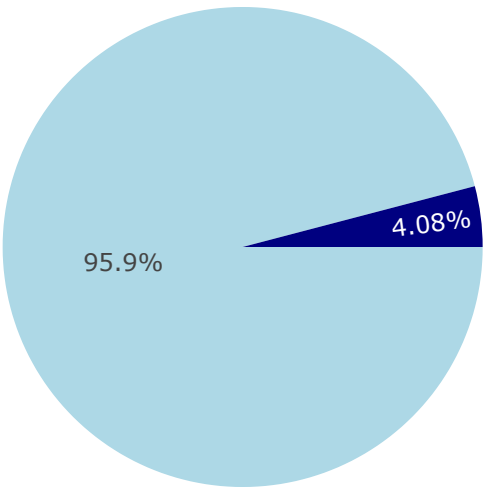
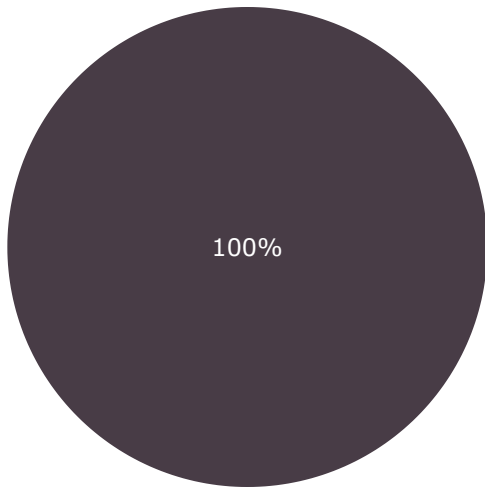
Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Seiche in Wet Weather	Data Quality
July 01, 2023	1.34	0.0	17.932	100.0	N/A	Good
July 03, 2023	0.02	0.0	37.595	100.0	N/A	Poor
July 12, 2023	2.12	3.254	112.358	97.0	N/A	Poor
July 25, 2023	1.52	6.402	19.691	75.0	N/A	Poor
July 29, 2023	0.48	0.0	3.467	100.0	N/A	Poor

2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	7.0
Occurred SPP Overflow Volume (MG)	30.344
Number of Prevented SPP Overflow Events	3.0
Prevented SPP Overflow Volume (MG)	34.715
Total Observed Rain at BSA Kelly X PS (in)	24.340



Jul2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

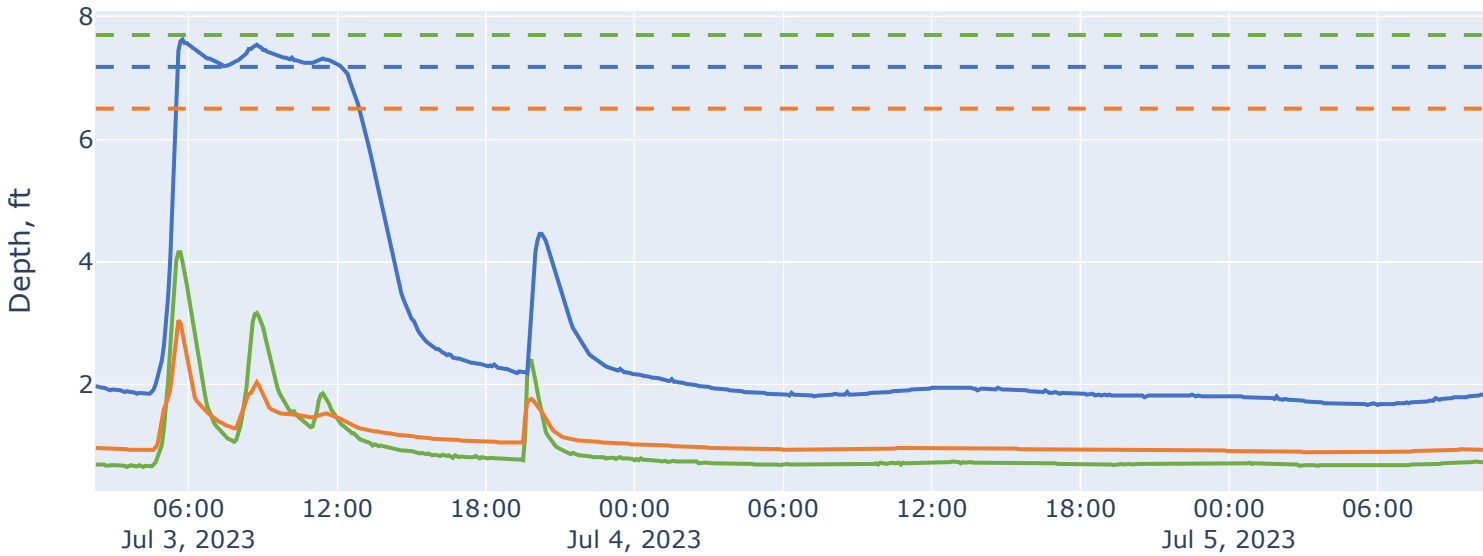
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	1	0.527	12.395	5.33

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 03, 2023	1.52	12.395	0.527	4	3.379	13	Poor

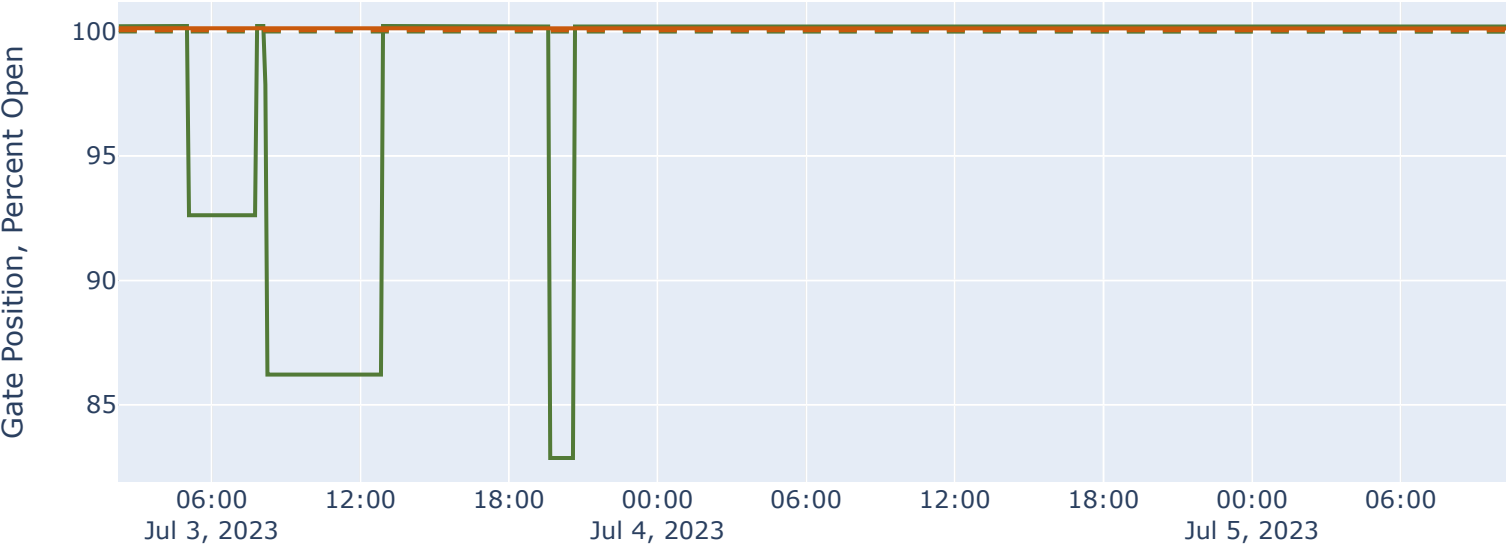
July 03, 2023 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	07/03/2023 02:15
Event End Date/Time	07/05/2023 10:15
Total Rainfall Accumulation (in)	1.52
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	44.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

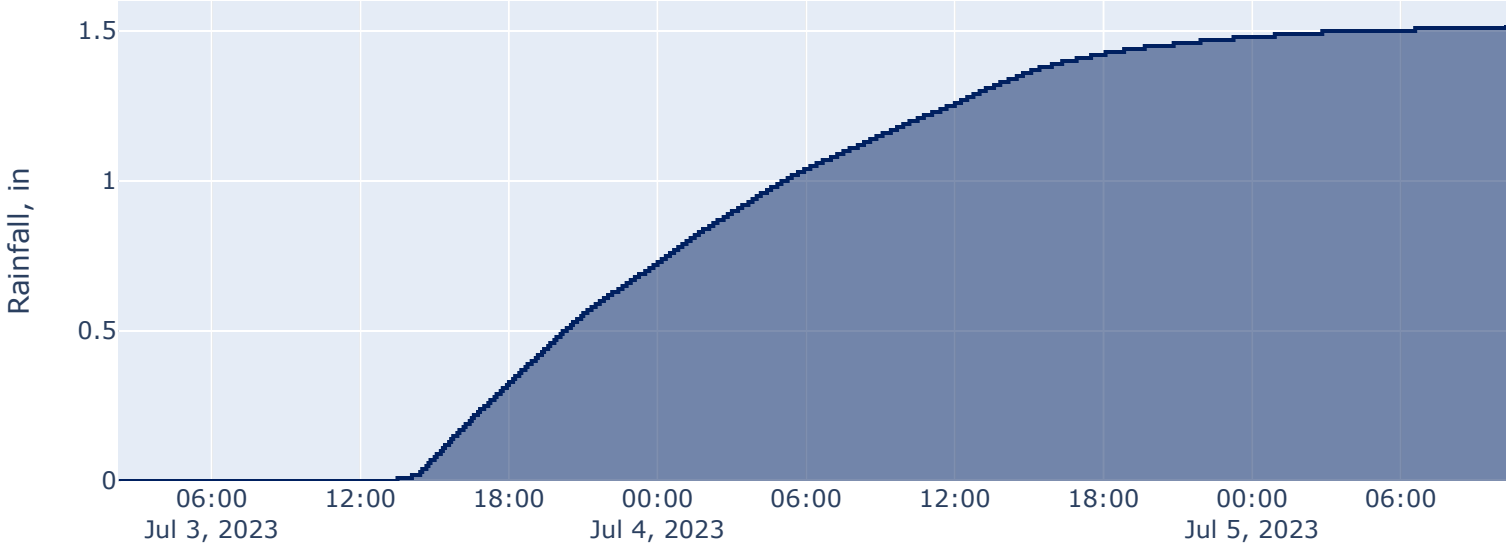
Overflow Data	Value
Overflow Volume Prevented (MG)	0.527
Percent Captured (%)	4
Unused Storage Volume (MG)	3.379
Overflow Before Storage Full	Yes
Storage Utilization (%)	13
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	12.395
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	12.395
Overflow Duration (hr)	6.5



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.18	N/A	N/A	N/A
Site Return to Normal Depth (ft)	1.05	N/A	N/A	N/A
Time Activated	07/03/2023 05:00	N/A	N/A	N/A
Time Returned to Normal	07/03/2023 20:40	N/A	N/A	N/A



RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	4.16	N/A
Volume Stored (MG)	0.527	0
Unused Storage Volume (MG)	1.536	1.843
RTC Depth at Overflow Start (ft)	4.16	3.05
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

Aug2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	2.11

Sep2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	0.59

Oct2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	3.99

Nov2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	3.15

Dec2023 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	3.37

Jan2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	0.39

Feb2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	0.1

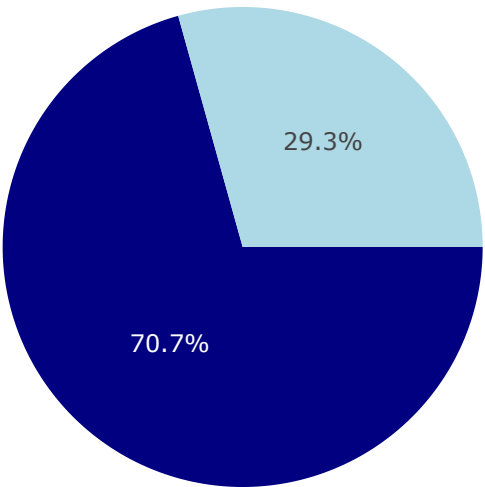
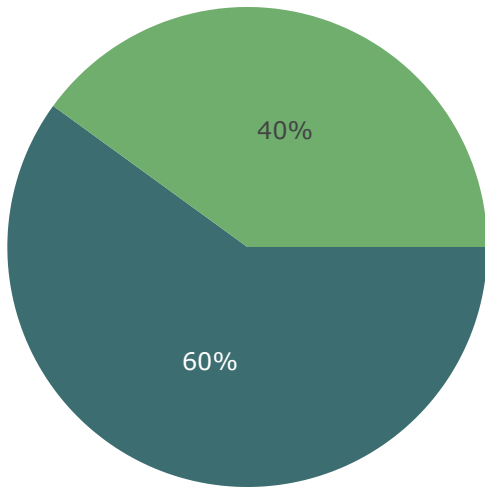
Mar2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	0.85

Apr2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	0	0	0	1.25

May2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

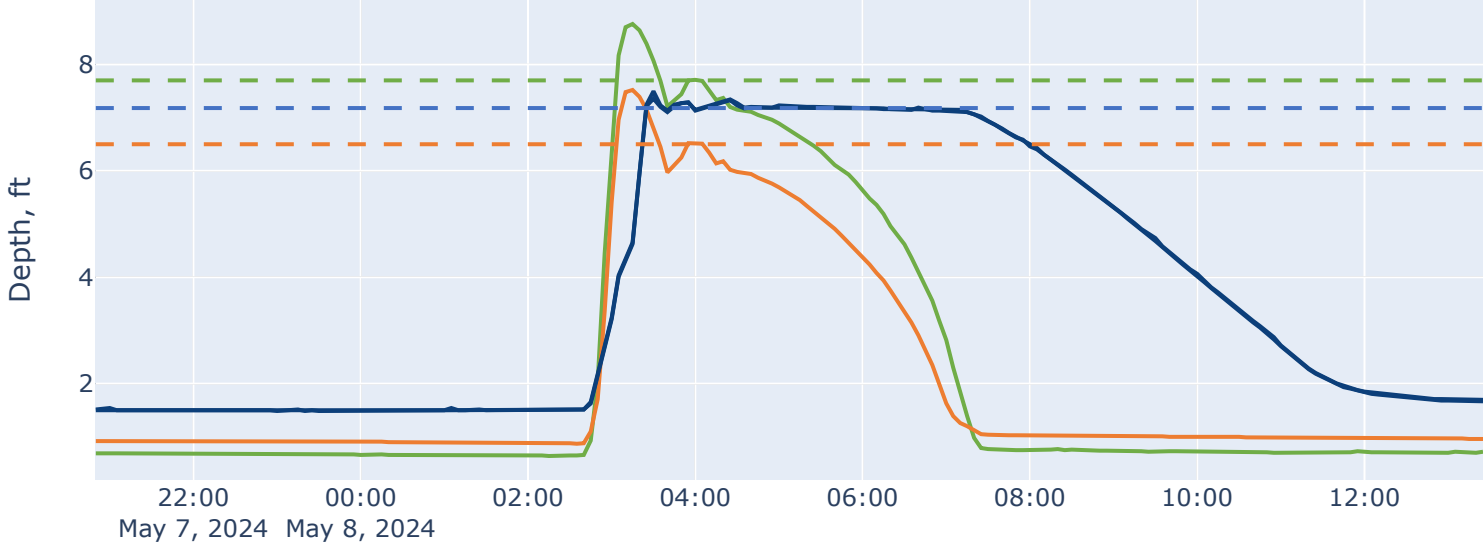
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
2	3	18.73	7.773	1.37

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 07, 2024	0.0	0.883	3.939	82	0.0	100	Poor
May 11, 2024	0.0	0.0	3.87	100	0.0	100	Poor
May 17, 2024	0.0	1.909	3.901	67	0.0	100	Poor
May 27, 2024	0.17	0.0	3.125	100	0.747	81	Poor
May 28, 2024	0.76	4.981	3.895	44	0.0	100	Poor

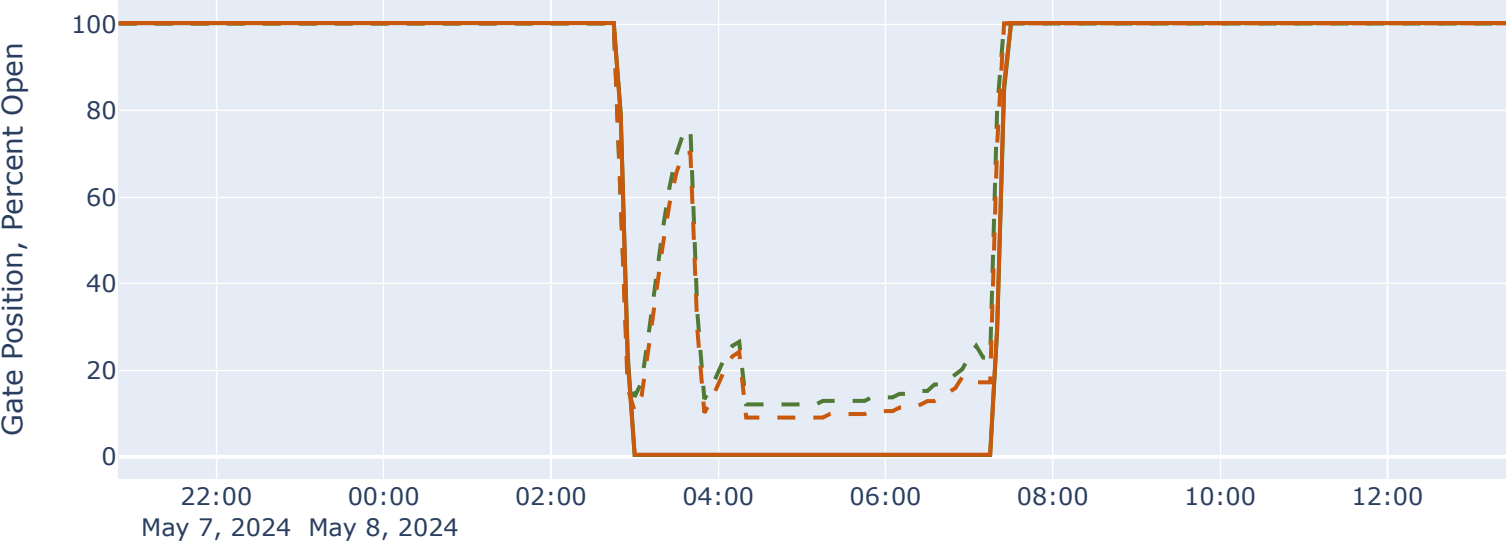
May 07, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	05/07/2024 20:50
Event End Date/Time	05/08/2024 13:25
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

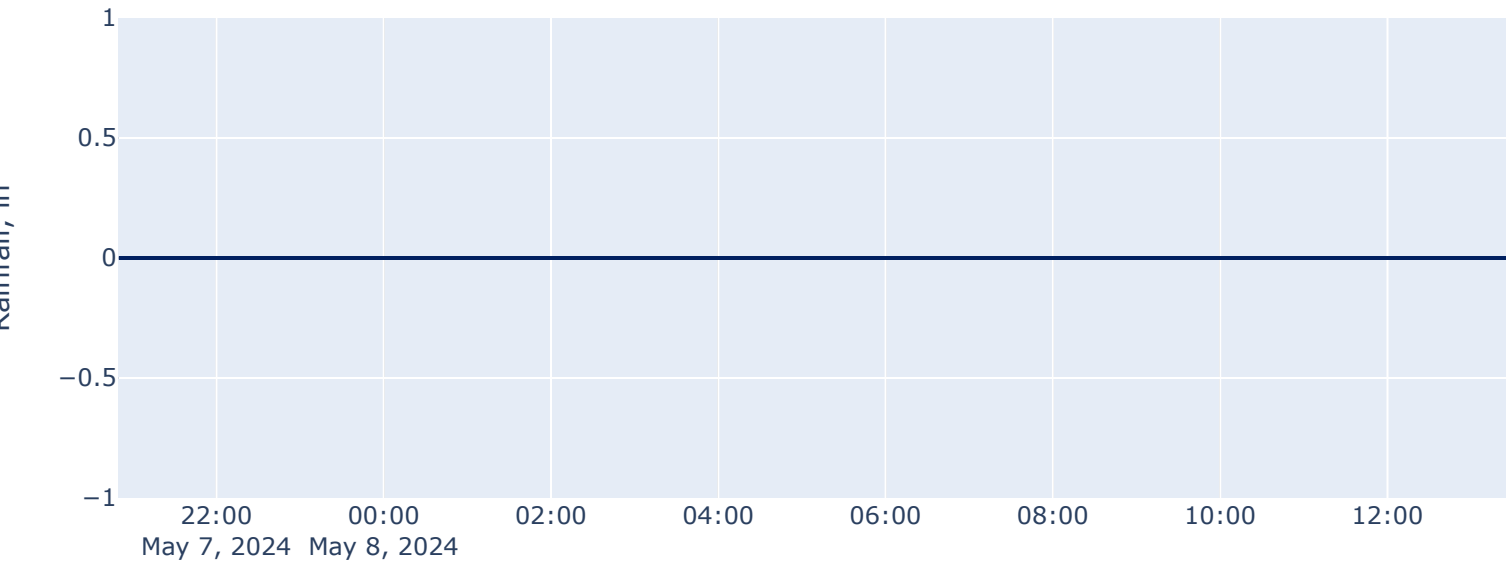
Overflow Data	Value
Overflow Volume Prevented (MG)	3.939
Percent Captured (%)	82
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.883
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.883
Overflow Duration (hr)	2.33



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	0.93	0.93	1.1	1.1
Site Return to Normal Depth (ft)	0.77	0.79	1.04	1.05
Time Activated	05/08/2024 02:45	05/08/2024 02:45	05/08/2024 02:45	05/08/2024 02:45
Time Returned to Normal	05/08/2024 07:30	05/08/2024 07:25	05/08/2024 07:30	05/08/2024 07:25



RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.075	1.864
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	8.39	7.15
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No

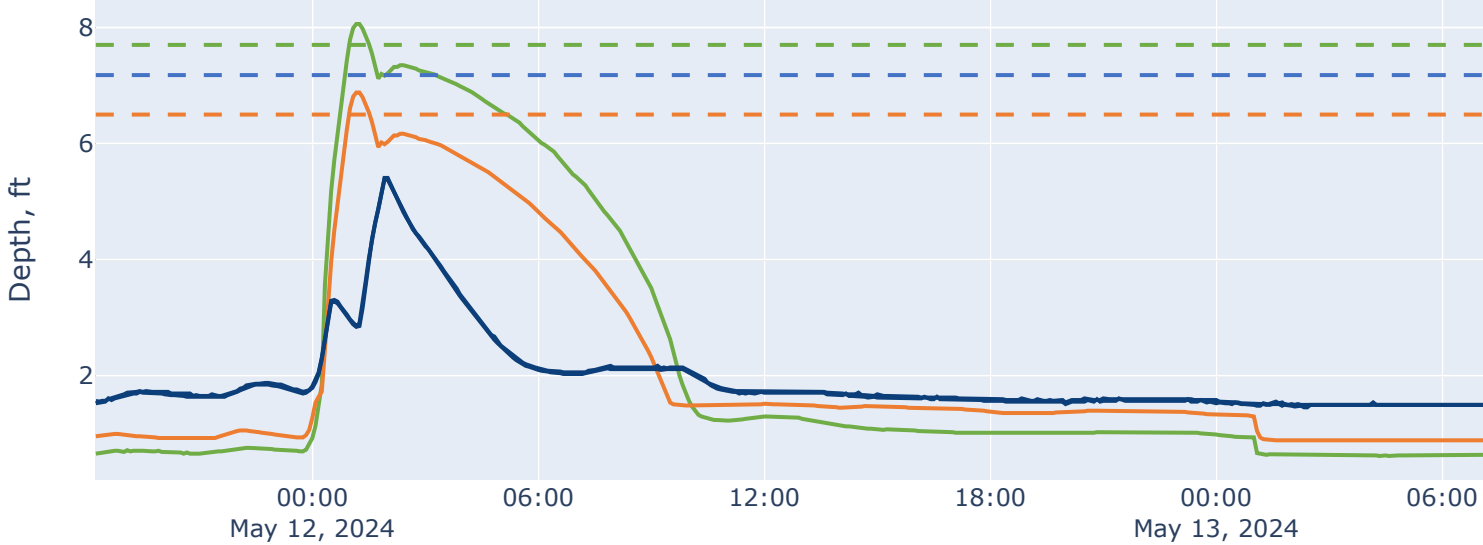


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

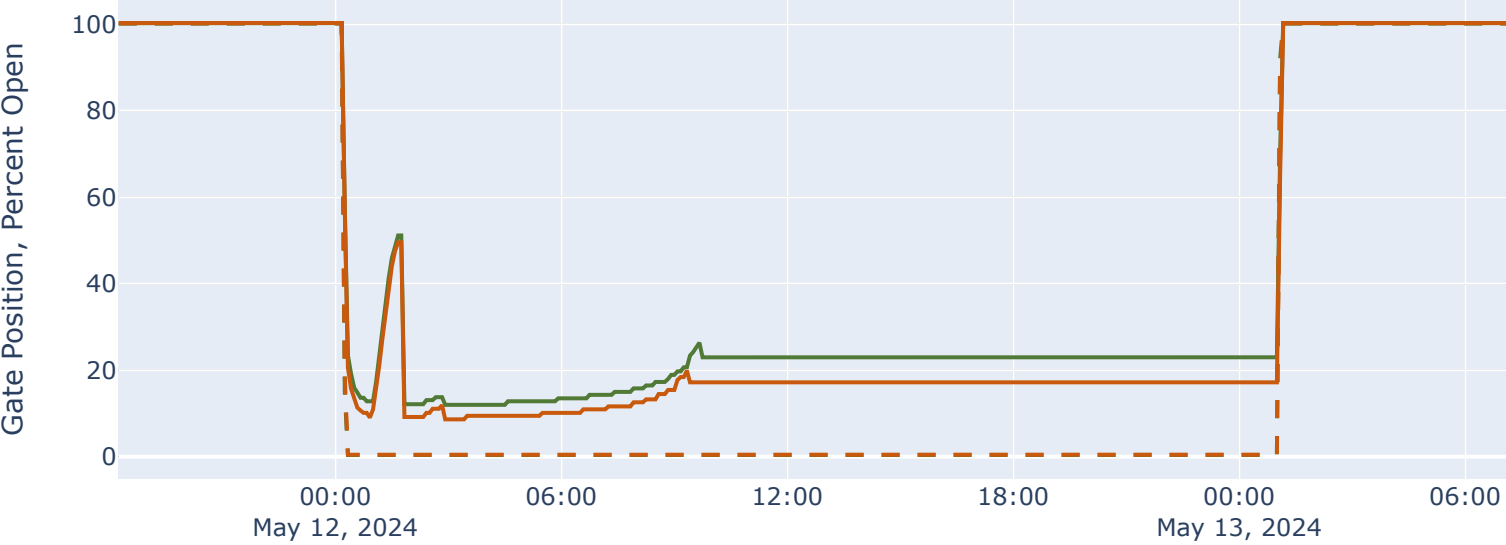
May 11, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	05/11/2024 18:15
Event End Date/Time	05/13/2024 07:05
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

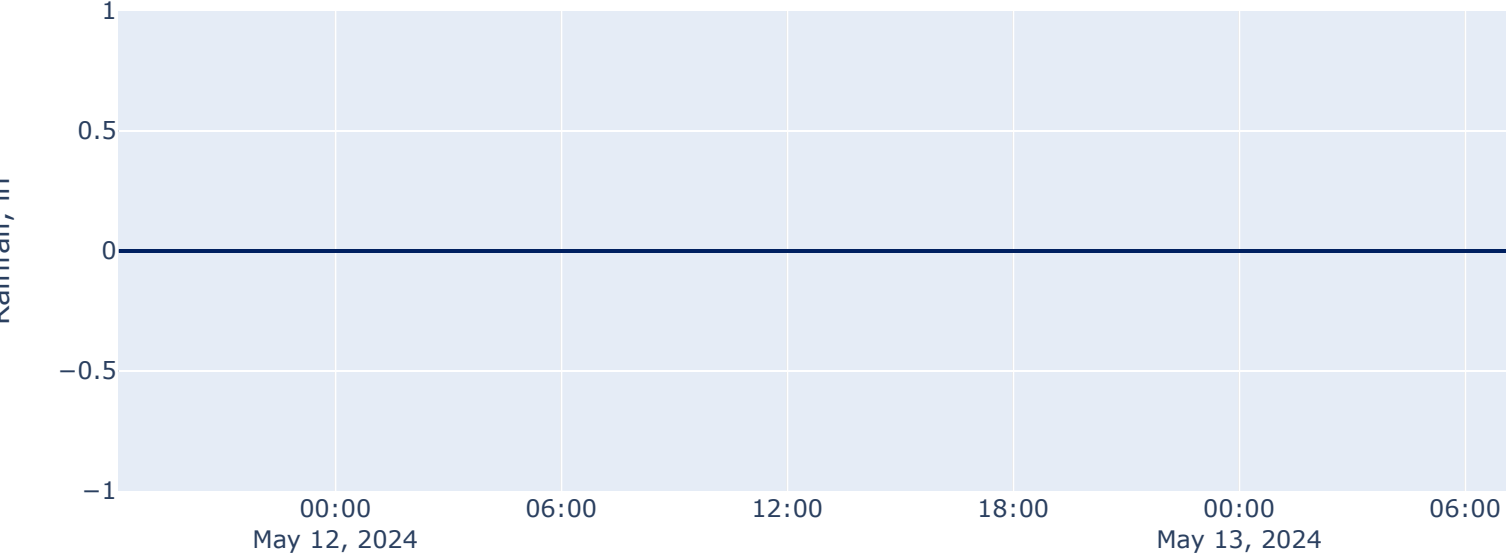
Overflow Data	Value
Overflow Volume Prevented (MG)	3.87
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.43	1.43	1.64	1.64
Site Return to Normal Depth (ft)	0.66	0.66	0.94	0.94
Time Activated	05/12/2024 00:10	05/12/2024 00:10	05/12/2024 00:10	05/12/2024 00:10
Time Returned to Normal	05/13/2024 01:10	05/13/2024 01:10	05/13/2024 01:10	05/13/2024 01:10



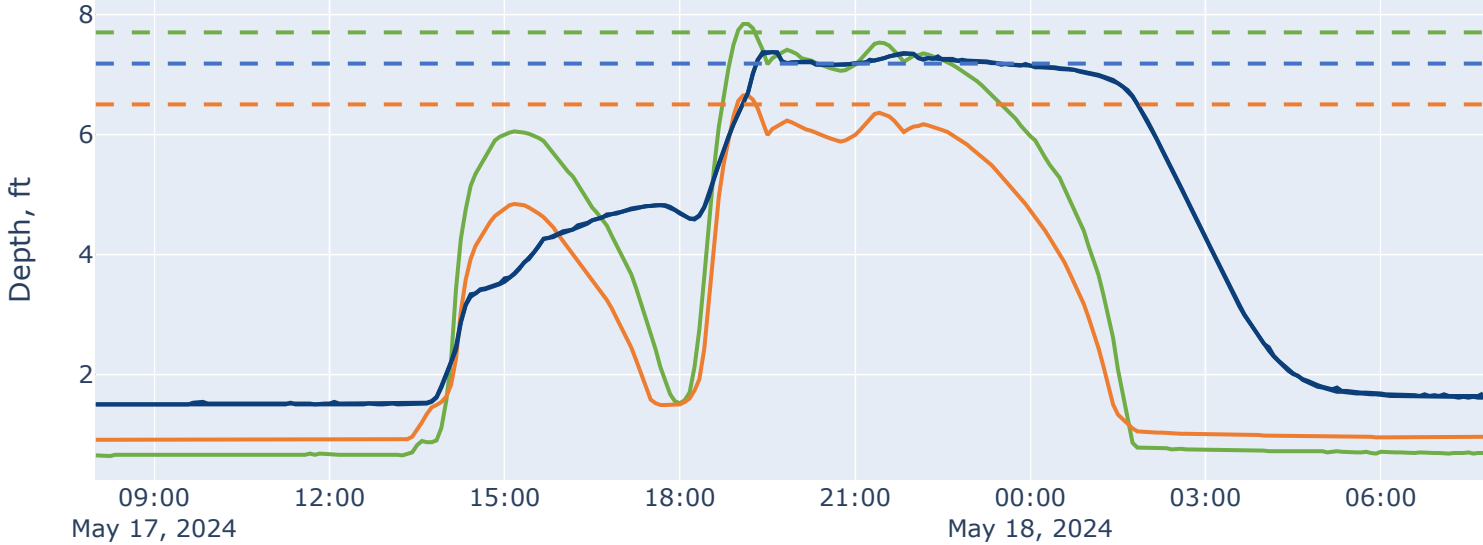
RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.046	1.824
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No



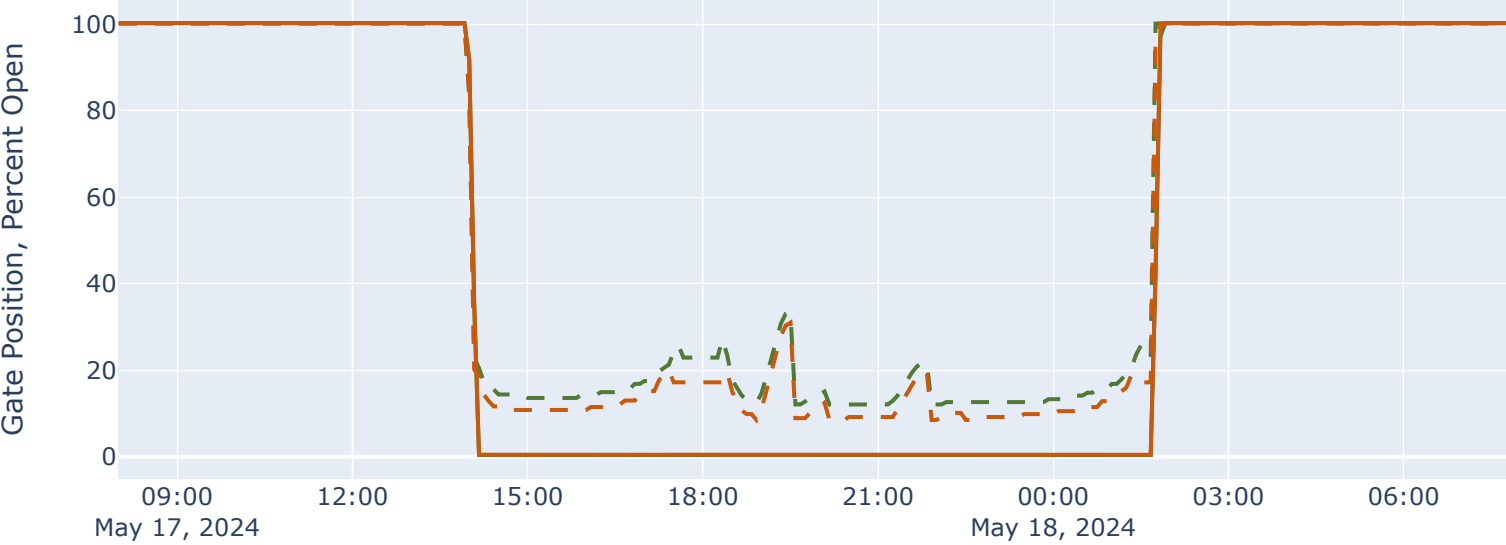
May 17, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	05/17/2024 08:00
Event End Date/Time	05/18/2024 07:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

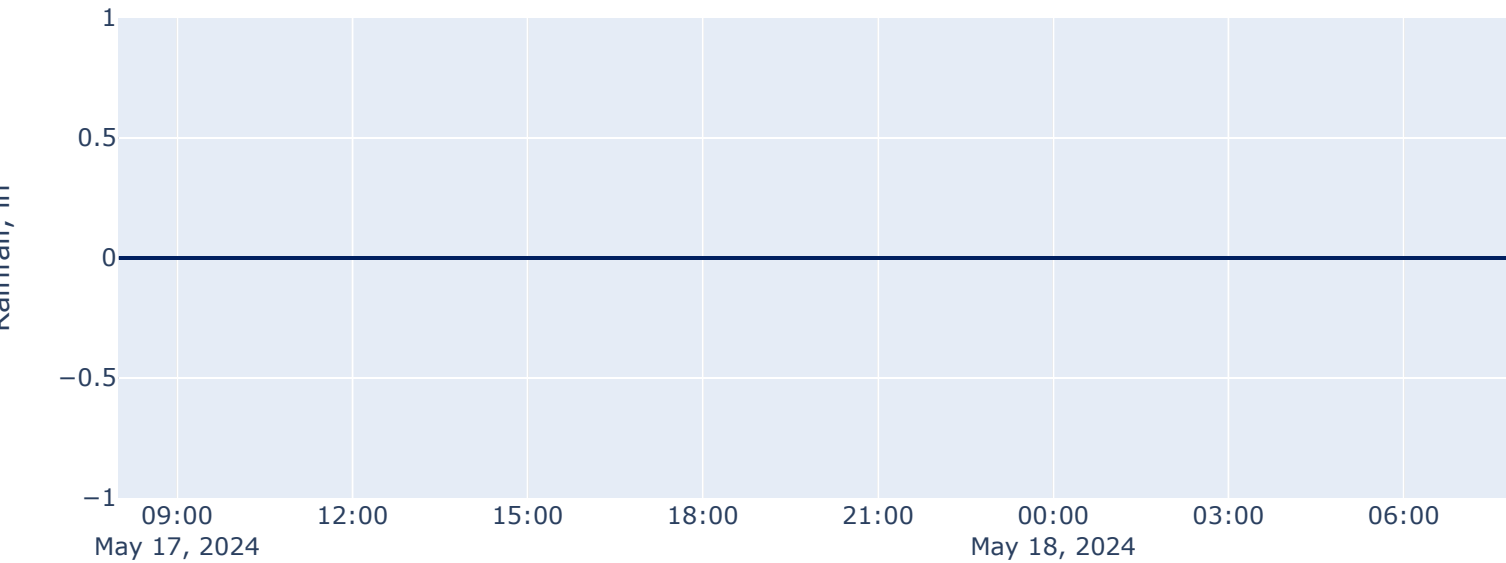
Overflow Data	Value
Overflow Volume Prevented (MG)	3.901
Percent Captured (%)	67
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.909
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.909
Overflow Duration (hr)	4.0



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.11	1.11	1.54	1.54
Site Return to Normal Depth (ft)	0.78	0.86	1.05	1.05
Time Activated	05/17/2024 13:55	05/17/2024 13:55	05/17/2024 13:55	05/17/2024 13:55
Time Returned to Normal	05/18/2024 01:55	05/18/2024 01:45	05/18/2024 01:50	05/18/2024 01:50



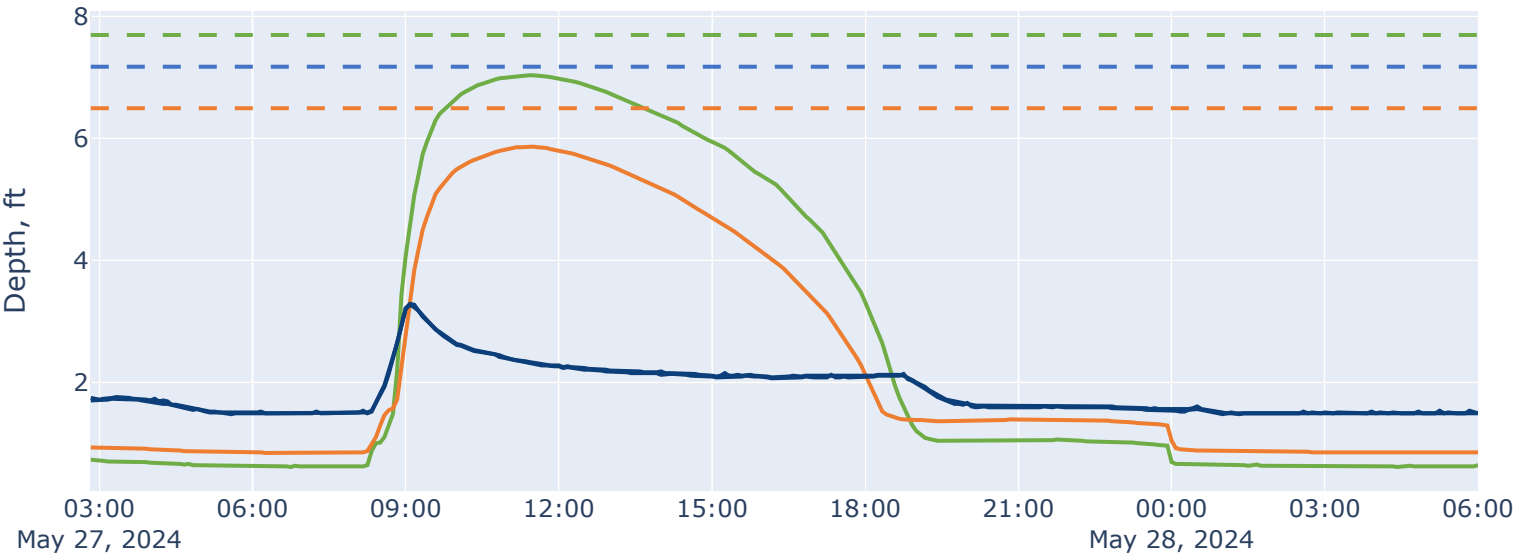
RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.067	1.834
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	7.61	6.43
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No



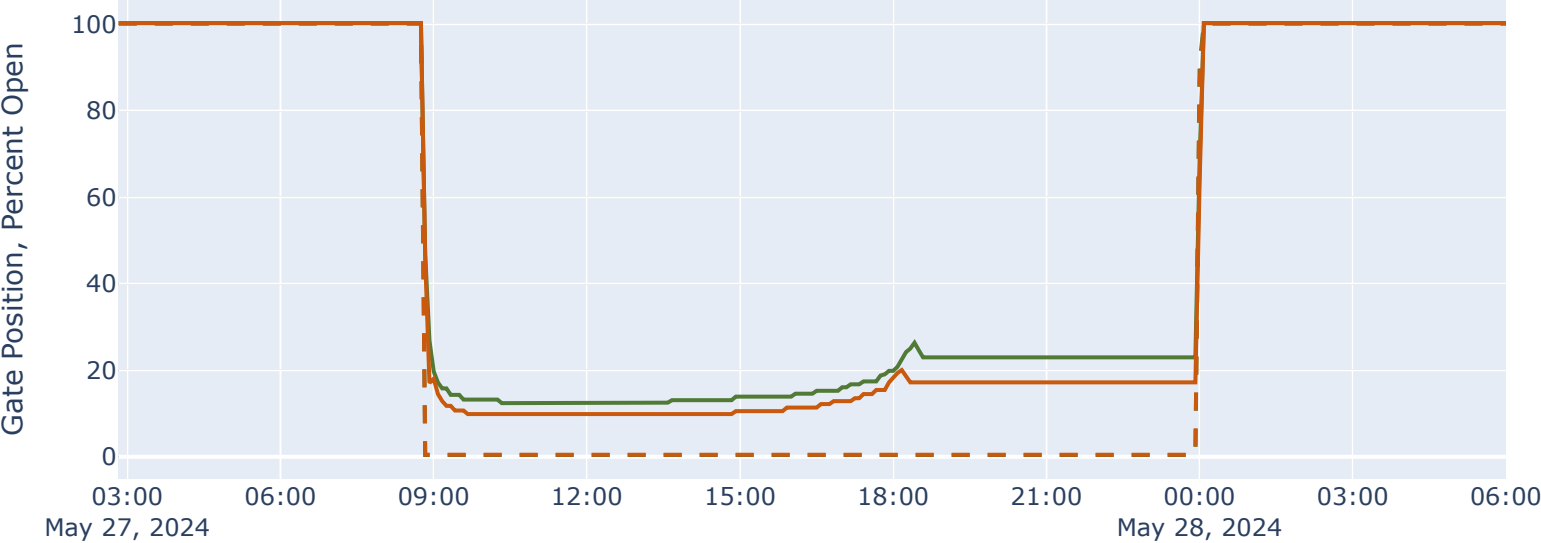
May 27, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	05/27/2024 02:50
Event End Date/Time	05/28/2024 06:00
Total Rainfall Accumulation (in)	0.17
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	1.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

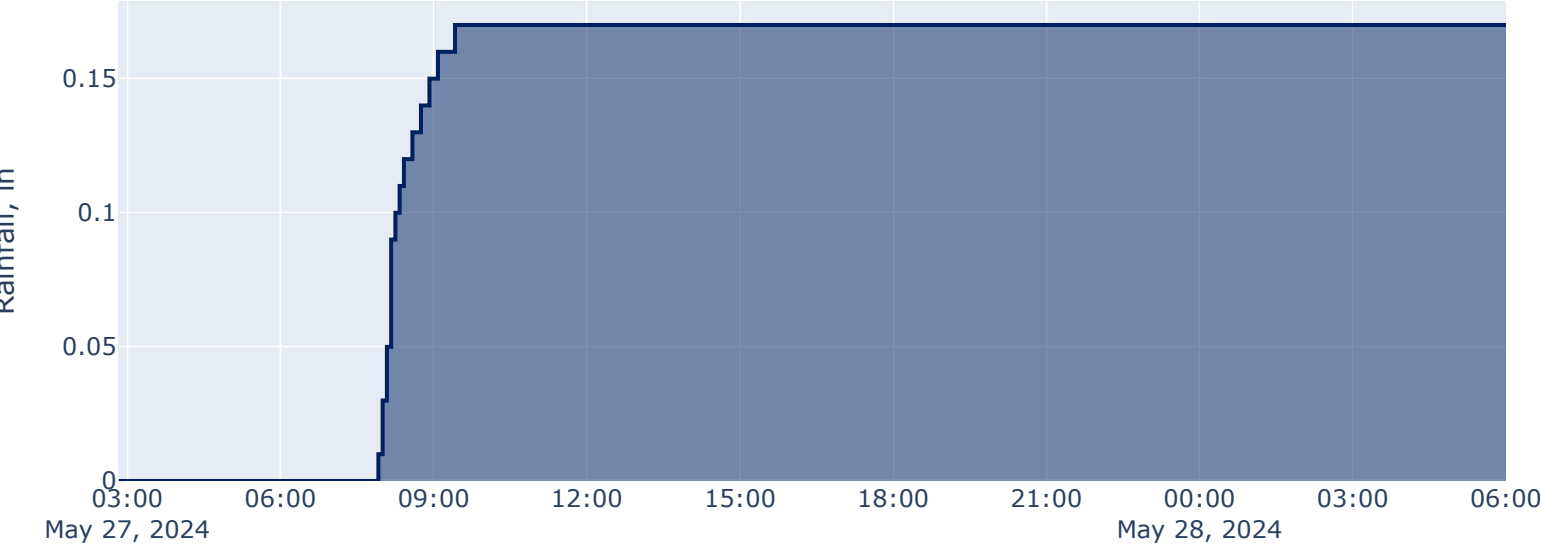
Overflow Data	Value
Overflow Volume Prevented (MG)	3.125
Percent Captured (%)	100
Unused Storage Volume (MG)	0.747
Overflow Before Storage Full	No
Storage Utilization (%)	81
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.49	1.49	1.58	1.58
Site Return to Normal Depth (ft)	0.67	0.67	0.93	0.93
Time Activated	05/27/2024 08:45	05/27/2024 08:45	05/27/2024 08:45	05/27/2024 08:45
Time Returned to Normal	05/28/2024 00:05	05/28/2024 00:05	05/28/2024 00:05	05/28/2024 00:05



RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.04	5.87
Volume Stored (MG)	1.68	1.445
Unused Storage Volume (MG)	0.361	0.386
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No

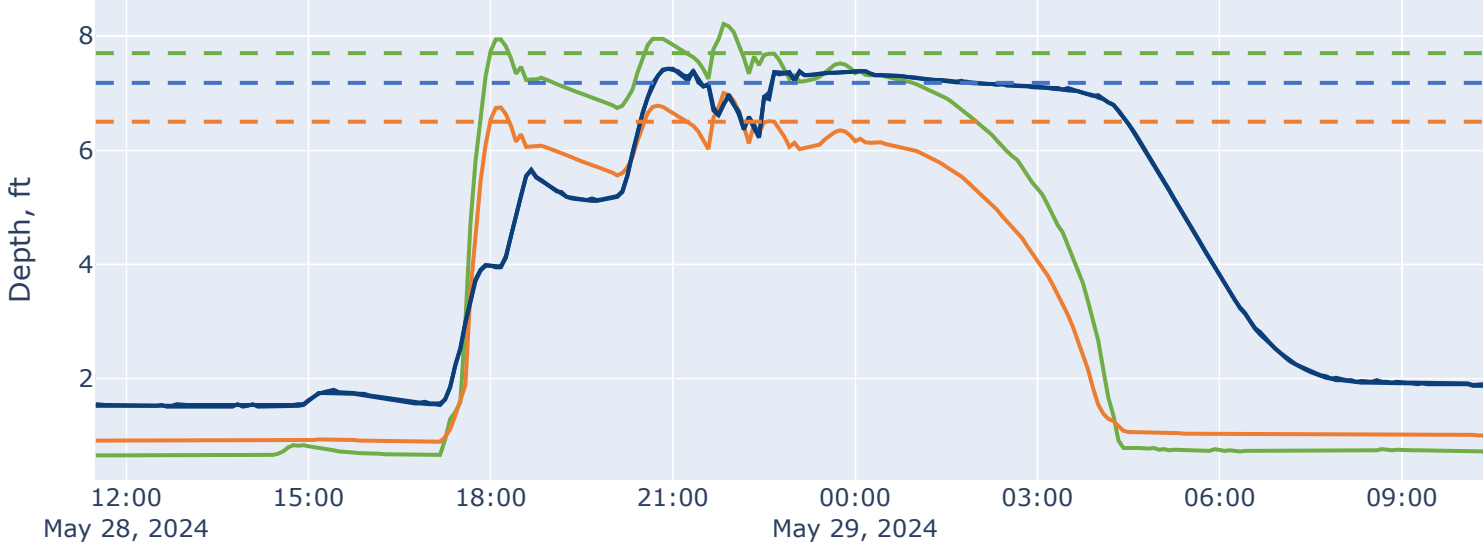


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

May 28, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

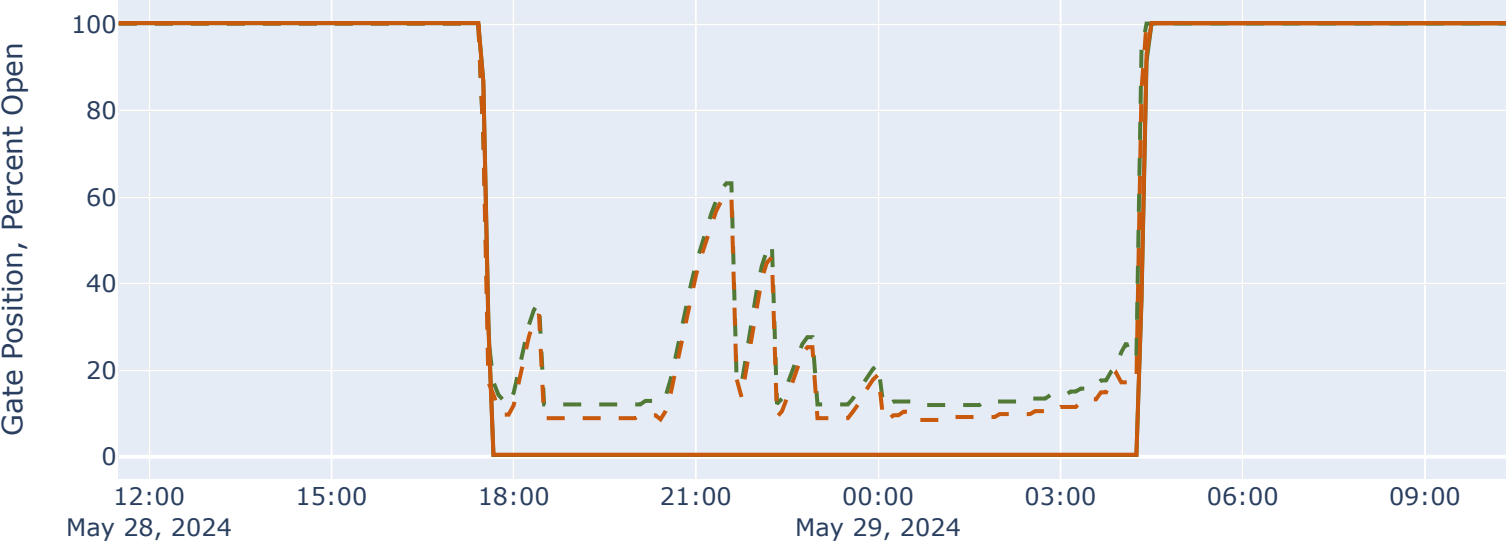
Event Data	Value
Event Start Date/Time	05/28/2024 11:30
Event End Date/Time	05/29/2024 10:20
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	7.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	3.895
Percent Captured (%)	44
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.981
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.981
Overflow Duration (hr)	5.08

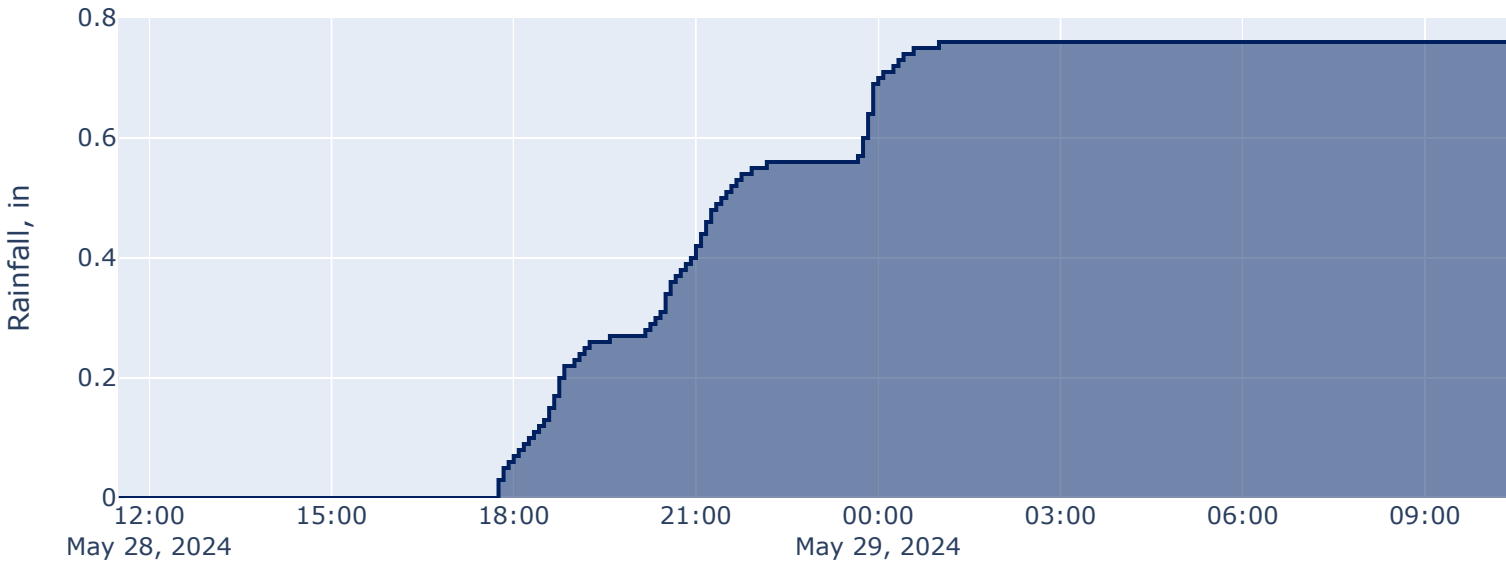


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

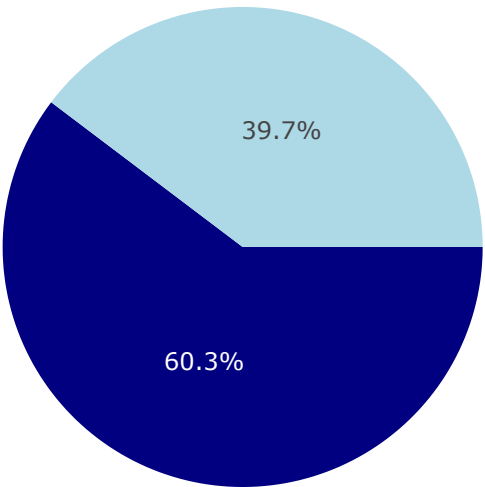
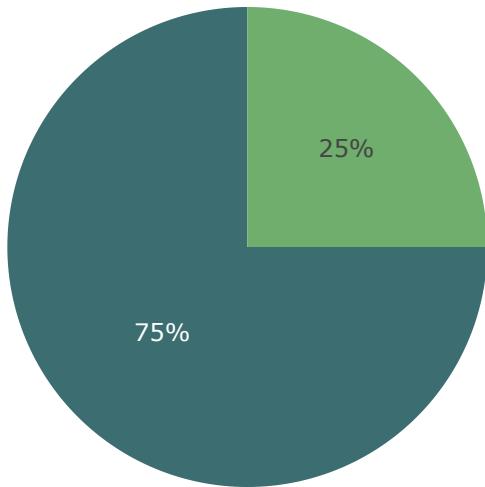
RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.42	1.42	1.36	1.36
Site Return to Normal Depth (ft)	0.8	0.79	1.07	1.09
Time Activated	05/28/2024 17:25	05/28/2024 17:25	05/28/2024 17:25	05/28/2024 17:25
Time Returned to Normal	05/29/2024 04:30	05/29/2024 04:25	05/29/2024 04:30	05/29/2024 04:25



RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.046	1.849
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	7.96	6.78
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No



Jun2024 KPI Report for SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

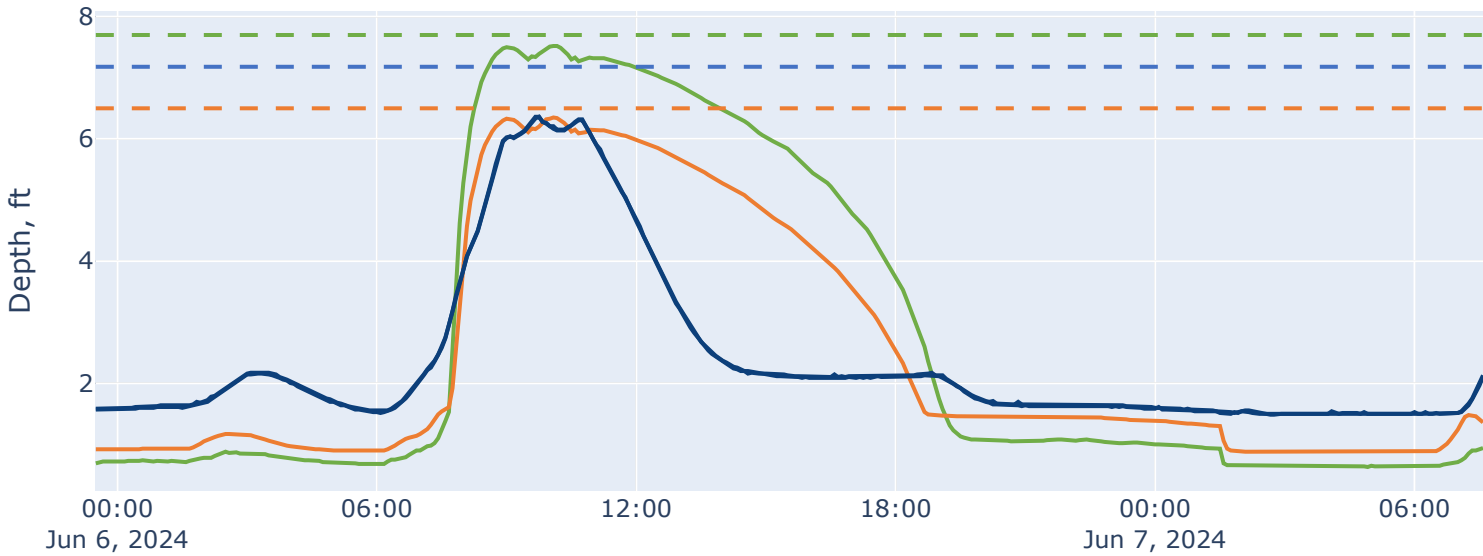
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
1	3	15.458	10.176	1.84

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 05, 2024	0.56	0.0	3.684	100	0.198	95	Good
June 08, 2024	0.74	6.481	3.888	37	0.0	100	Good
June 18, 2024	0.29	2.72	3.935	59	0.0	100	Good
June 19, 2024	0.0	0.975	3.951	80	0.0	100	Good

June 05, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

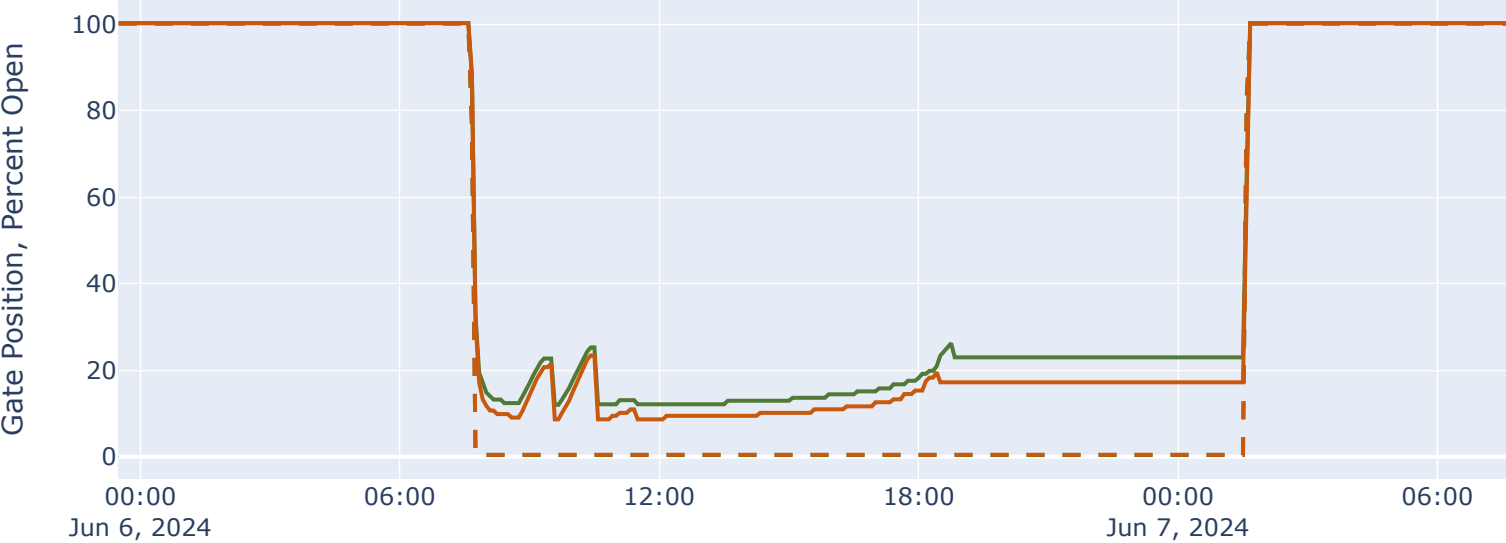
Event Data	Value
Event Start Date/Time	06/05/2024 23:30
Event End Date/Time	06/07/2024 07:35
Total Rainfall Accumulation (in)	0.56
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	9.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	3.684
Percent Captured (%)	100
Unused Storage Volume (MG)	0.198
Overflow Before Storage Full	No
Storage Utilization (%)	95
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

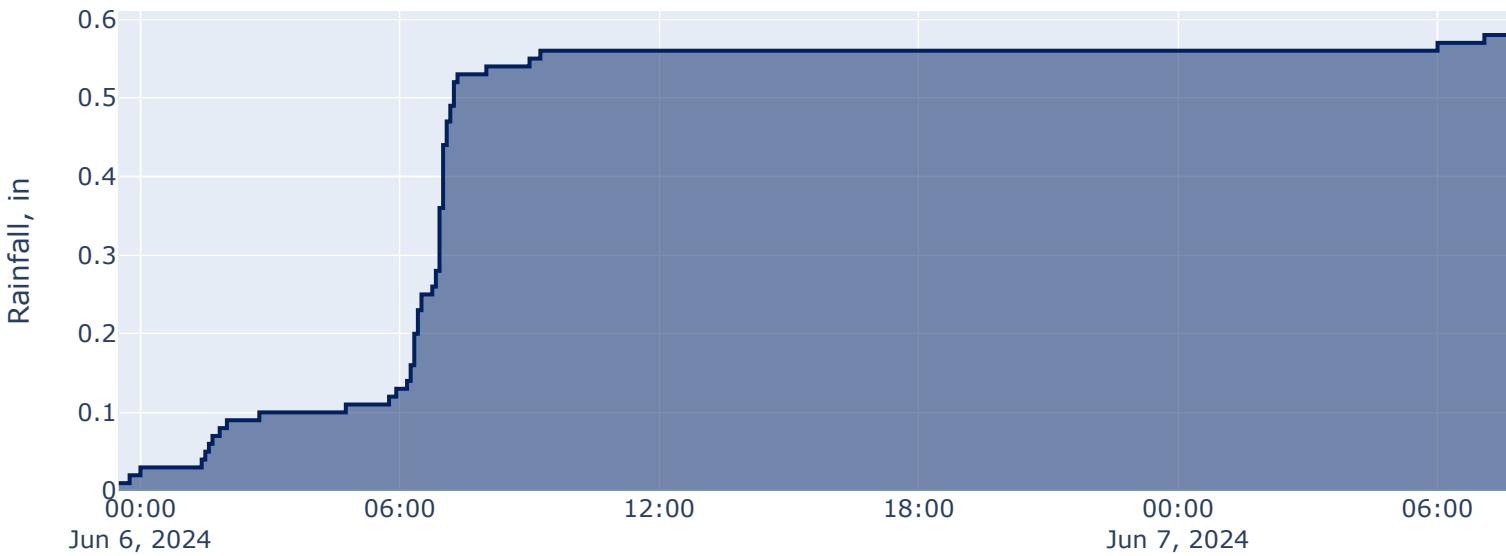


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.38	1.38	1.57	1.57
Site Return to Normal Depth (ft)	0.66	0.66	0.93	0.93
Time Activated	06/06/2024 07:35	06/06/2024 07:35	06/06/2024 07:35	06/06/2024 07:35
Time Returned to Normal	06/07/2024 01:40	06/07/2024 01:40	06/07/2024 01:40	06/07/2024 01:40



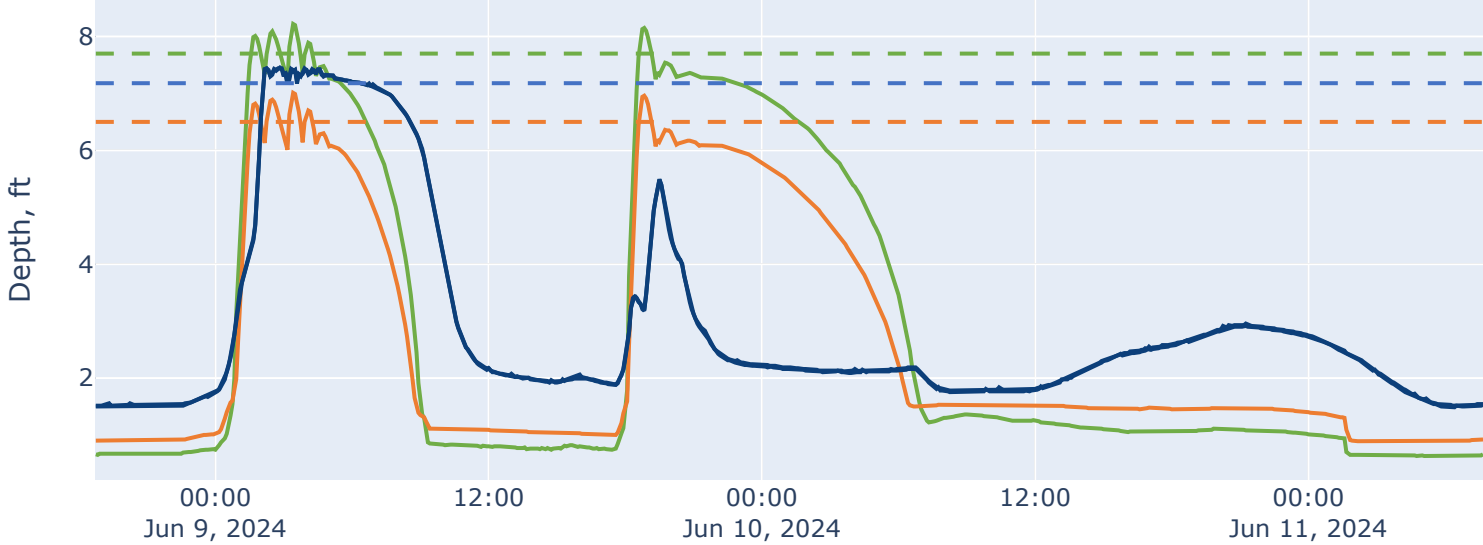
RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.52	6.35
Volume Stored (MG)	1.948	1.736
Unused Storage Volume (MG)	0.102	0.096
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No



June 08, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

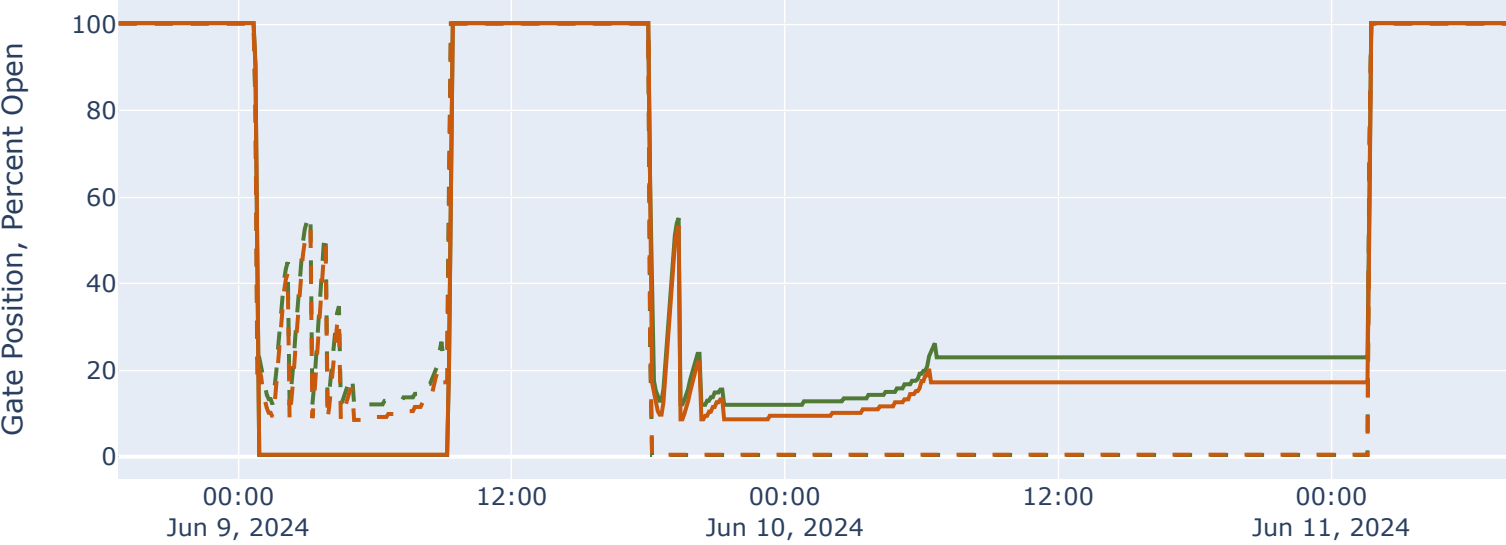
Event Data	Value
Event Start Date/Time	06/08/2024 18:45
Event End Date/Time	06/11/2024 07:40
Total Rainfall Accumulation (in)	0.74
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	7.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	3.888
Percent Captured (%)	37
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	6.481
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	6.481
Overflow Duration (hr)	4.08

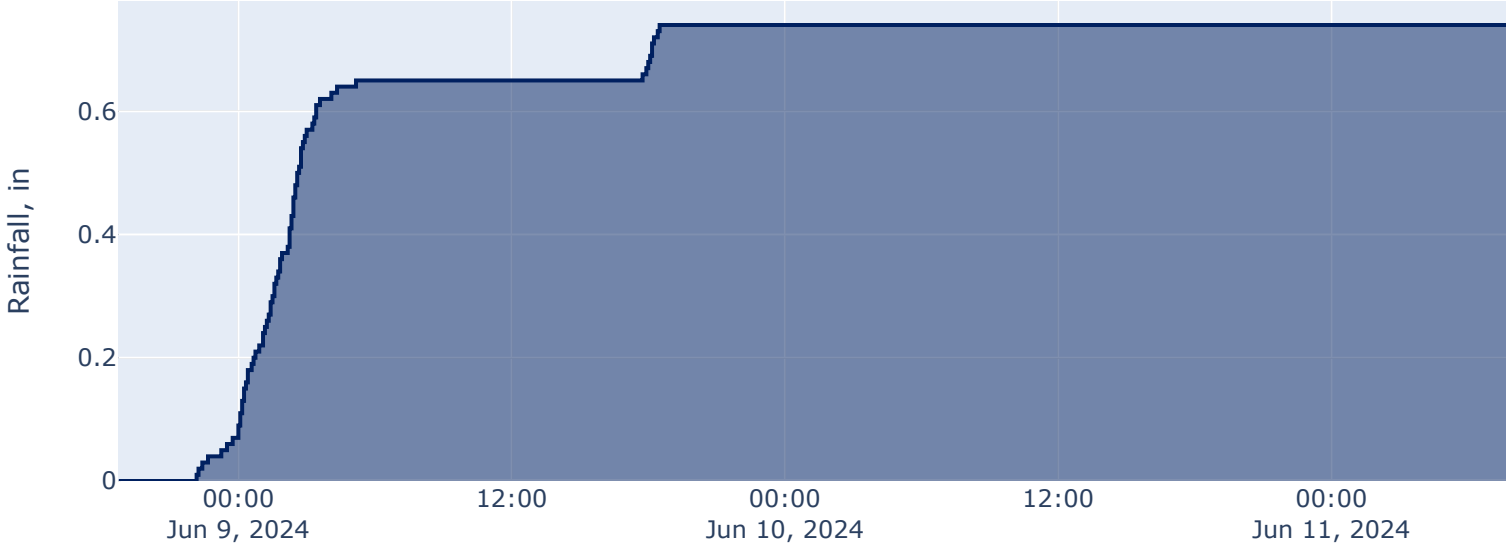


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	1.34	1.34	1.52	1.52
Site Return to Normal Depth (ft)	0.66	0.66	0.95	0.95
Time Activated	06/09/2024 00:40	06/09/2024 00:40	06/09/2024 00:40	06/09/2024 00:40
Time Returned to Normal	06/11/2024 01:45	06/11/2024 01:45	06/11/2024 01:45	06/11/2024 01:45



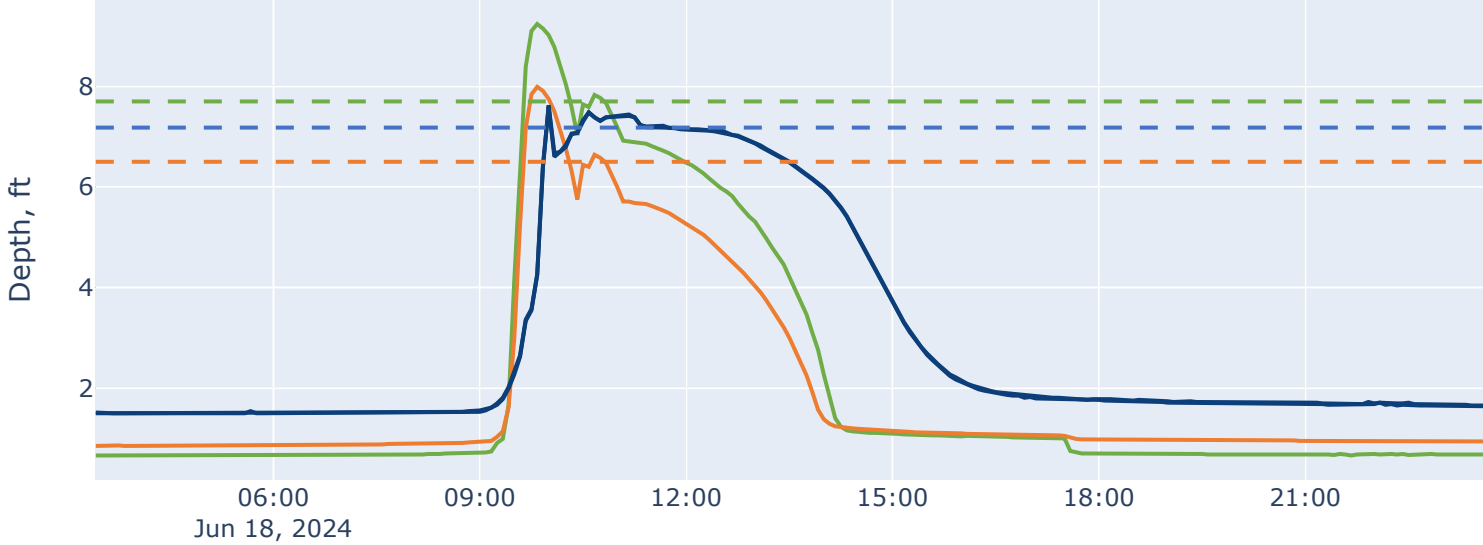
RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.052	1.836
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	7.51	6.31
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No



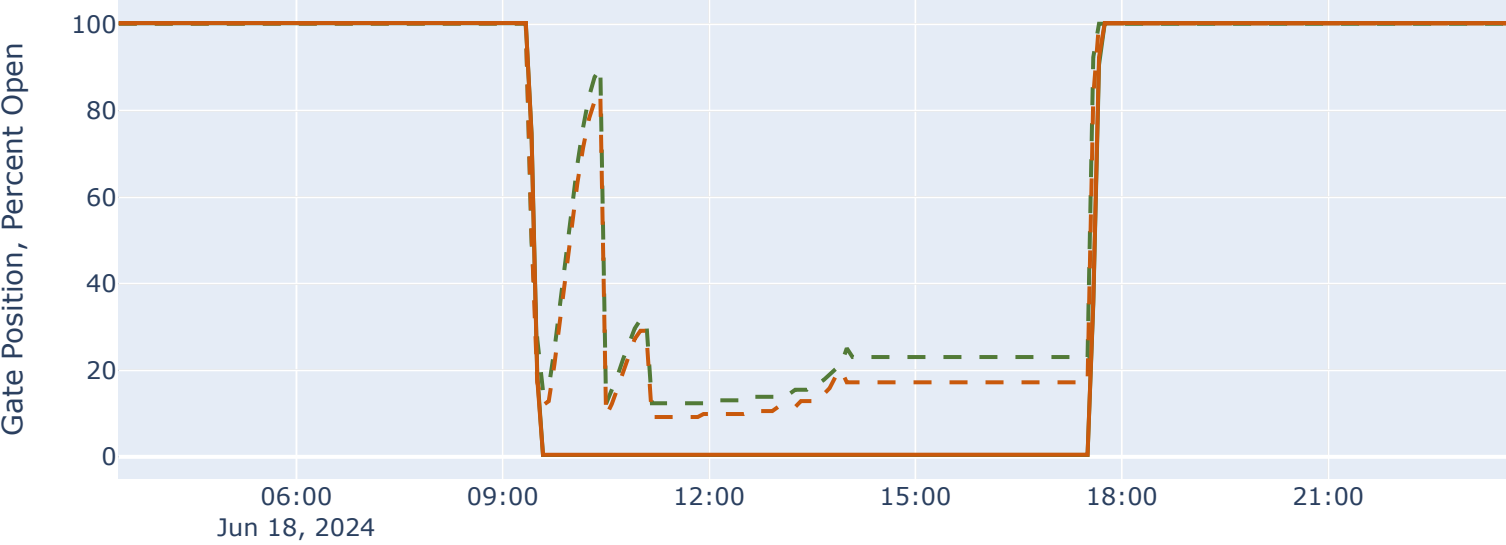
June 18, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

Event Data	Value
Event Start Date/Time	06/18/2024 03:25
Event End Date/Time	06/18/2024 23:35
Total Rainfall Accumulation (in)	0.29
Maximum Rainfall Intensity (in/hr)	1.44
Storm Event Duration (hr)	0.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

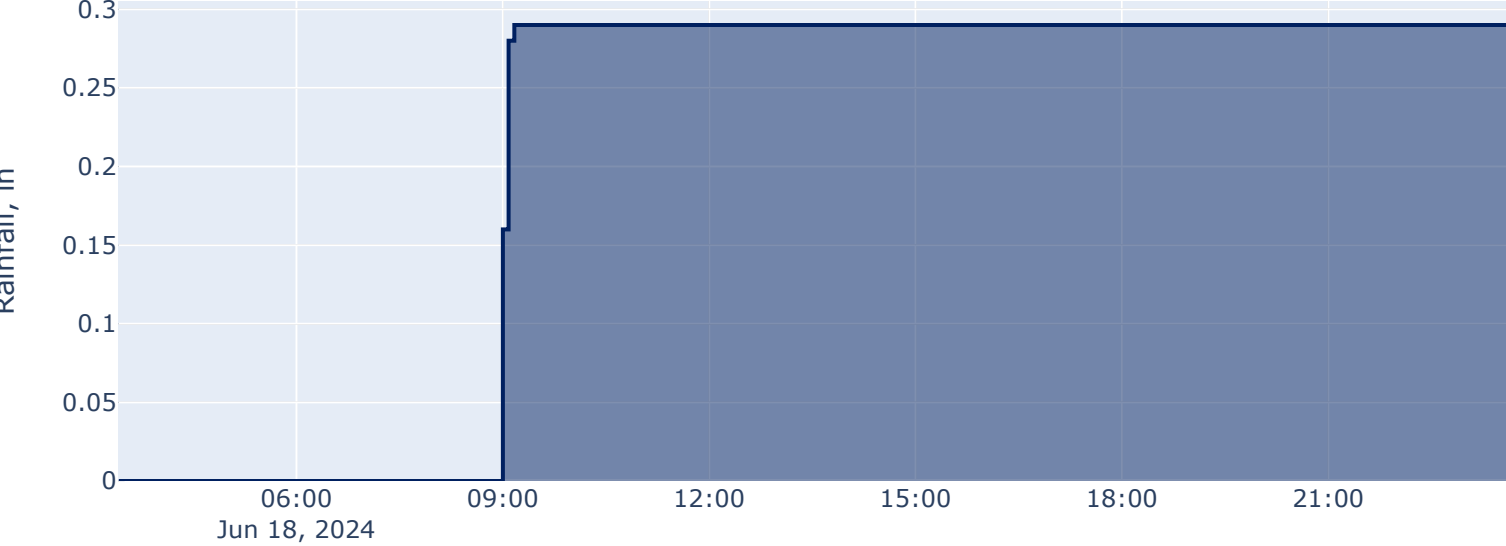
Overflow Data	Value
Overflow Volume Prevented (MG)	3.935
Percent Captured (%)	59
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.72
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.72
Overflow Duration (hr)	1.67



RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	0.99	0.99	1.14	1.14
Site Return to Normal Depth (ft)	0.7	0.71	0.98	0.99
Time Activated	06/18/2024 09:20	06/18/2024 09:20	06/18/2024 09:20	06/18/2024 09:20
Time Returned to Normal	06/18/2024 17:45	06/18/2024 17:40	06/18/2024 17:45	06/18/2024 17:40



RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.073	1.862
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	9.02	7.75
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No

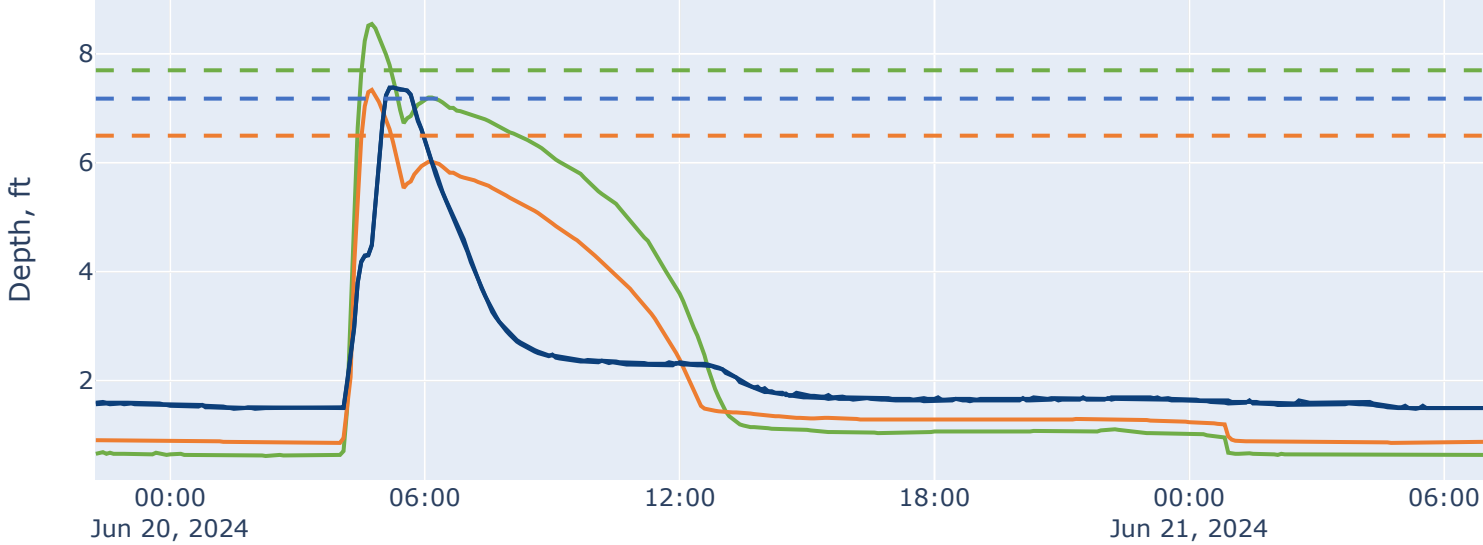


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

June 19, 2024 SPP001
RTC Site(s) Hertel North & Hertel South - v1.0.4

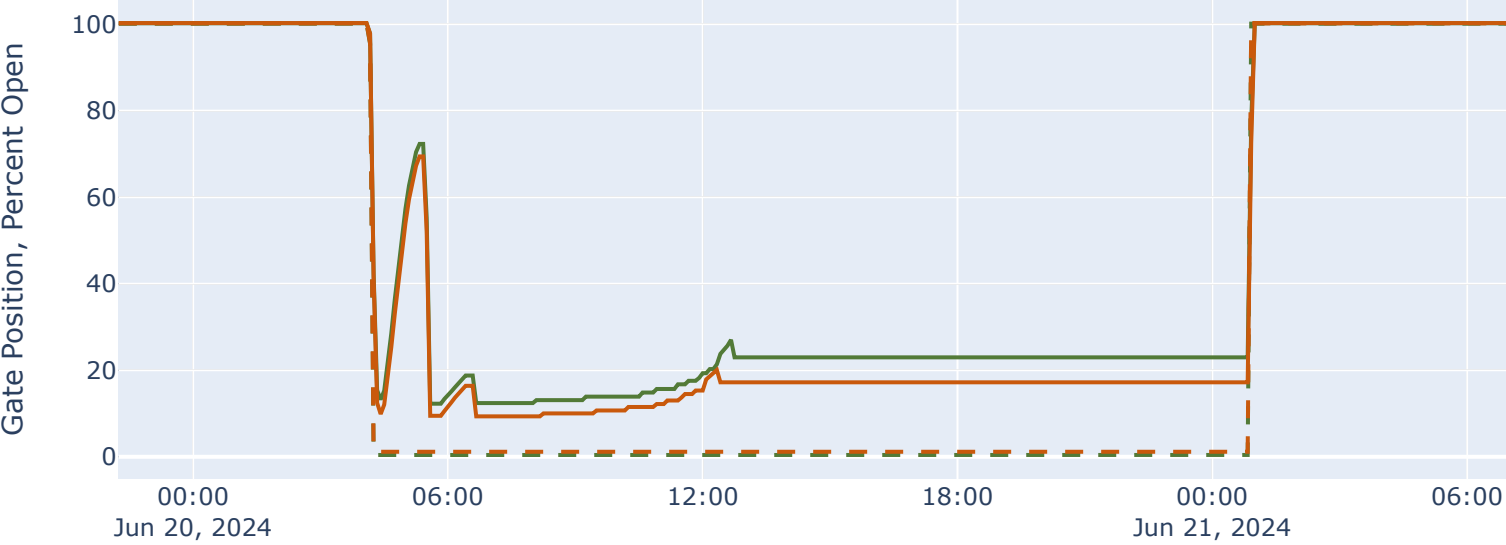
Event Data	Value
Event Start Date/Time	06/19/2024 22:15
Event End Date/Time	06/21/2024 06:55
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	3.951
Percent Captured (%)	80
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.975
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.975
Overflow Duration (hr)	0.58

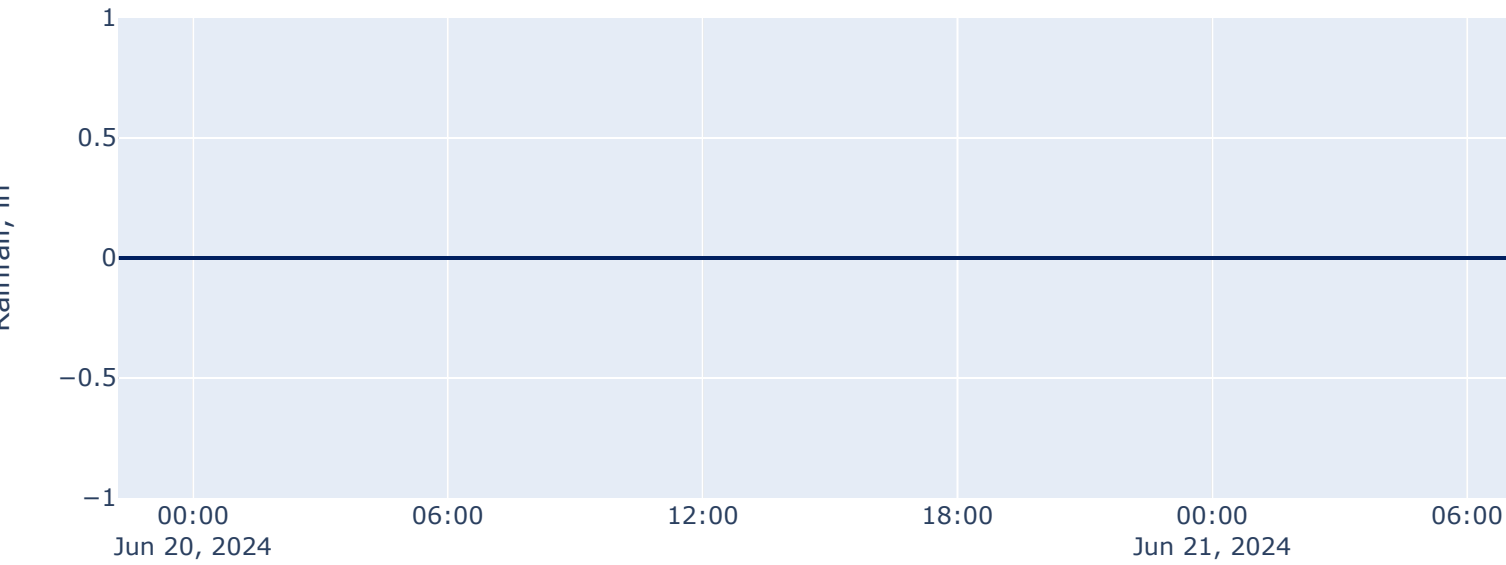


- Hertel RTC North Upstream Level
- Hertel RTC South Upstream Level
- Depth at SPP 1
- Depth at SPP 2
- Depth at SPP 3
- Hertel North Weir Height
- Hertel South Weir Height
- SPP Weir Height
- Hertel RTC North Gate 1 Position
- Hertel RTC North Gate 2 Position
- Hertel RTC South Gate 3 Position
- Hertel RTC South Gate 4 Position
- BSA Kelly X PS

RTC Sites	Hertel North Gate 1	Hertel North Gate 2	Hertel South Gate 3	Hertel South Gate 4
Site Depth at Activation (ft)	0.71	0.71	0.95	0.95
Site Return to Normal Depth (ft)	0.66	0.68	0.92	0.98
Time Activated	06/20/2024 04:05	06/20/2024 04:05	06/20/2024 04:05	06/20/2024 04:05
Time Returned to Normal	06/21/2024 01:00	06/21/2024 00:55	06/21/2024 01:00	06/21/2024 00:55

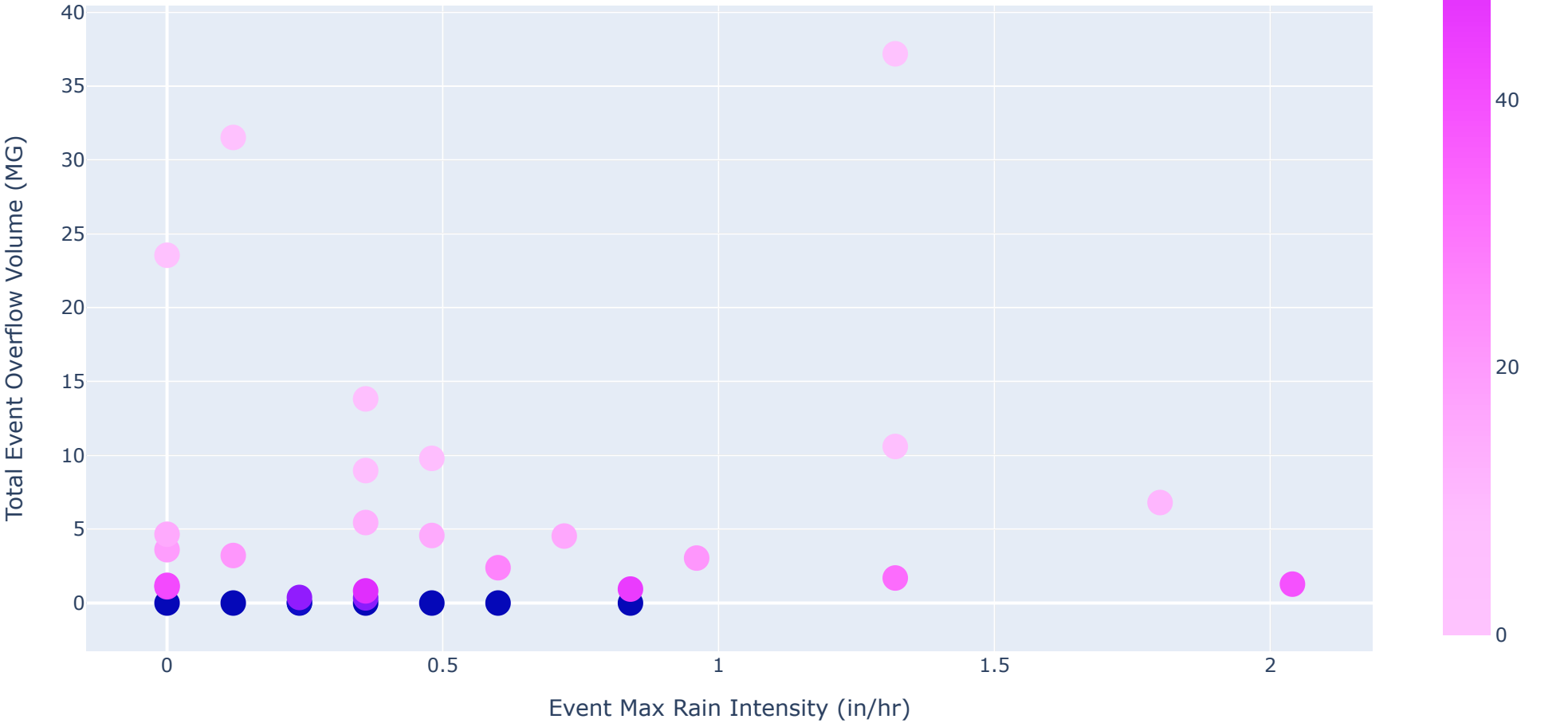
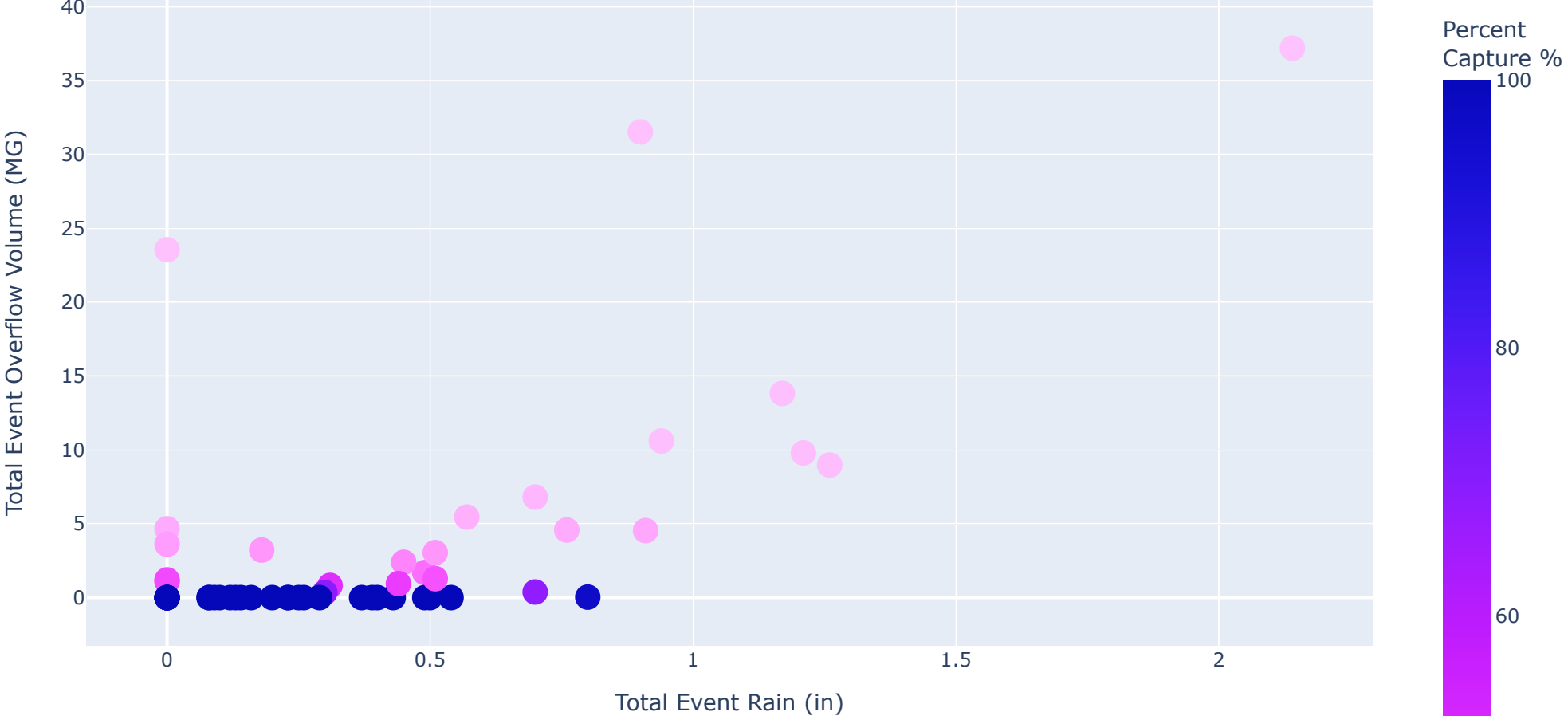


RTC Sites	Hertel North	Hertel South
Depth at Weir Crest (ft)	7.7	6.5
Maximum Depth Reached (ft)	7.7	6.5
Volume Stored (MG)	2.082	1.869
Unused Storage Volume (MG)	0.0	0.0
RTC Depth at Overflow Start (ft)	7.99	6.81
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	No	No

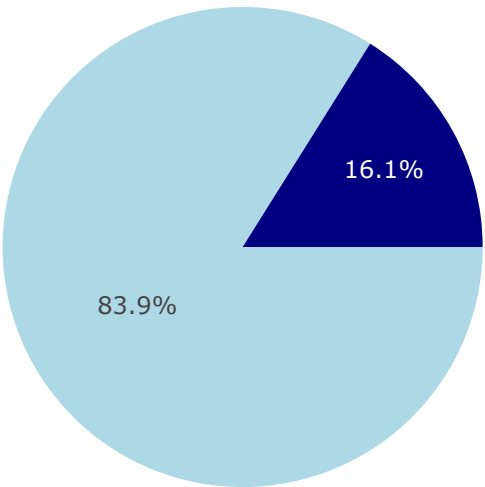
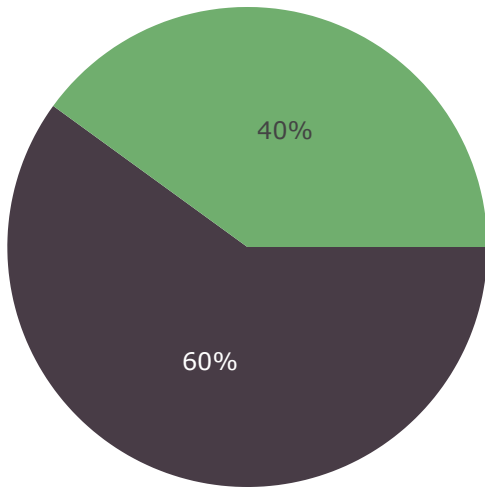


2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	25.0
Occurred SPP Overflow Volume (MG)	181.527
Number of Prevented SPP Overflow Events	27.0
Prevented SPP Overflow Volume (MG)	33.284
Total Observed Rain at BSA Bird Island TF RG (in)	29.71



Jul2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

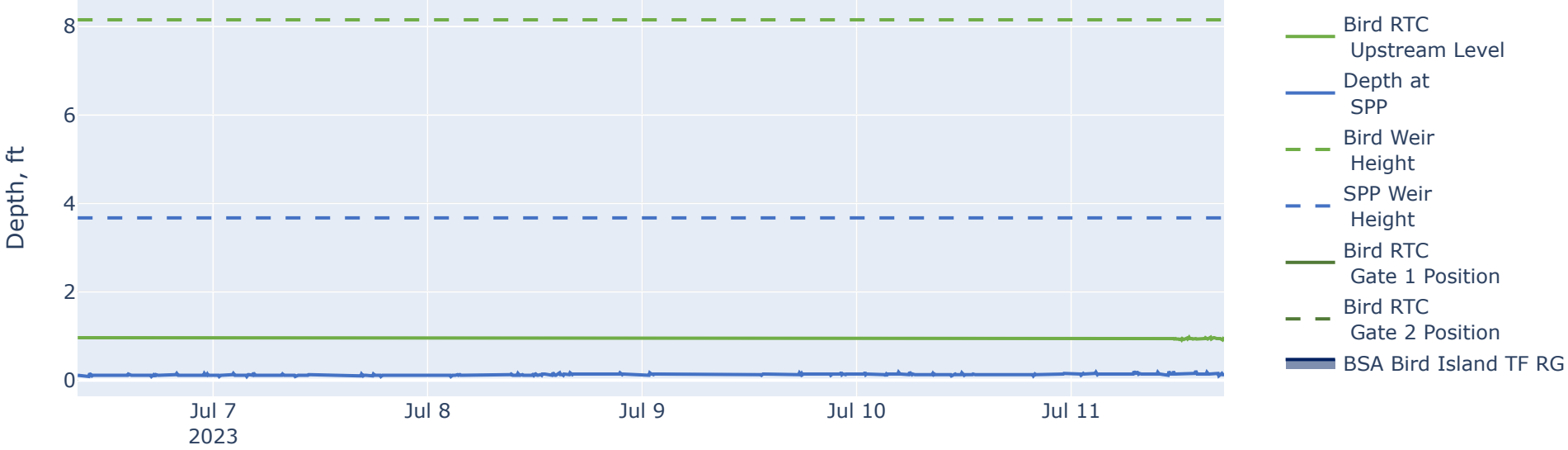
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	3	3.547	18.504	2.33

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 06, 2023	0.0	0.0	0.0	0	1.114	0	Poor
July 12, 2023	0.0	0.0	0.207	100	0.886	19	Poor
July 15, 2023	0.0	1.1	0.832	43	0.274	75	Poor
July 20, 2023	0.7	6.804	0.879	11	0.223	80	Poor
July 26, 2023	0.94	10.6	0.841	7	0.251	77	Poor
July 29, 2023	0.5	0.0	0.788	100	0.321	71	Poor

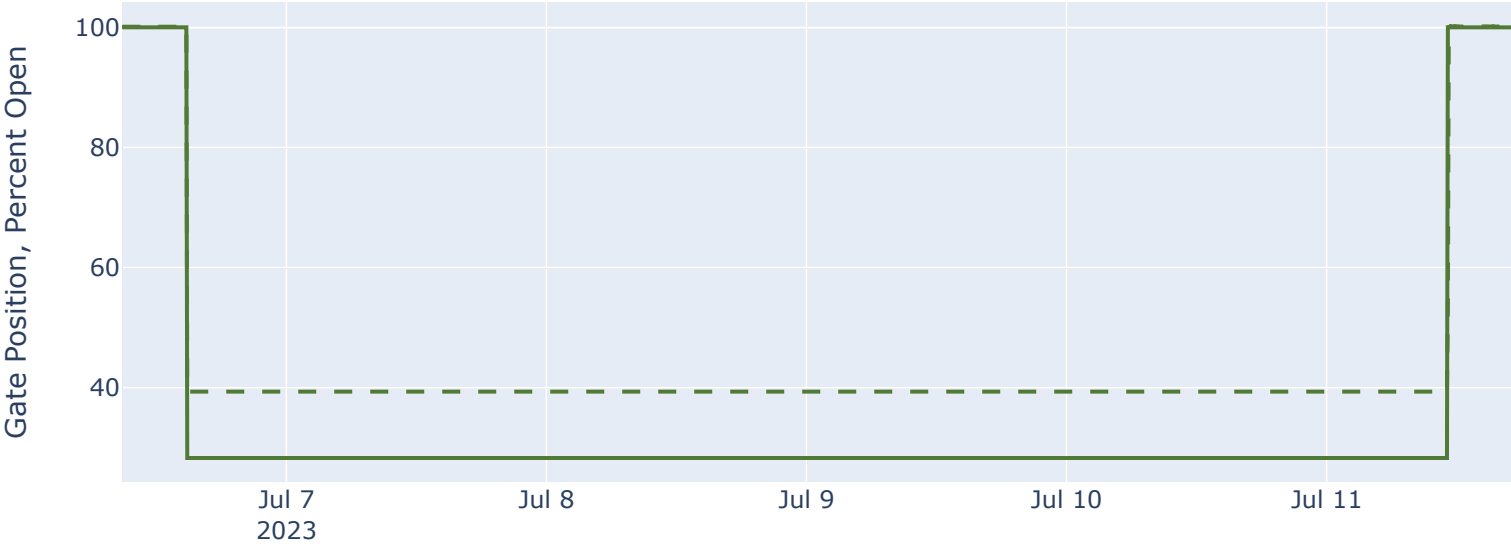
July 06, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	07/06/2023 08:50
Event End Date/Time	07/11/2023 17:05
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

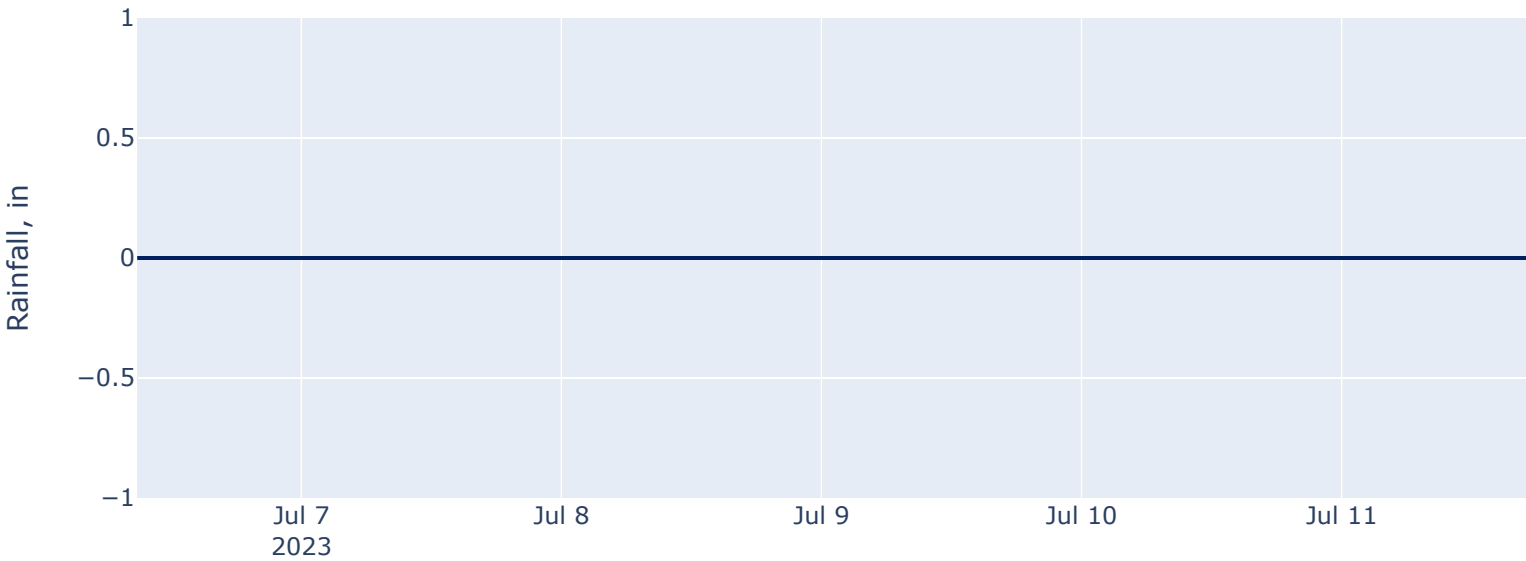
Overflow Data	Value
Overflow Volume Prevented (MG)	0.0
Percent Captured (%)	0
Unused Storage Volume (MG)	1.114
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	0.96	0.96
Site Return to Normal Depth (ft)	0.94	0.94
Time Activated	07/06/2023 14:45	07/06/2023 14:45
Time Returned to Normal	07/11/2023 11:10	07/11/2023 11:15



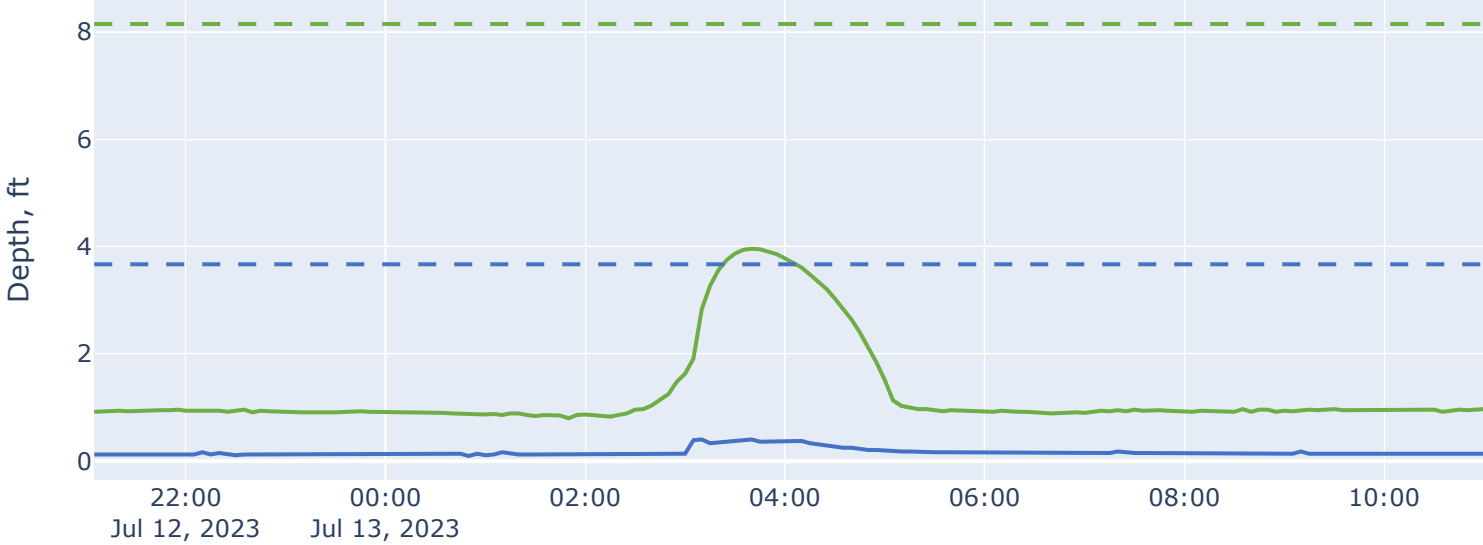
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	0.97
Volume Stored (MG)	0.0
Unused Storage Volume (MG)	1.114
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



July 12, 2023 SPP013
RTC Site(s) Bird - v1.0.4

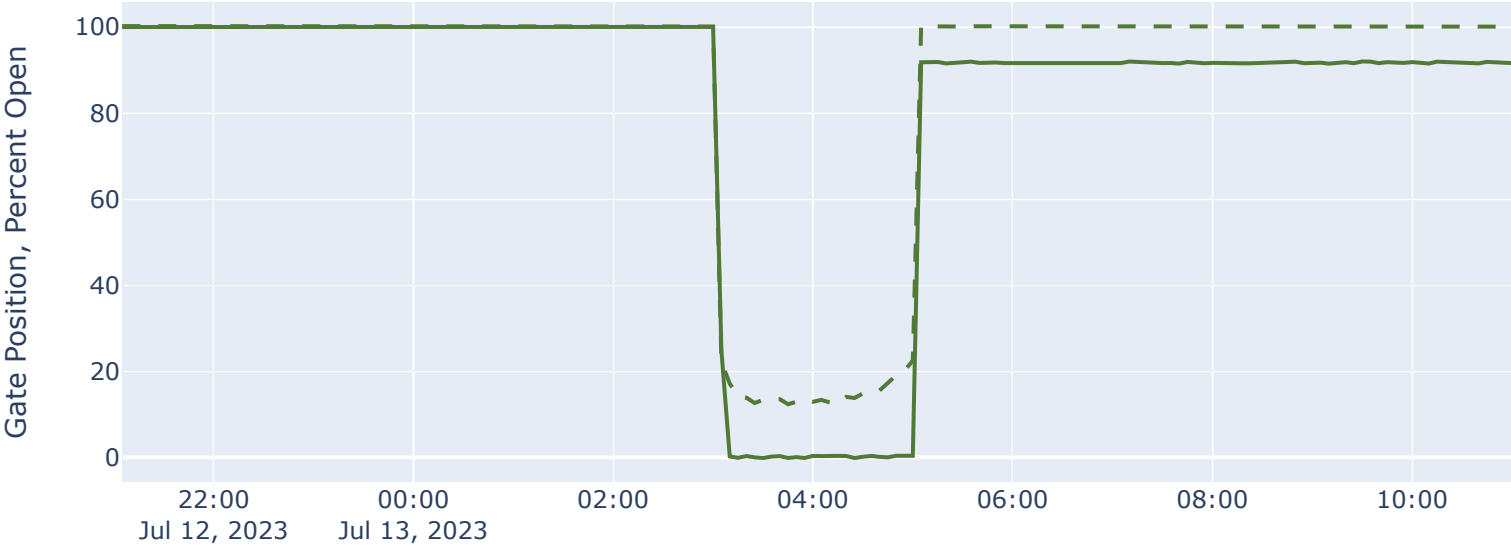
Event Data	Value
Event Start Date/Time	07/12/2023 21:05
Event End Date/Time	07/13/2023 11:00
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.207
Percent Captured (%)	100
Unused Storage Volume (MG)	0.886
Overflow Before Storage Full	No
Storage Utilization (%)	19
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

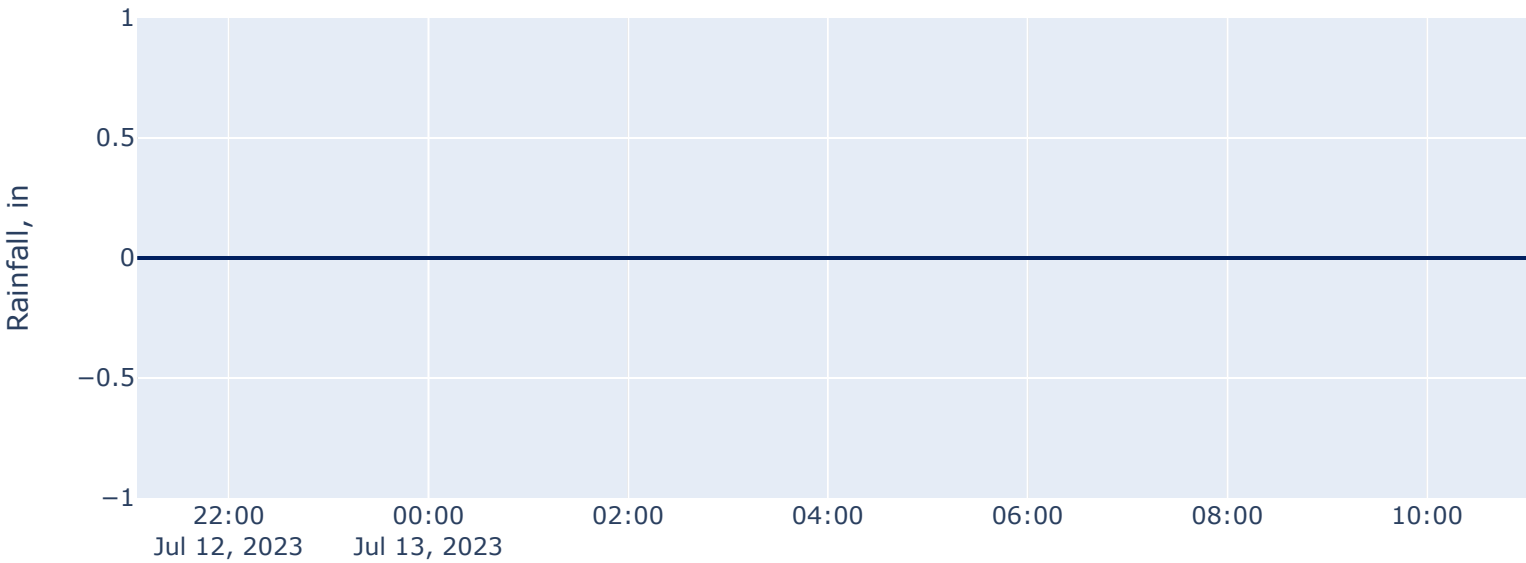


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.63	1.63
Site Return to Normal Depth (ft)	N/A	1.13
Time Activated	07/13/2023 03:00	07/13/2023 03:00
Time Returned to Normal	N/A	07/13/2023 05:05



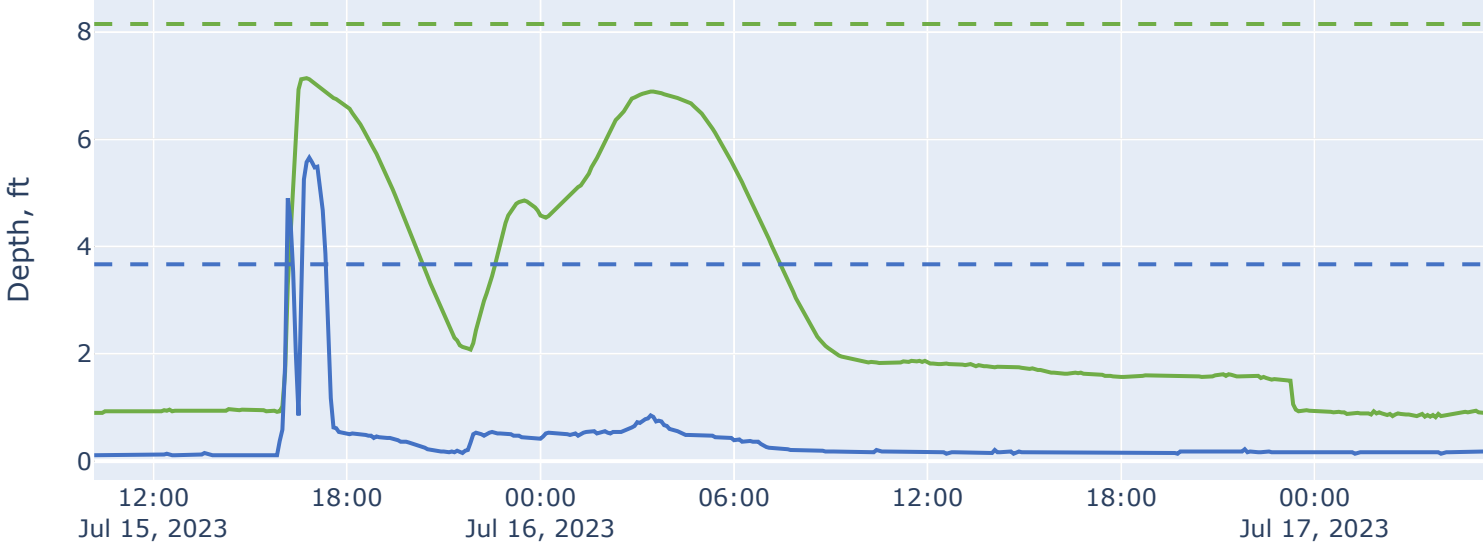
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.96
Volume Stored (MG)	0.207
Unused Storage Volume (MG)	0.886
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



July 15, 2023 SPP013
RTC Site(s) Bird - v1.0.4

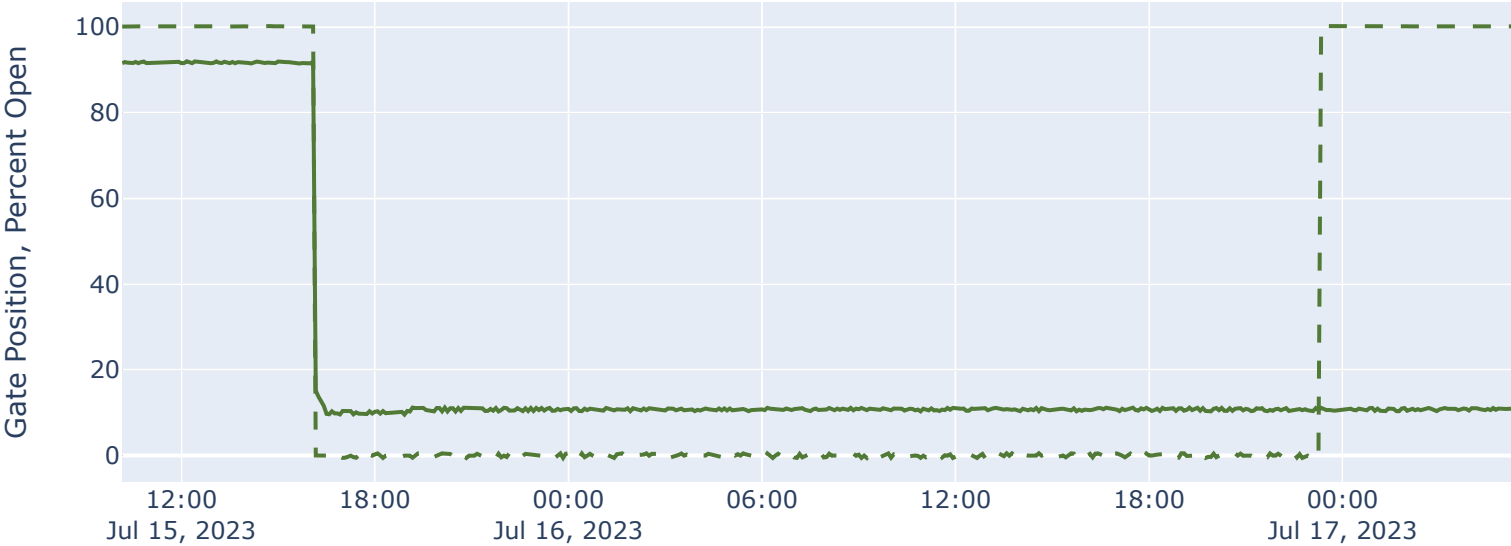
Event Data	Value
Event Start Date/Time	07/15/2023 10:10
Event End Date/Time	07/17/2023 05:15
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.832
Percent Captured (%)	43
Unused Storage Volume (MG)	0.274
Overflow Before Storage Full	Yes
Storage Utilization (%)	75
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.1
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.1
Overflow Duration (hr)	1.17

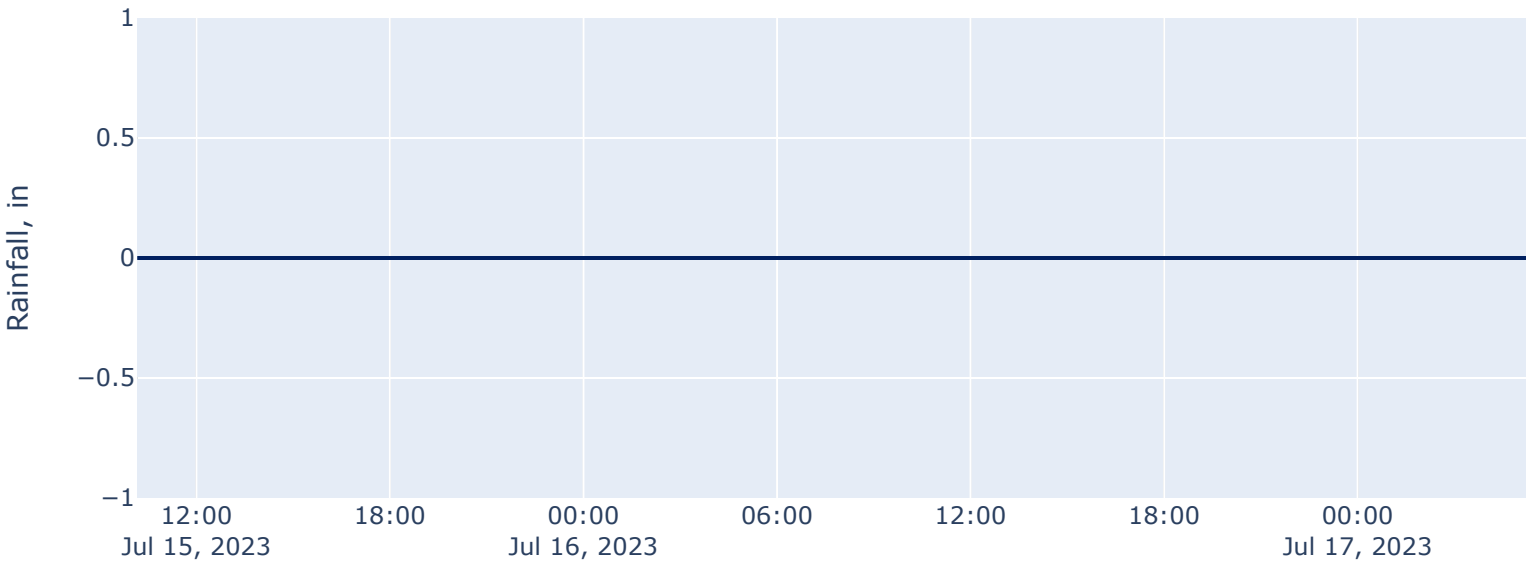


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	0.9	1.66
Site Return to Normal Depth (ft)	N/A	1.06
Time Activated	07/15/2023 10:10	07/15/2023 16:05
Time Returned to Normal	N/A	07/16/2023 23:20



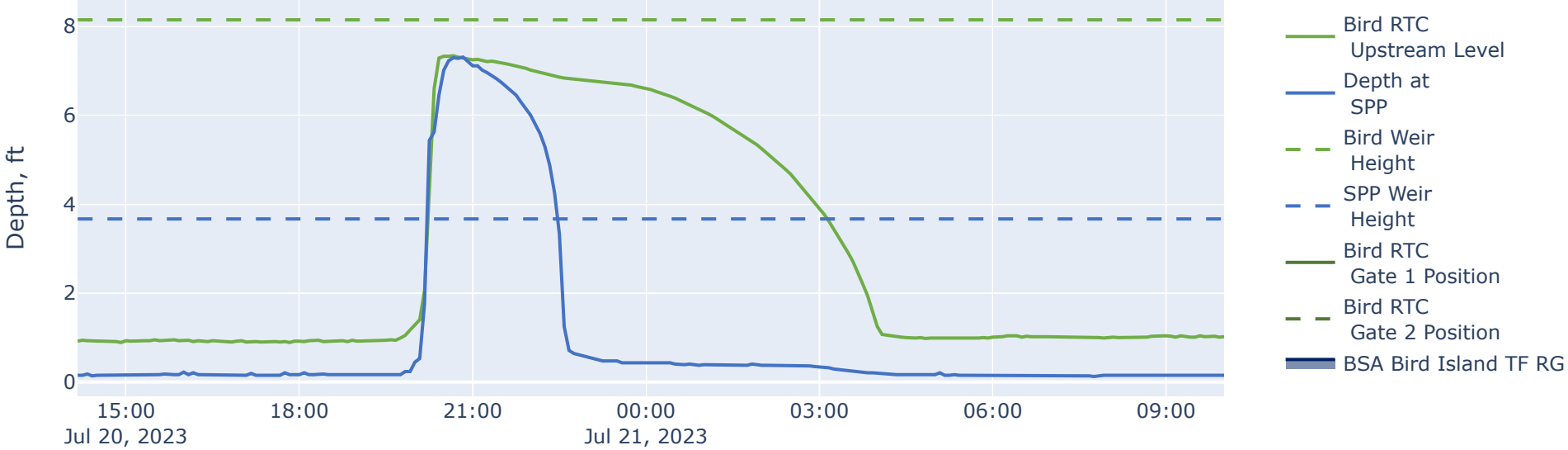
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.14
Volume Stored (MG)	0.832
Unused Storage Volume (MG)	0.274
RTC Depth at Overflow Start (ft)	3.28
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



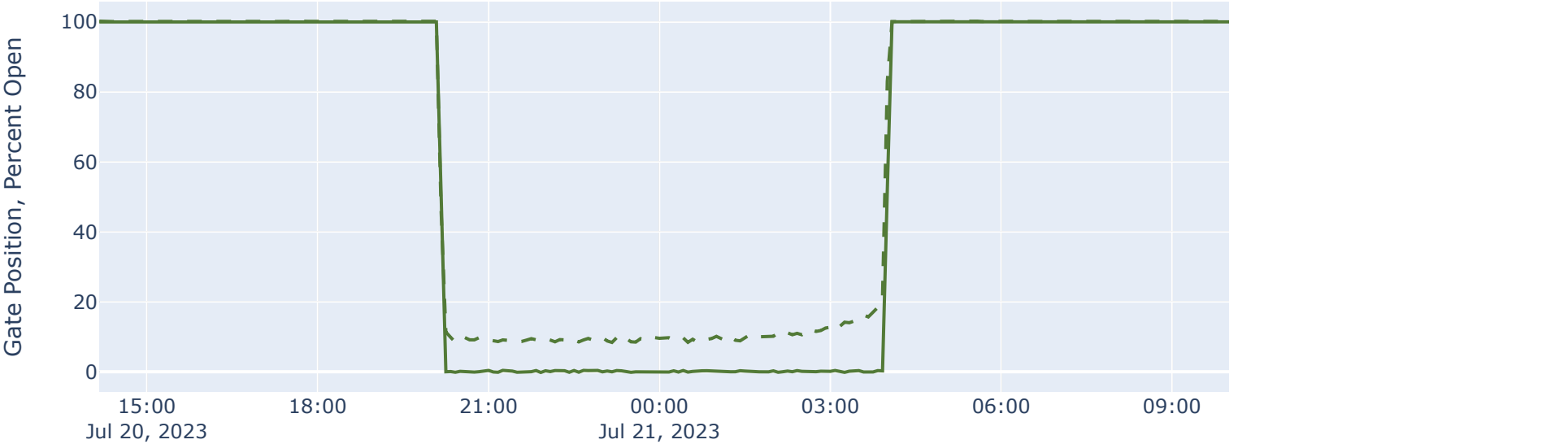
July 20, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	07/20/2023 14:10
Event End Date/Time	07/21/2023 10:00
Total Rainfall Accumulation (in)	0.7
Maximum Rainfall Intensity (in/hr)	1.8
Storm Event Duration (hr)	1.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

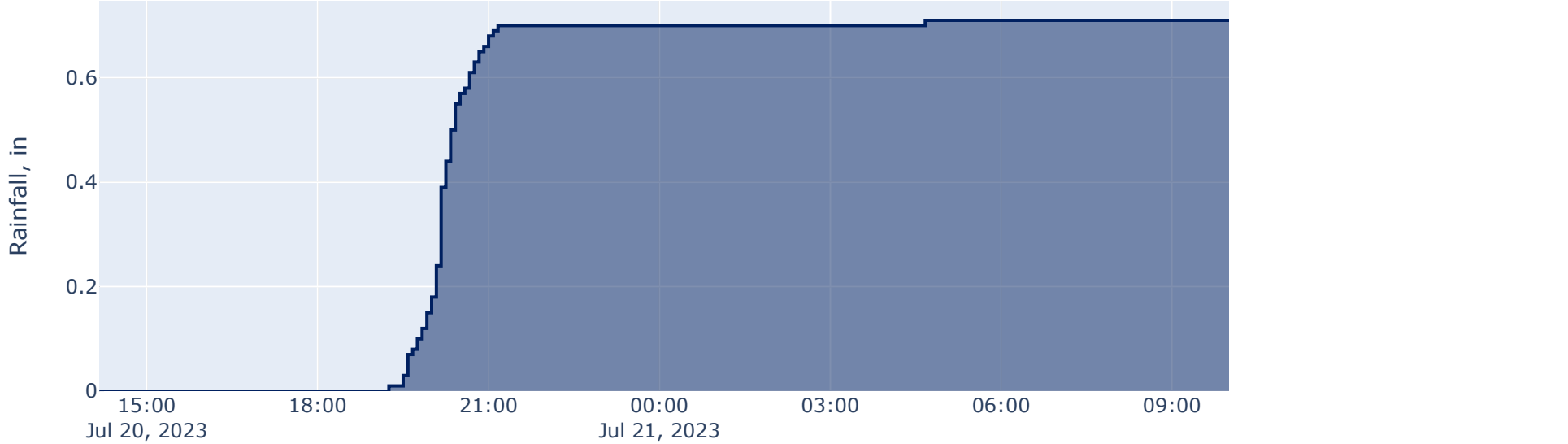
Overflow Data	Value
Overflow Volume Prevented (MG)	0.879
Percent Captured (%)	11
Unused Storage Volume (MG)	0.223
Overflow Before Storage Full	Yes
Storage Utilization (%)	80
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	6.804
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	6.804
Overflow Duration (hr)	2.17



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.4	1.4
Site Return to Normal Depth (ft)	1.07	1.07
Time Activated	07/20/2023 20:05	07/20/2023 20:05
Time Returned to Normal	07/21/2023 04:05	07/21/2023 04:05



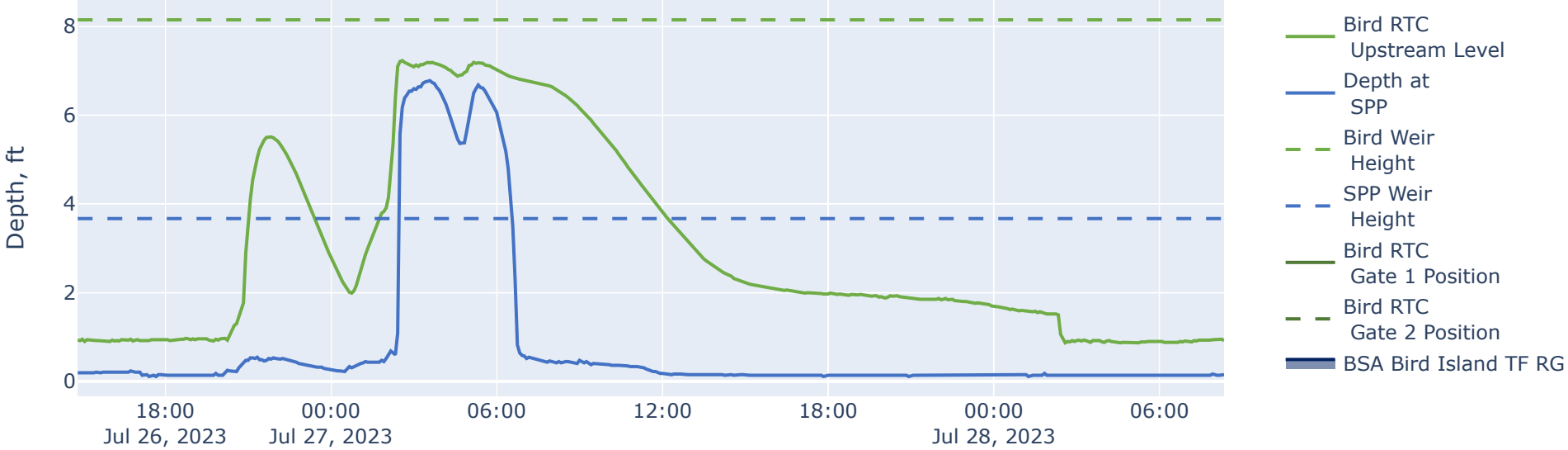
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.34
Volume Stored (MG)	0.879
Unused Storage Volume (MG)	0.223
RTC Depth at Overflow Start (ft)	4.58
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



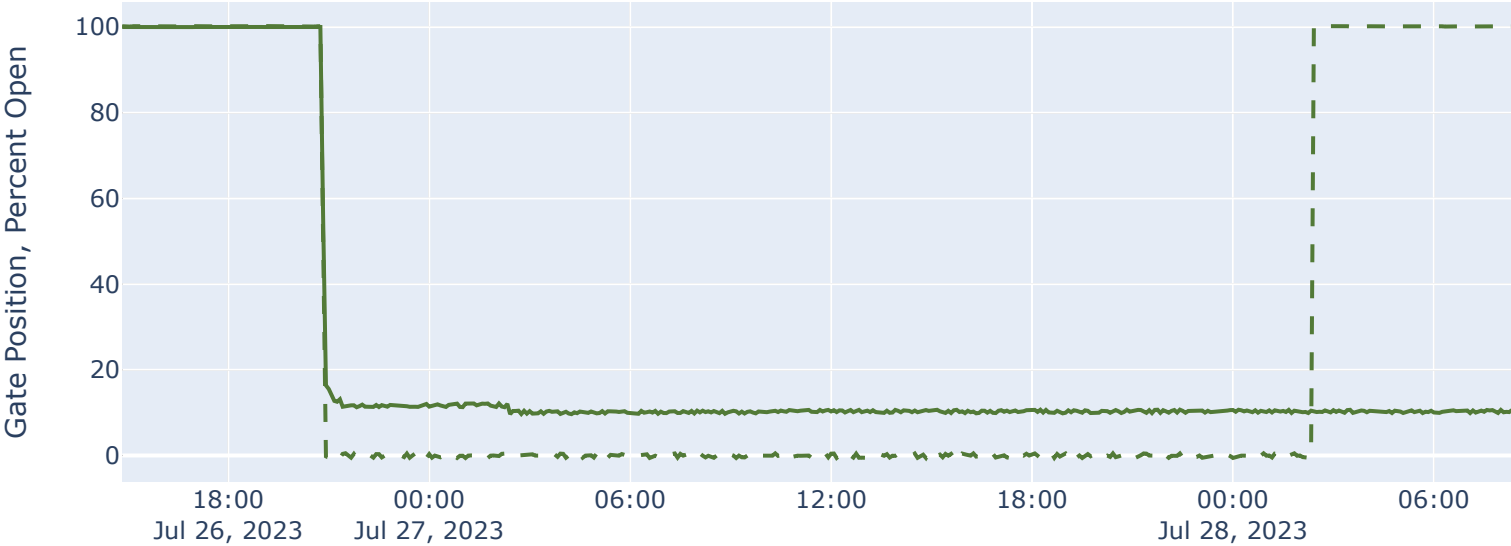
July 26, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	07/26/2023 14:50
Event End Date/Time	07/28/2023 08:20
Total Rainfall Accumulation (in)	0.94
Maximum Rainfall Intensity (in/hr)	1.32
Storm Event Duration (hr)	9.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

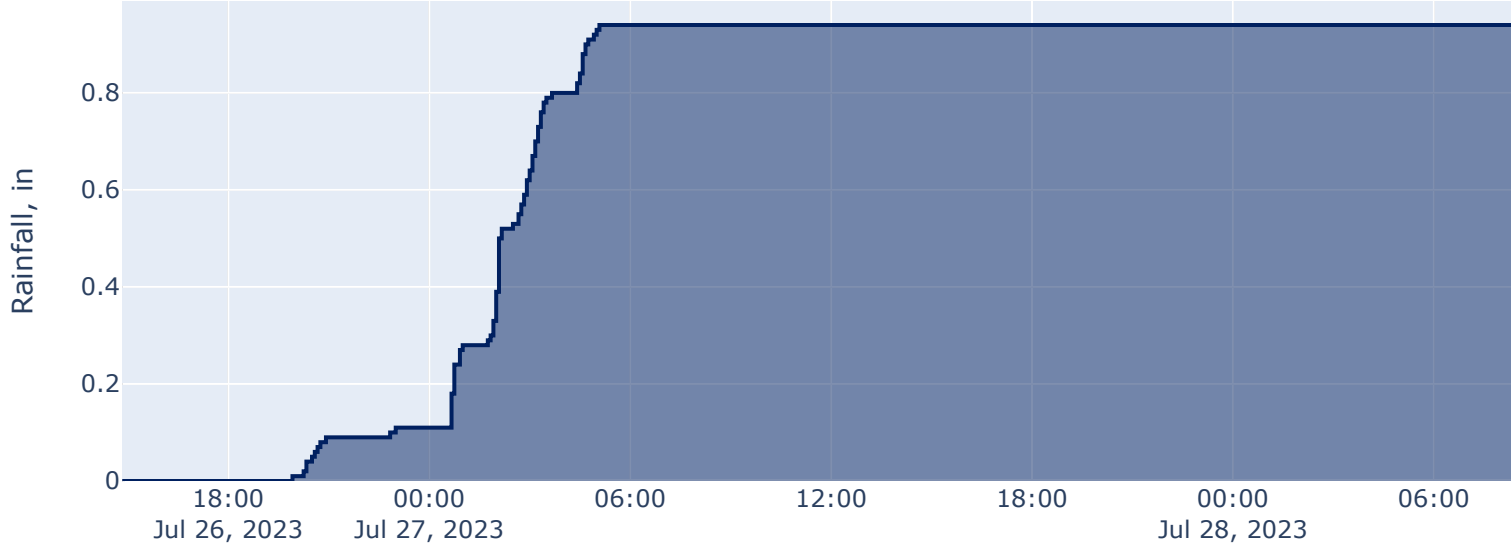
Overflow Data	Value
Overflow Volume Prevented (MG)	0.841
Percent Captured (%)	7
Unused Storage Volume (MG)	0.251
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	10.6
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	10.6
Overflow Duration (hr)	4.0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	N/A	1.06
Time Activated	07/26/2023 20:45	07/26/2023 20:45
Time Returned to Normal	N/A	07/28/2023 02:25



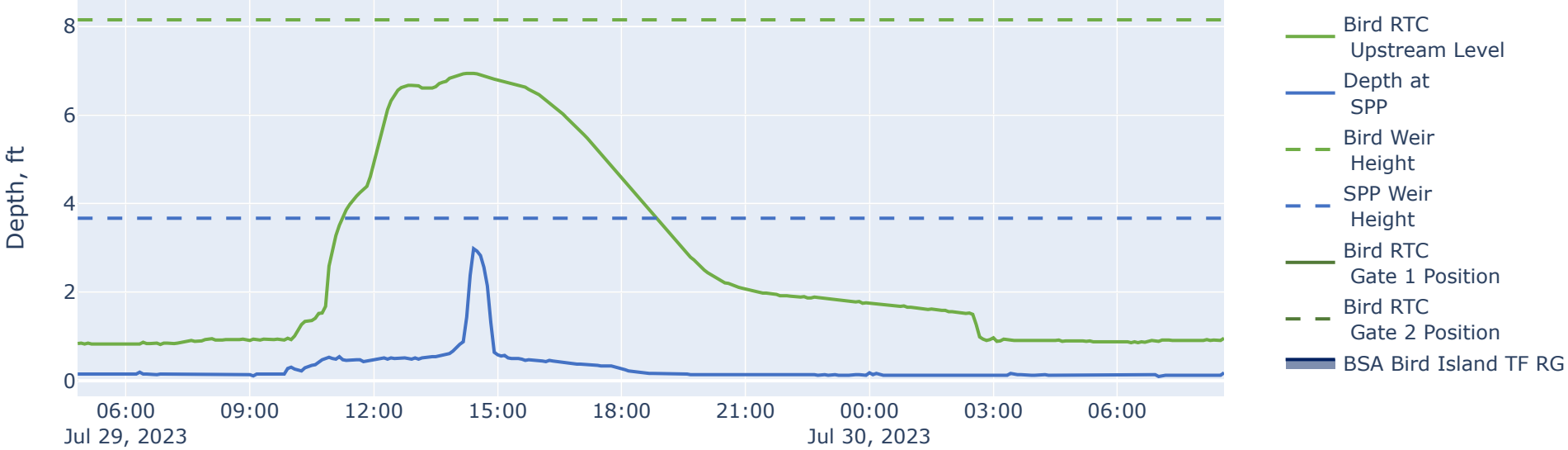
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.23
Volume Stored (MG)	0.841
Unused Storage Volume (MG)	0.251
RTC Depth at Overflow Start (ft)	7.21
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



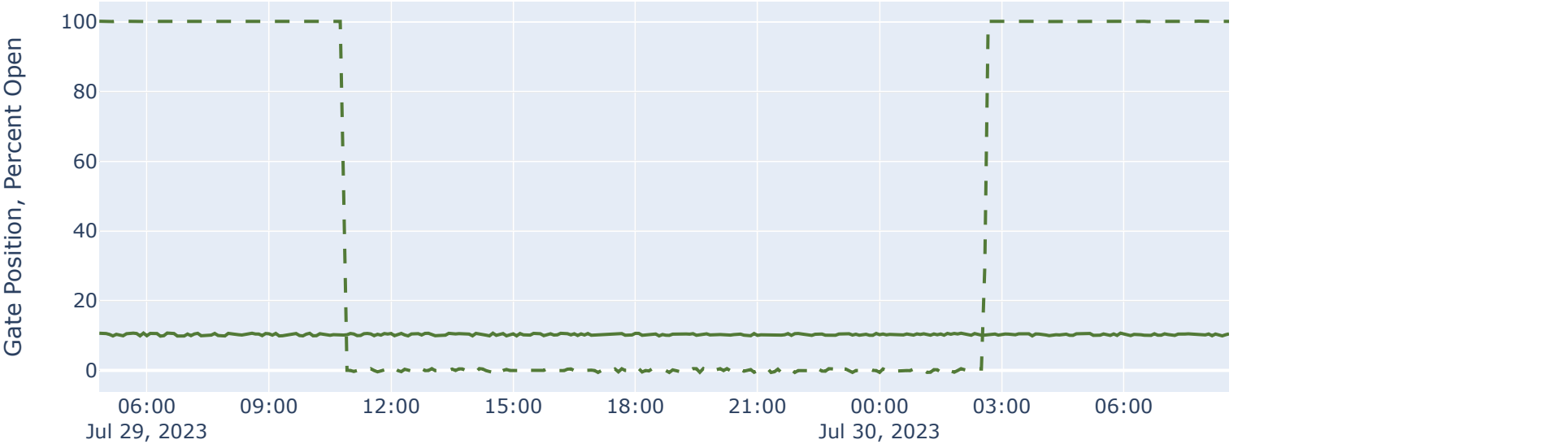
July 29, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	07/29/2023 04:50
Event End Date/Time	07/30/2023 08:35
Total Rainfall Accumulation (in)	0.5
Maximum Rainfall Intensity (in/hr)	0.84
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

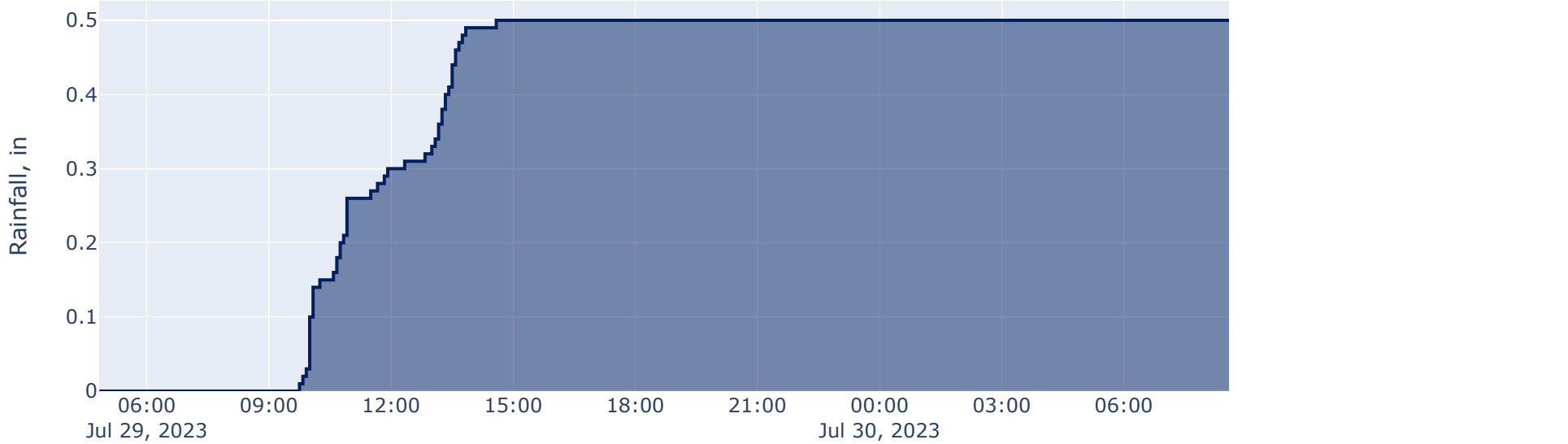
Overflow Data	Value
Overflow Volume Prevented (MG)	0.788
Percent Captured (%)	100
Unused Storage Volume (MG)	0.321
Overflow Before Storage Full	No
Storage Utilization (%)	71
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



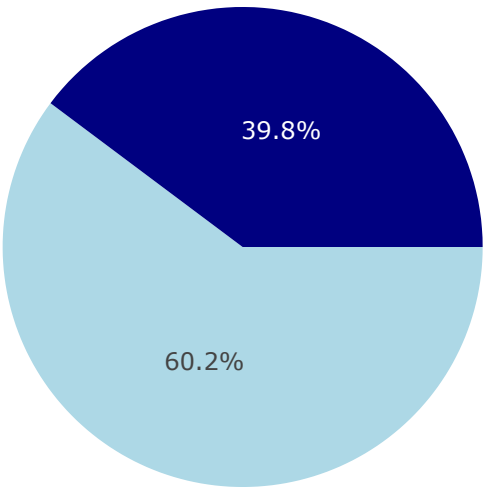
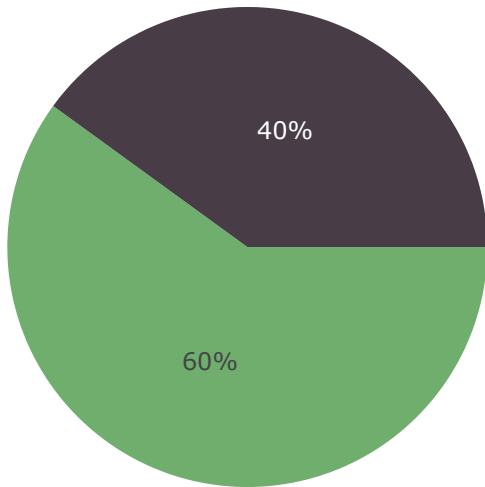
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	0.84	1.53
Site Return to Normal Depth (ft)	N/A	0.99
Time Activated	07/29/2023 04:50	07/29/2023 10:45
Time Returned to Normal	N/A	07/30/2023 02:40



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.95
Volume Stored (MG)	0.788
Unused Storage Volume (MG)	0.321
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Aug2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Prevented
- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

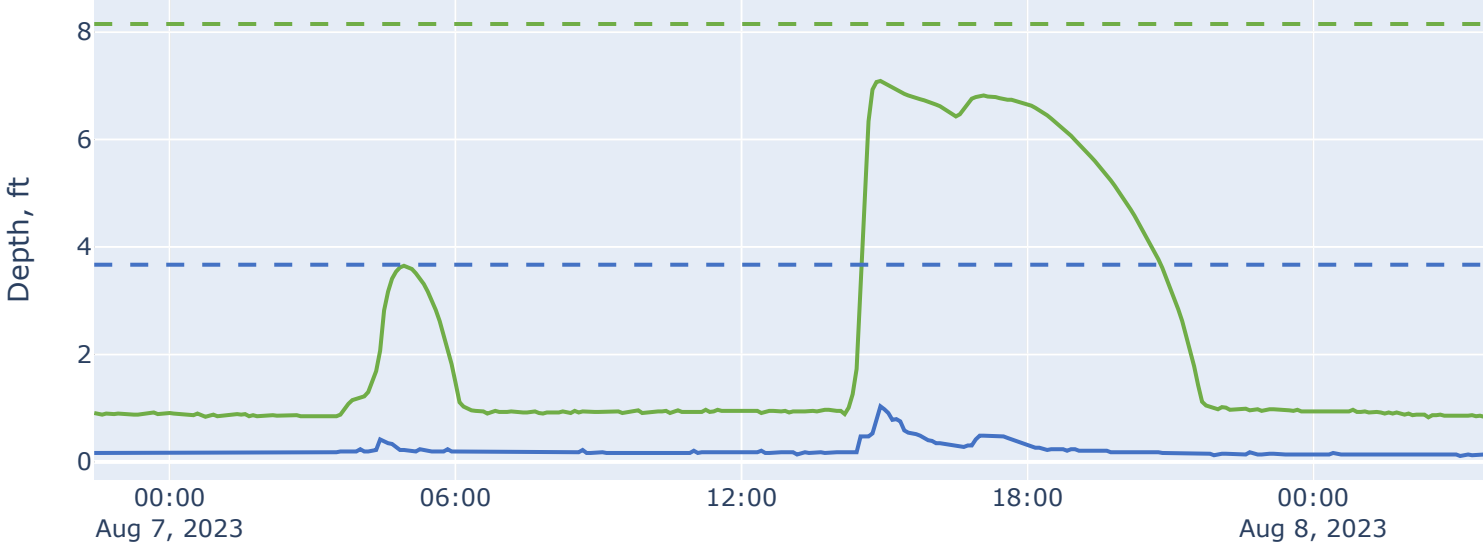
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
3	2	2.699	4.087	2.16

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
August 06, 2023	0.14	0.0	0.828	100	0.286	74	Poor
August 09, 2023	0.0	0.0	0.072	100	1.019	7	Poor
August 10, 2023	0.2	0.0	0.139	100	0.956	13	Poor
August 17, 2023	0.49	1.696	0.809	32	0.281	74	Poor
August 24, 2023	0.45	2.391	0.851	26	0.254	77	Poor

August 06, 2023 SPP013
RTC Site(s) Bird - v1.0.4

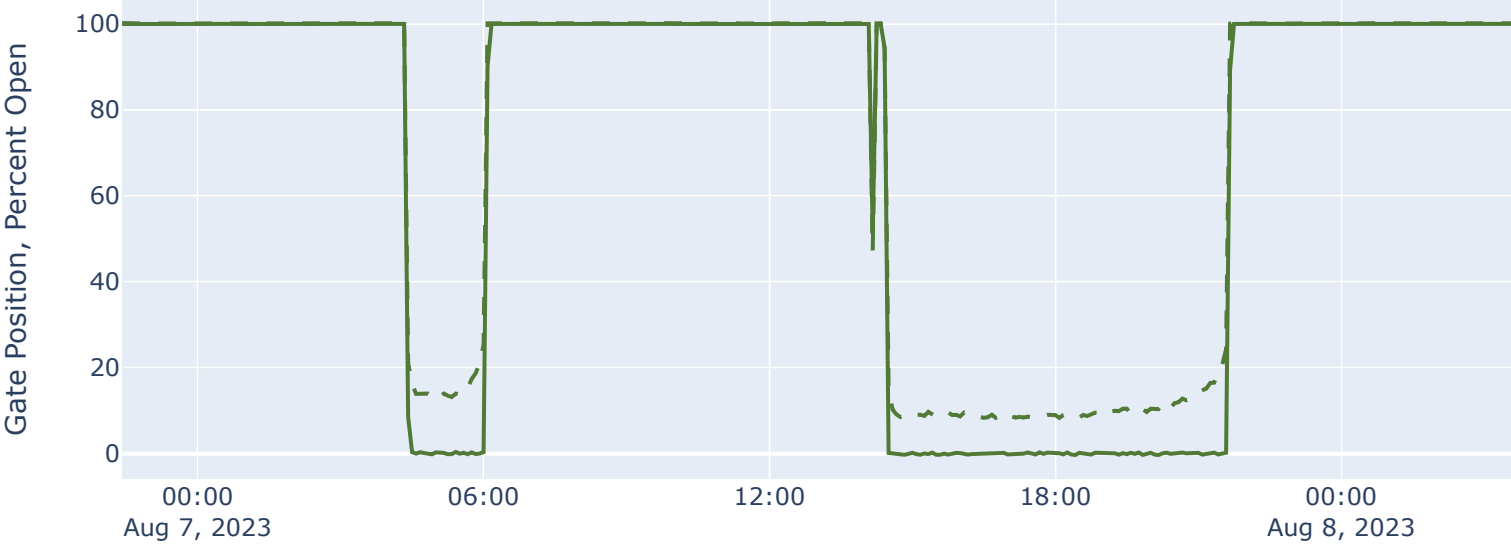
Event Data	Value
Event Start Date/Time	08/06/2023 22:25
Event End Date/Time	08/08/2023 03:35
Total Rainfall Accumulation (in)	0.14
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	3.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.828
Percent Captured (%)	100
Unused Storage Volume (MG)	0.286
Overflow Before Storage Full	No
Storage Utilization (%)	74
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

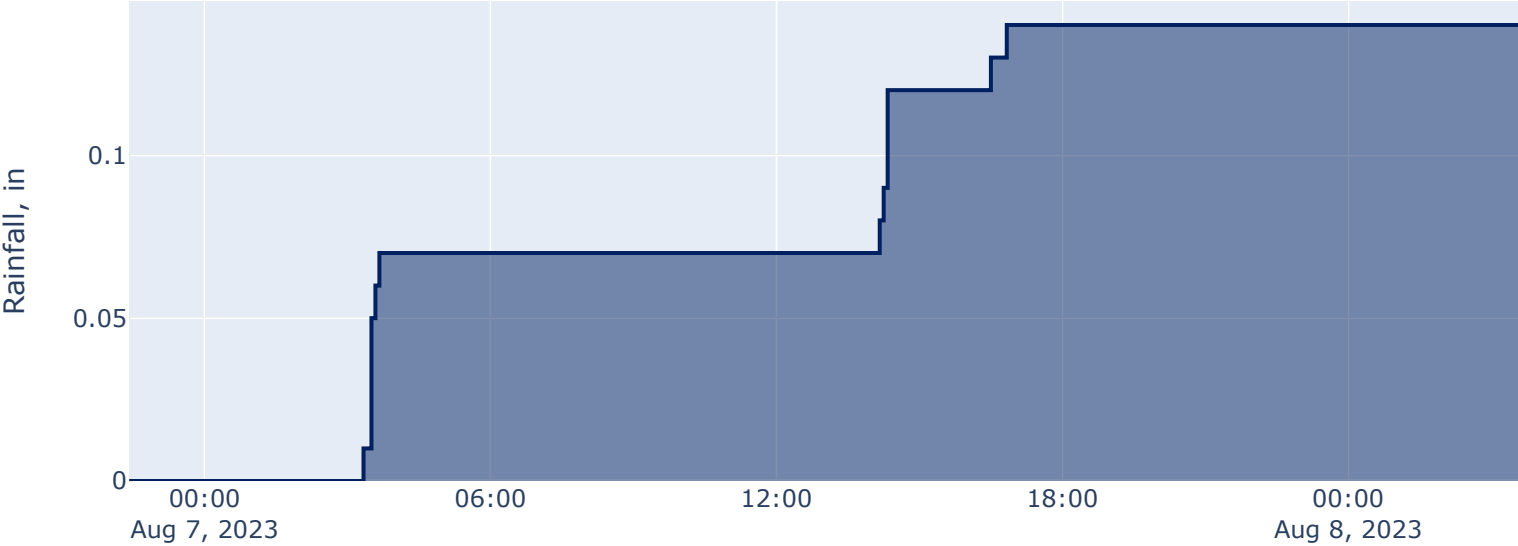


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	0.95	0.95
Site Return to Normal Depth (ft)	1.05	1.12
Time Activated	08/07/2023 04:20	08/07/2023 04:20
Time Returned to Normal	08/07/2023 21:45	08/07/2023 21:40



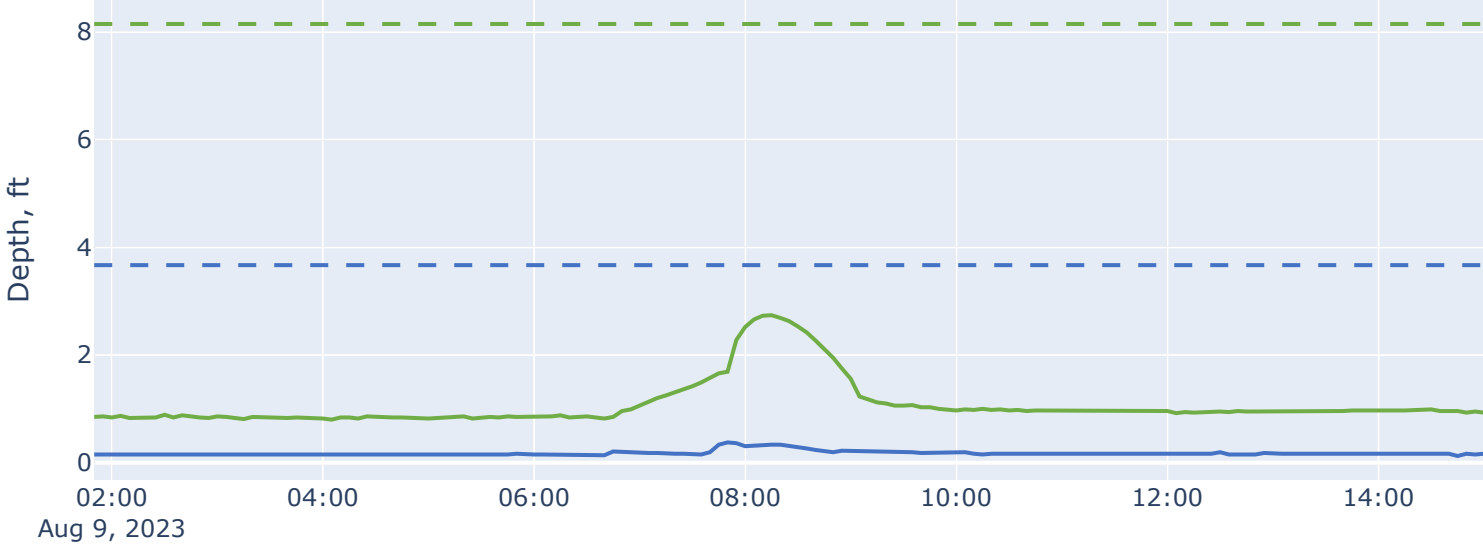
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.09
Volume Stored (MG)	0.828
Unused Storage Volume (MG)	0.286
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



August 09, 2023 SPP013
RTC Site(s) Bird - v1.0.4

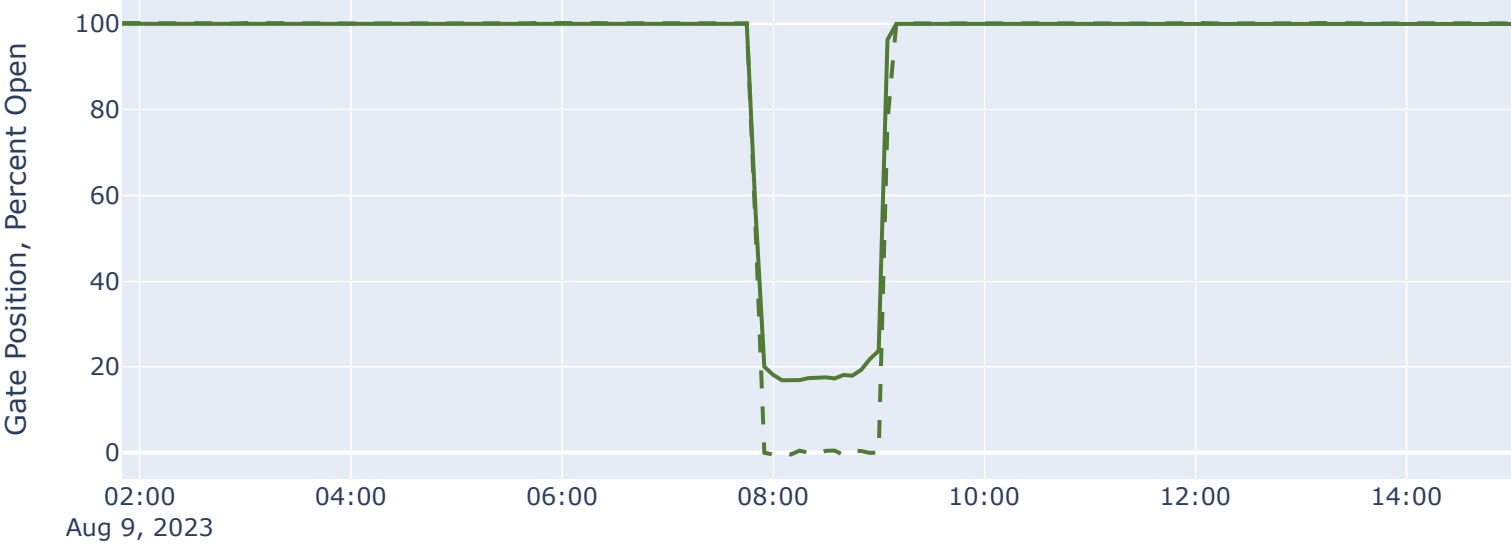
Event Data	Value
Event Start Date/Time	08/09/2023 01:50
Event End Date/Time	08/09/2023 15:00
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.072
Percent Captured (%)	100
Unused Storage Volume (MG)	1.019
Overflow Before Storage Full	No
Storage Utilization (%)	7
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

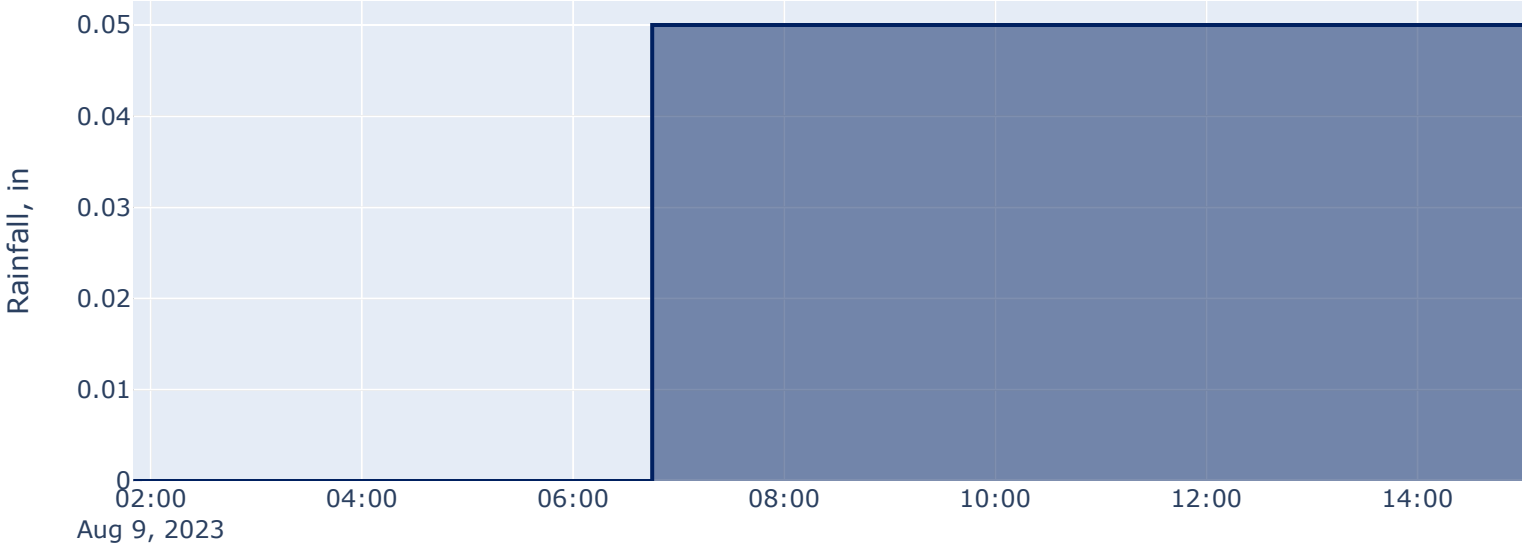


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.66	1.66
Site Return to Normal Depth (ft)	1.16	1.16
Time Activated	08/09/2023 07:45	08/09/2023 07:45
Time Returned to Normal	08/09/2023 09:10	08/09/2023 09:10



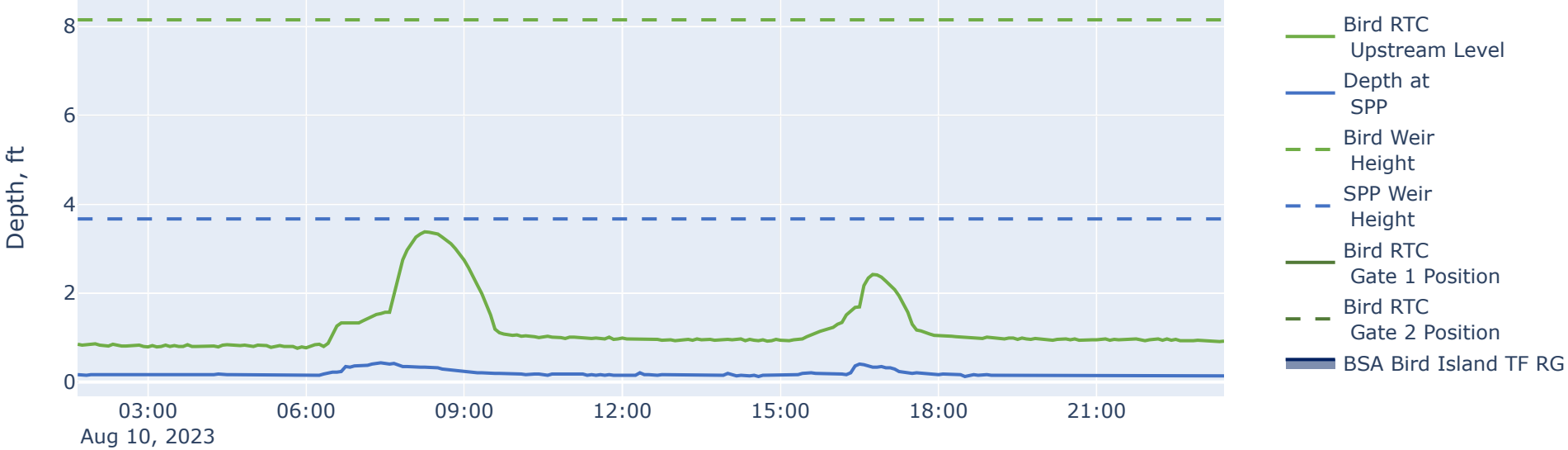
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	2.74
Volume Stored (MG)	0.072
Unused Storage Volume (MG)	1.019
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



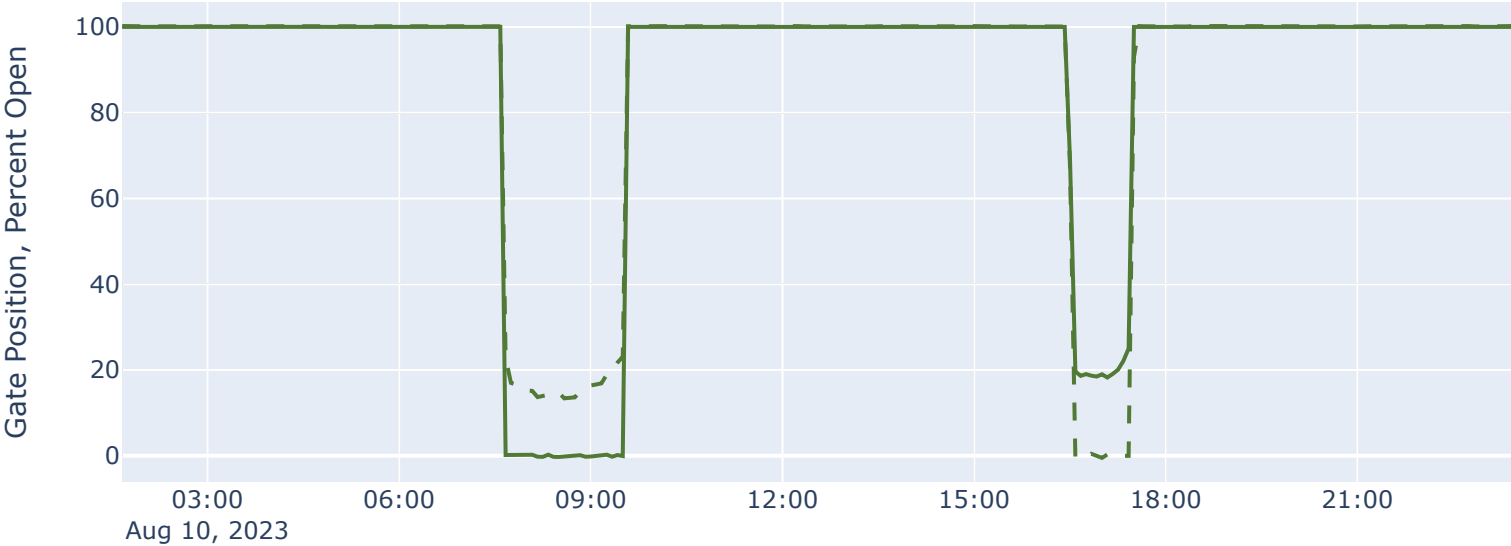
August 10, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	08/10/2023 01:40
Event End Date/Time	08/10/2023 23:25
Total Rainfall Accumulation (in)	0.2
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	3.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.139
Percent Captured (%)	100
Unused Storage Volume (MG)	0.956
Overflow Before Storage Full	No
Storage Utilization (%)	13
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.57	1.57
Site Return to Normal Depth (ft)	1.3	1.17
Time Activated	08/10/2023 07:35	08/10/2023 07:35
Time Returned to Normal	08/10/2023 17:30	08/10/2023 17:35



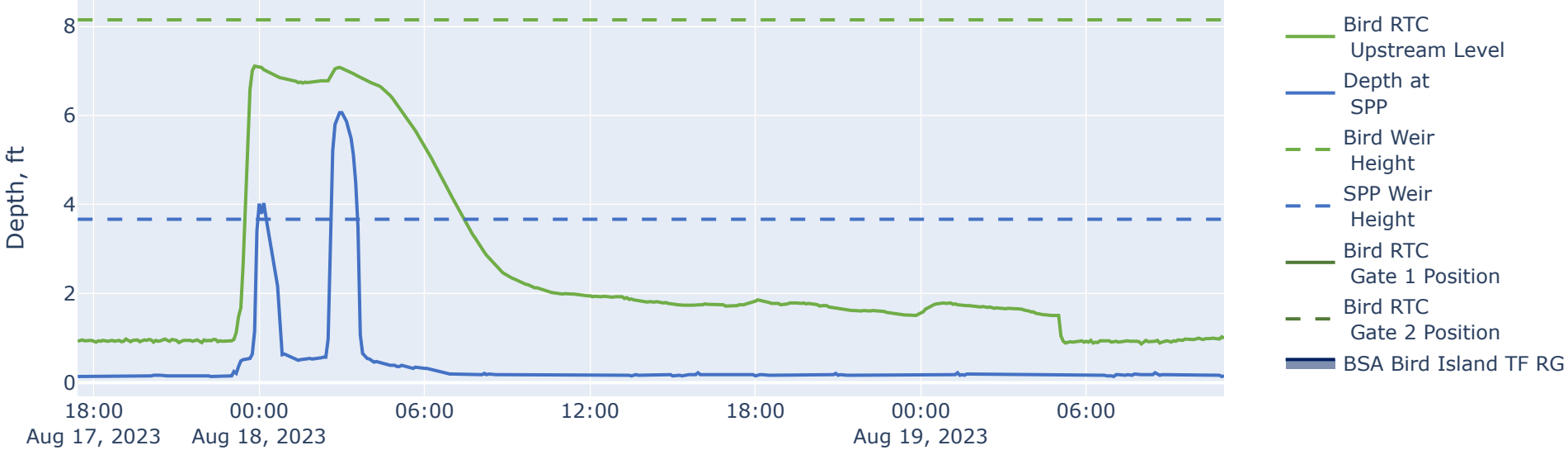
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.38
Volume Stored (MG)	0.139
Unused Storage Volume (MG)	0.956
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



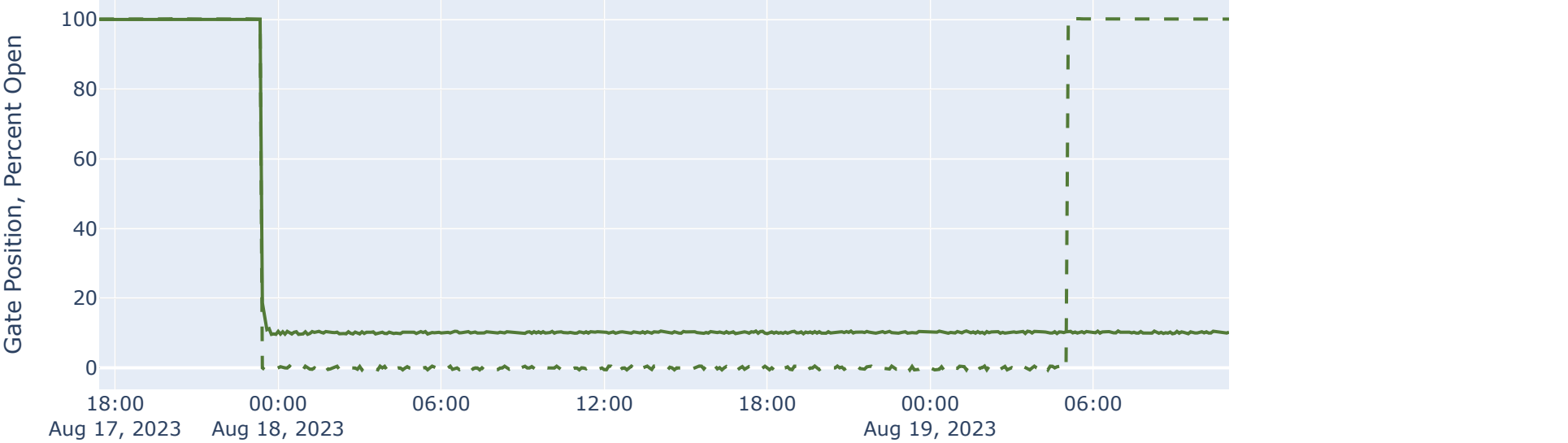
August 17, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	08/17/2023 17:25
Event End Date/Time	08/19/2023 11:00
Total Rainfall Accumulation (in)	0.49
Maximum Rainfall Intensity (in/hr)	1.32
Storm Event Duration (hr)	3.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

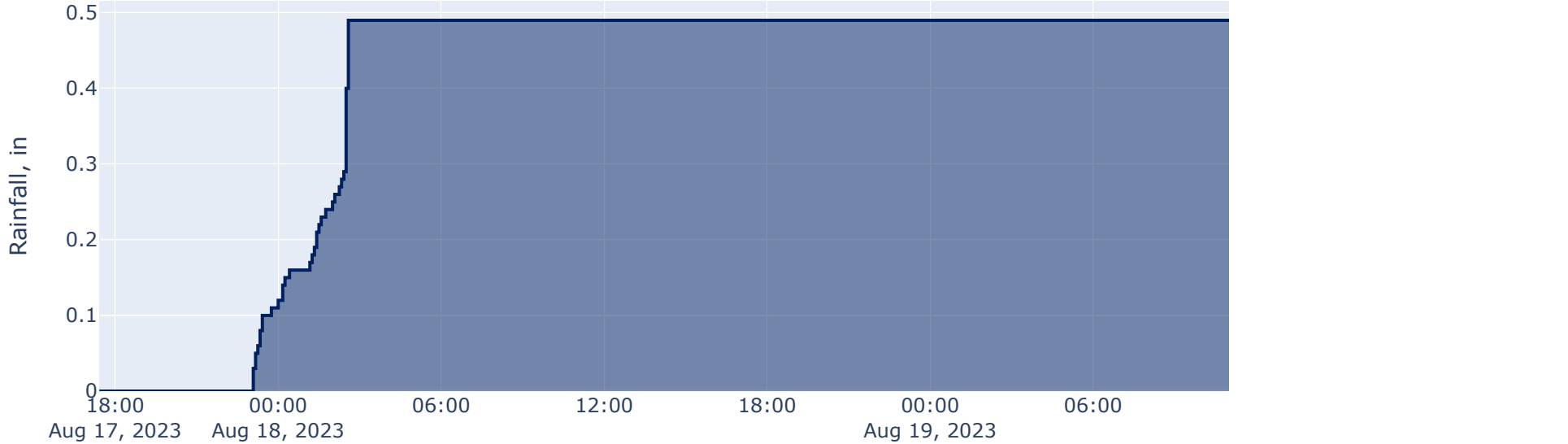
Overflow Data	Value
Overflow Volume Prevented (MG)	0.809
Percent Captured (%)	32
Unused Storage Volume (MG)	0.281
Overflow Before Storage Full	Yes
Storage Utilization (%)	74
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.696
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.696
Overflow Duration (hr)	3.5



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.68	1.68
Site Return to Normal Depth (ft)	N/A	1.05
Time Activated	08/17/2023 23:20	08/17/2023 23:20
Time Returned to Normal	N/A	08/19/2023 05:05



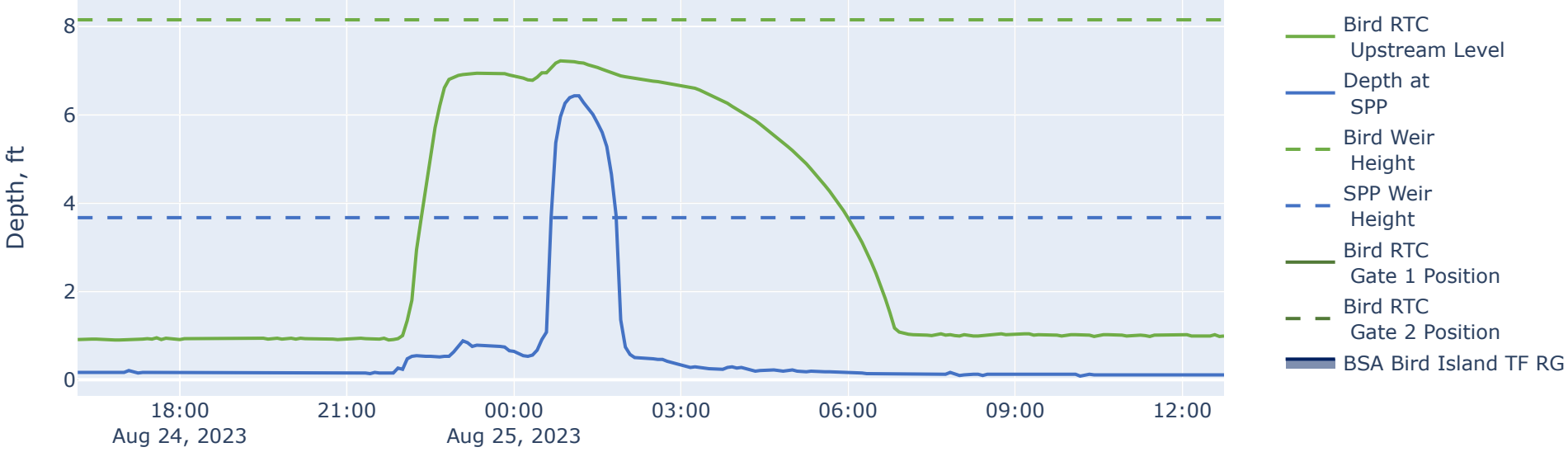
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.11
Volume Stored (MG)	0.809
Unused Storage Volume (MG)	0.281
RTC Depth at Overflow Start (ft)	7.1
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



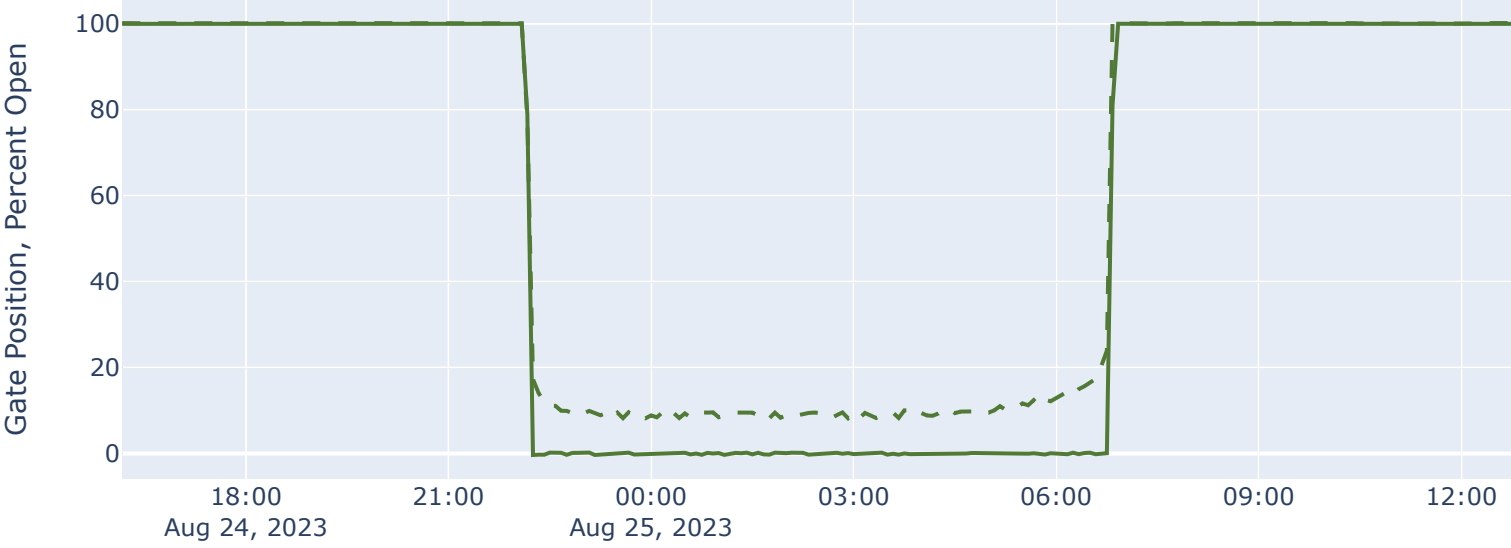
August 24, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	08/24/2023 16:10
Event End Date/Time	08/25/2023 12:45
Total Rainfall Accumulation (in)	0.45
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

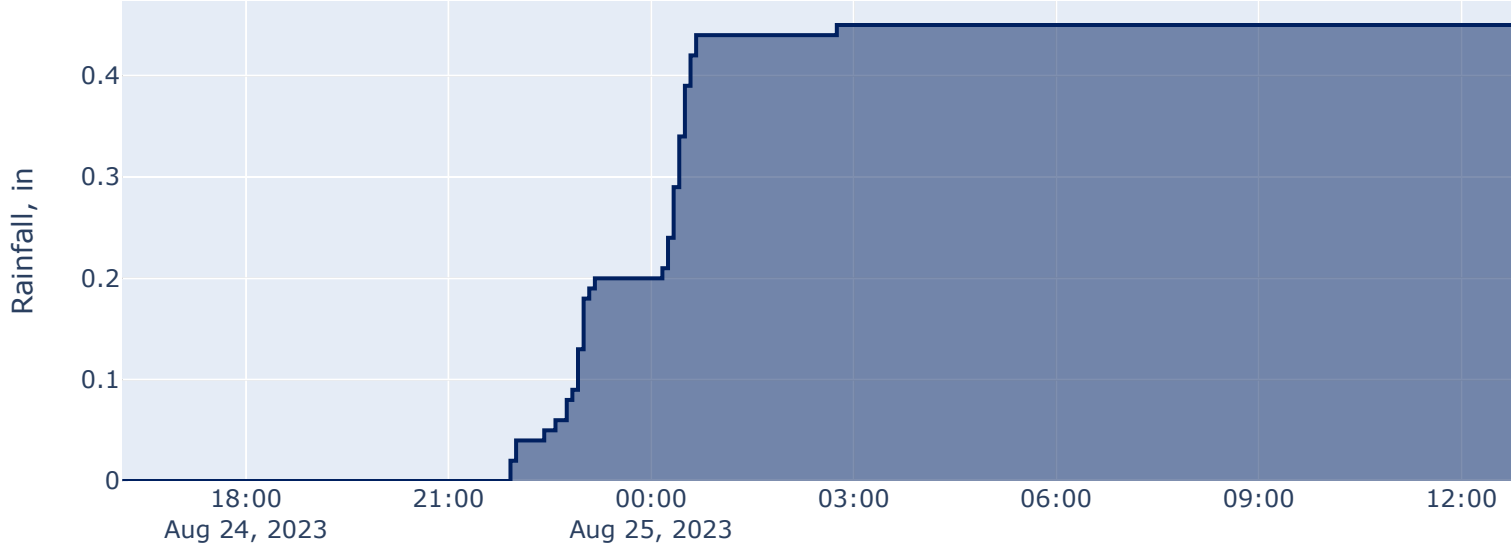
Overflow Data	Value
Overflow Volume Prevented (MG)	0.851
Percent Captured (%)	26
Unused Storage Volume (MG)	0.254
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.391
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.391
Overflow Duration (hr)	1.08



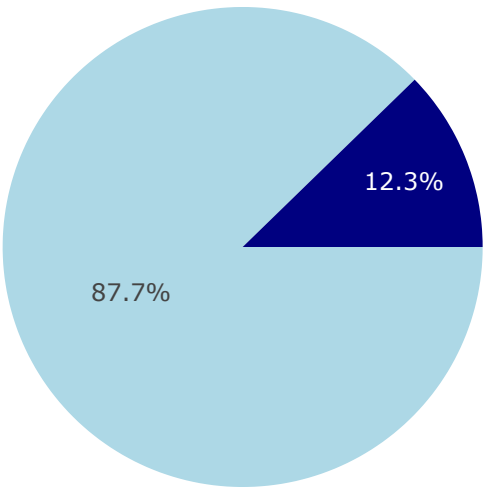
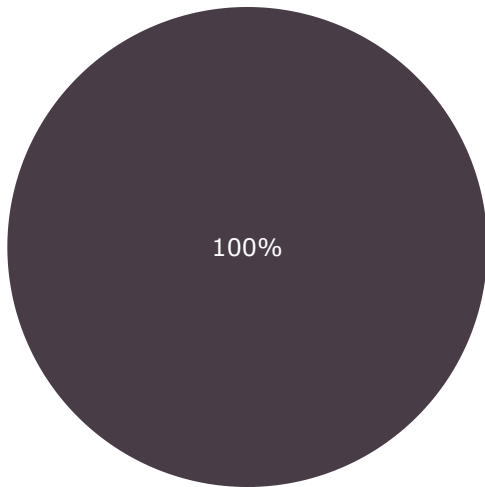
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.34	1.34
Site Return to Normal Depth (ft)	1.08	1.17
Time Activated	08/24/2023 22:05	08/24/2023 22:05
Time Returned to Normal	08/25/2023 06:55	08/25/2023 06:50



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.22
Volume Stored (MG)	0.851
Unused Storage Volume (MG)	0.254
RTC Depth at Overflow Start (ft)	7.17
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Sep2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

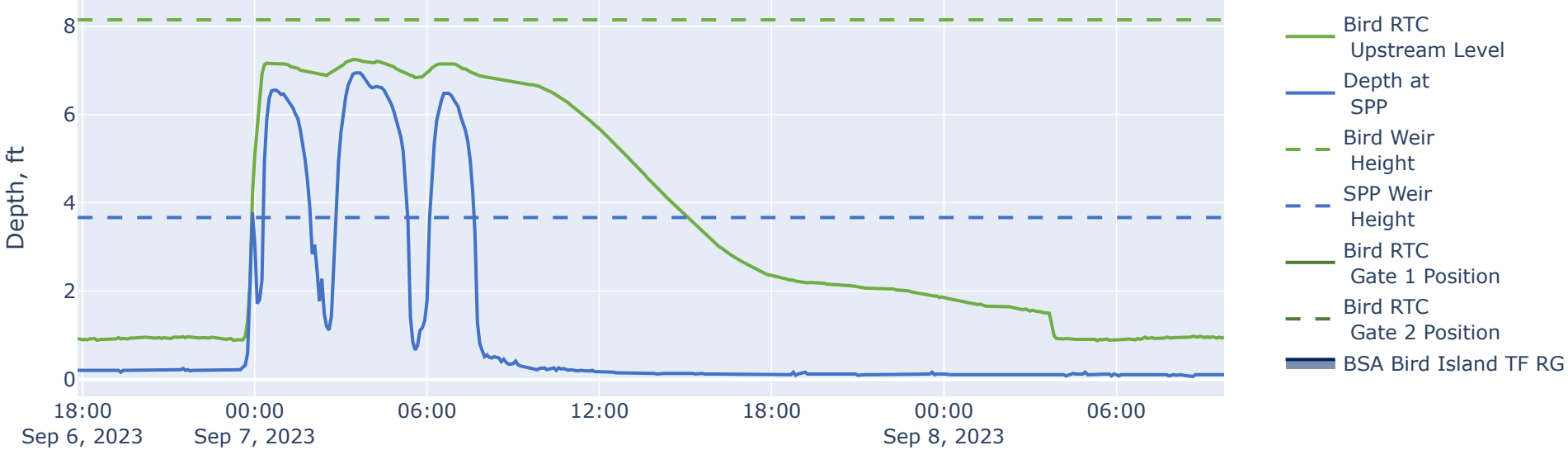
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
0	3	2.553	18.238	1.39

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
September 06, 2023	1.17	13.822	0.859	6	0.246	78	Good
September 12, 2023	0.18	3.218	0.854	21	0.238	78	Good
September 18, 2023	0.0	1.198	0.84	41	0.251	77	Good

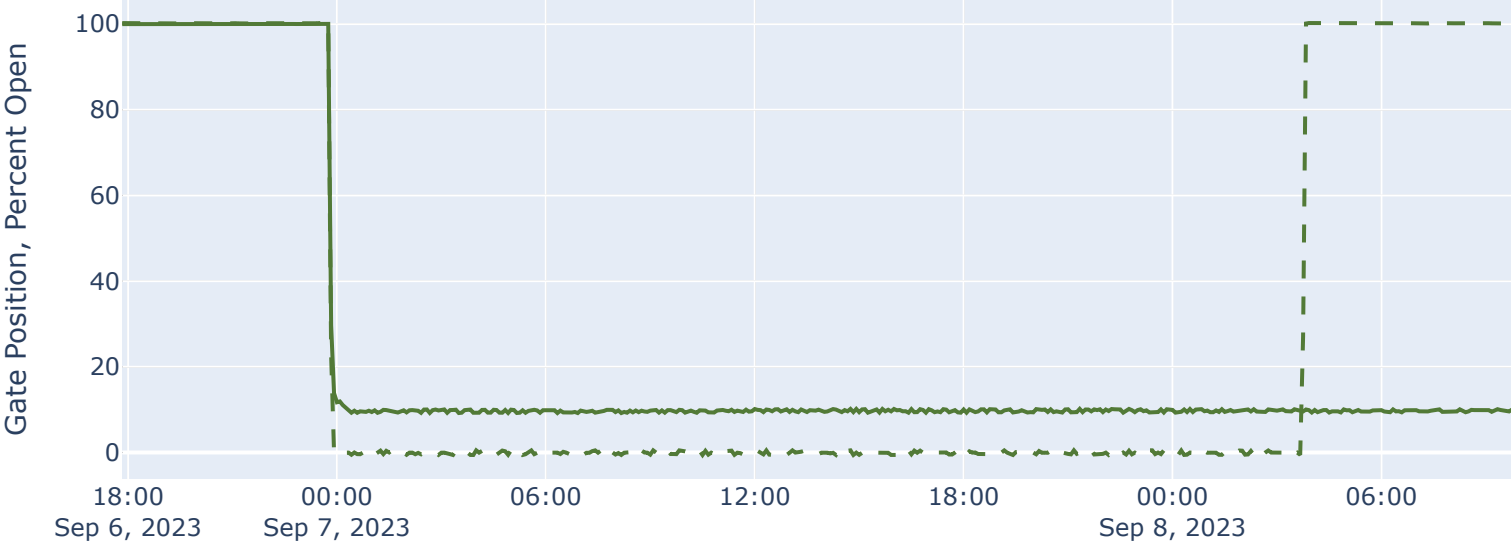
September 06, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	09/06/2023 17:50
Event End Date/Time	09/08/2023 09:45
Total Rainfall Accumulation (in)	1.17
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	19.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

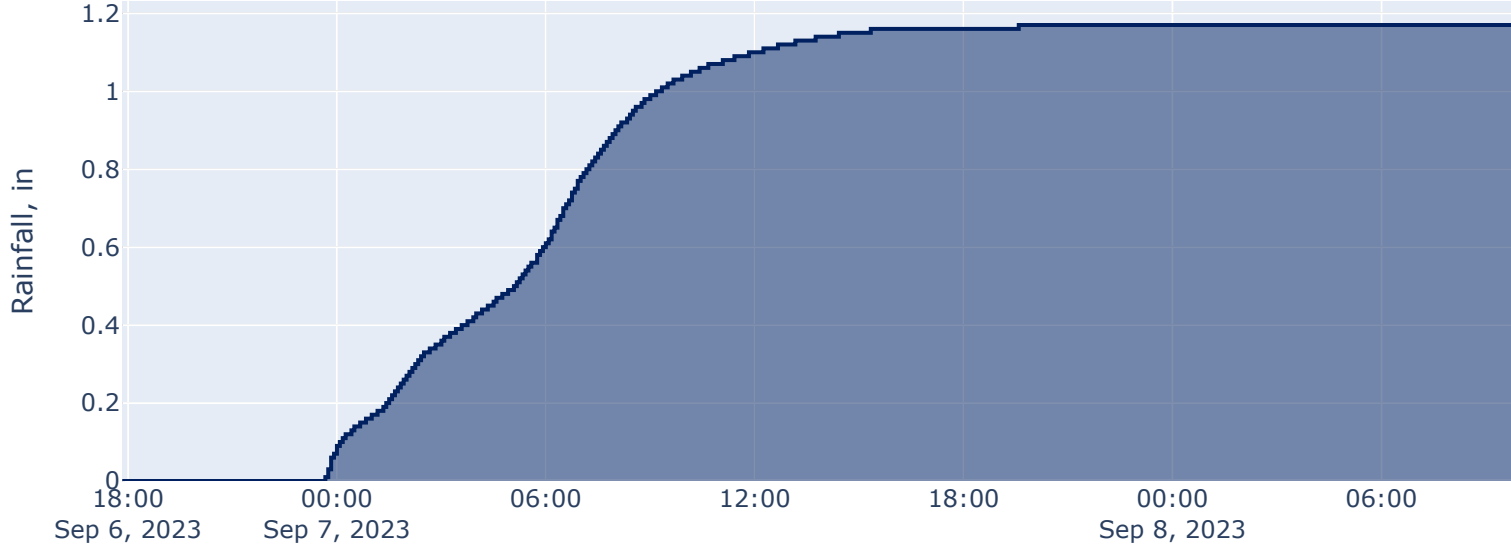
Overflow Data	Value
Overflow Volume Prevented (MG)	0.859
Percent Captured (%)	6
Unused Storage Volume (MG)	0.246
Overflow Before Storage Full	Yes
Storage Utilization (%)	78
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	13.822
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	13.822
Overflow Duration (hr)	7.67



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.33	1.33
Site Return to Normal Depth (ft)	N/A	0.99
Time Activated	09/06/2023 23:45	09/06/2023 23:45
Time Returned to Normal	N/A	09/08/2023 03:50



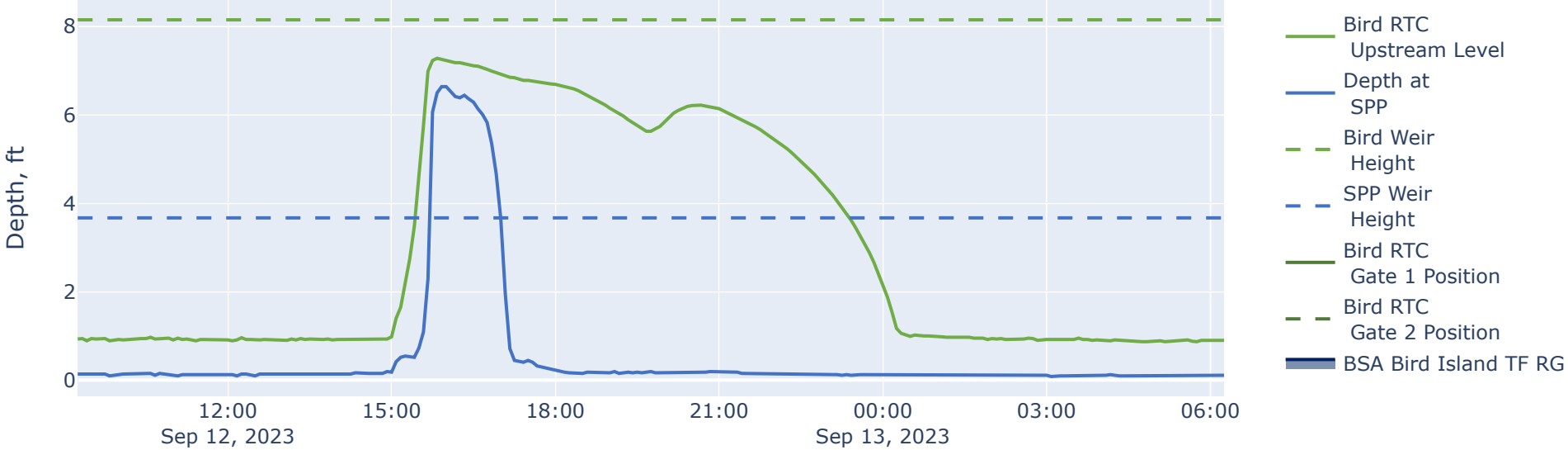
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.25
Volume Stored (MG)	0.859
Unused Storage Volume (MG)	0.246
RTC Depth at Overflow Start (ft)	4.18
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



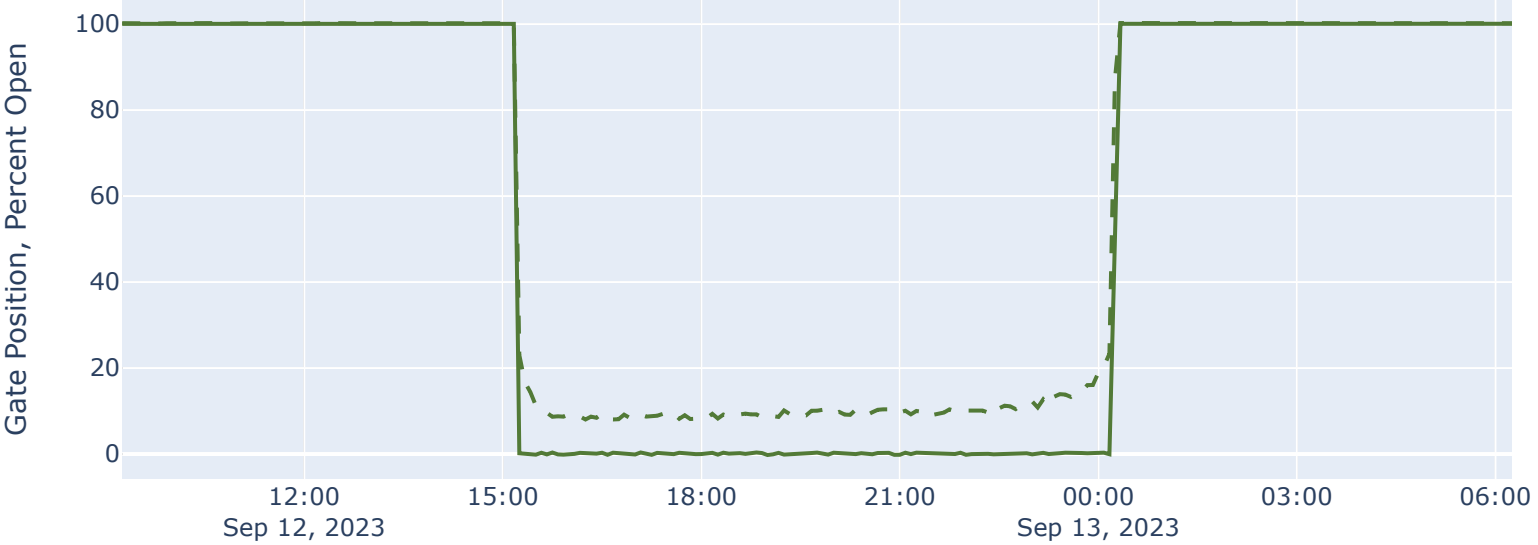
September 12, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	09/12/2023 09:15
Event End Date/Time	09/13/2023 06:15
Total Rainfall Accumulation (in)	0.18
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	11.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

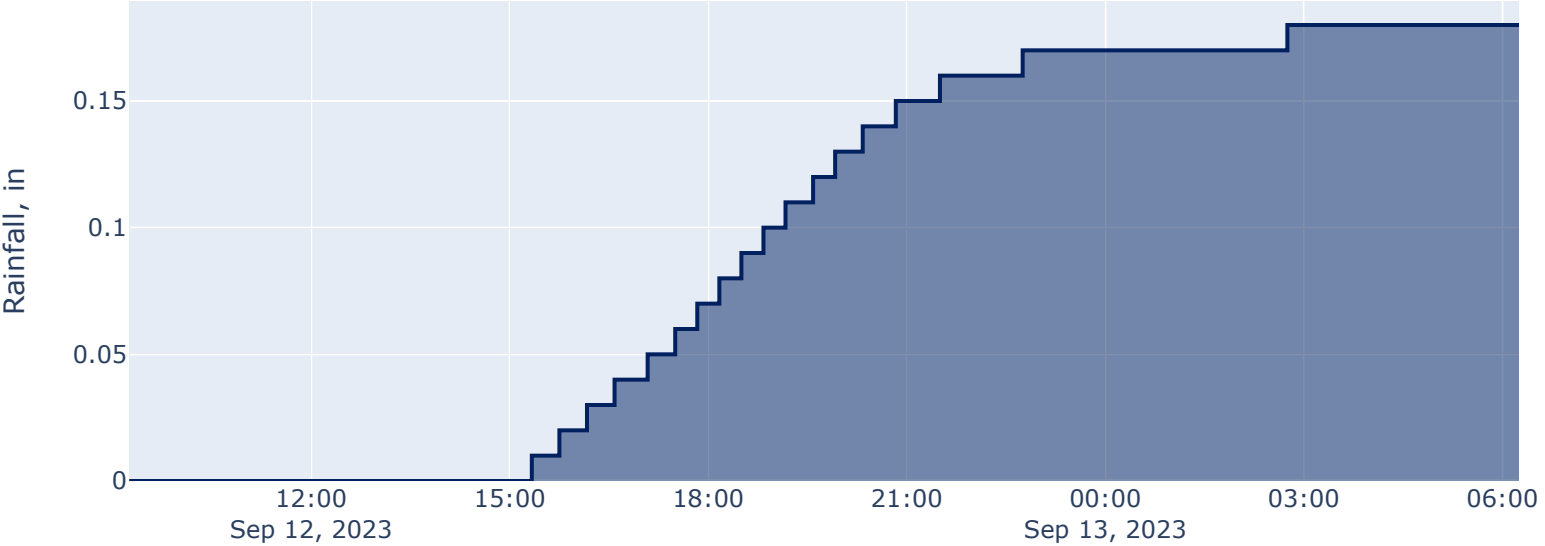
Overflow Data	Value
Overflow Volume Prevented (MG)	0.854
Percent Captured (%)	21
Unused Storage Volume (MG)	0.238
Overflow Before Storage Full	Yes
Storage Utilization (%)	78
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	3.218
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	3.218
Overflow Duration (hr)	1.17



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	1.06	1.06
Time Activated	09/12/2023 15:10	09/12/2023 15:10
Time Returned to Normal	09/13/2023 00:20	09/13/2023 00:20



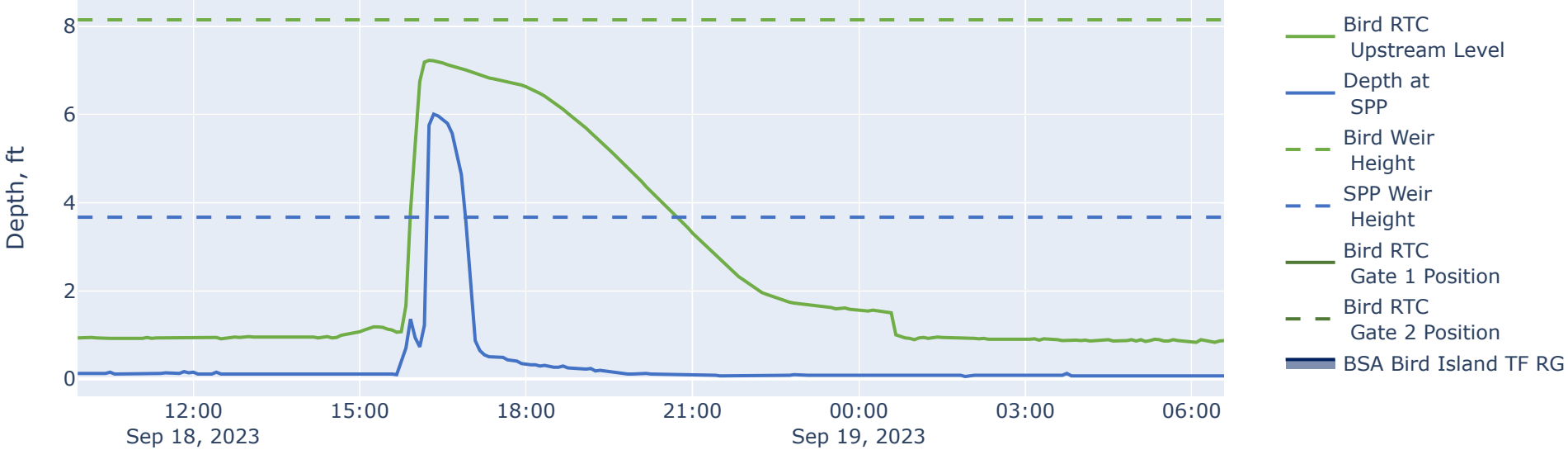
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.28
Volume Stored (MG)	0.854
Unused Storage Volume (MG)	0.238
RTC Depth at Overflow Start (ft)	7.23
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



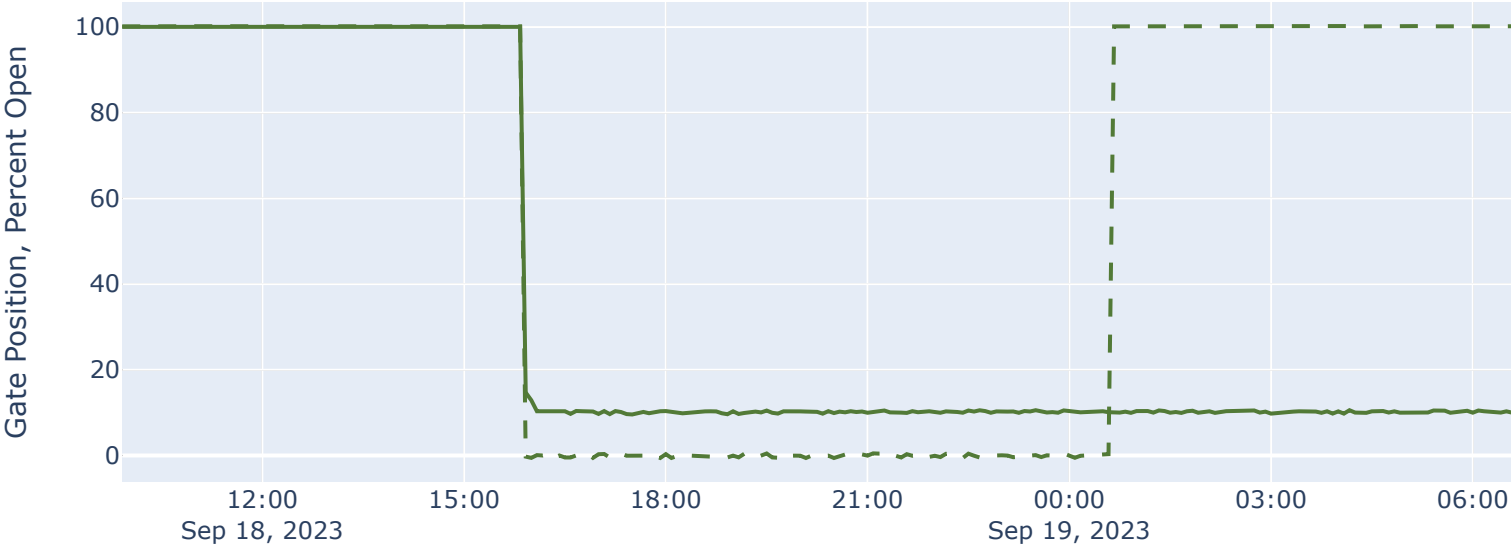
September 18, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	09/18/2023 09:55
Event End Date/Time	09/19/2023 06:35
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

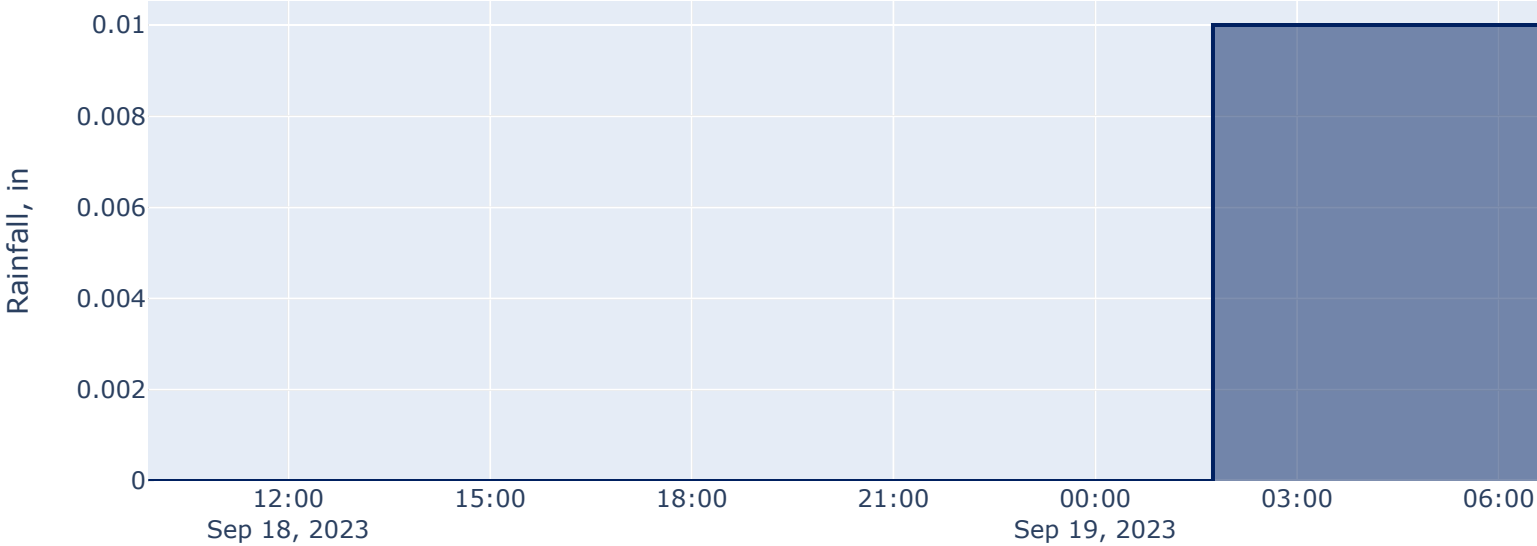
Overflow Data	Value
Overflow Volume Prevented (MG)	0.84
Percent Captured (%)	41
Unused Storage Volume (MG)	0.251
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.198
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.198
Overflow Duration (hr)	0.58



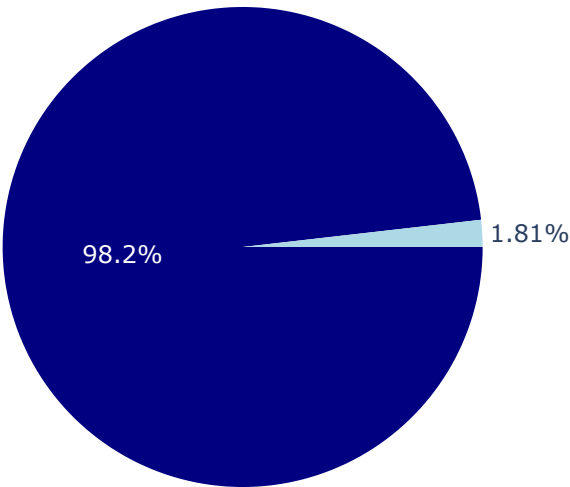
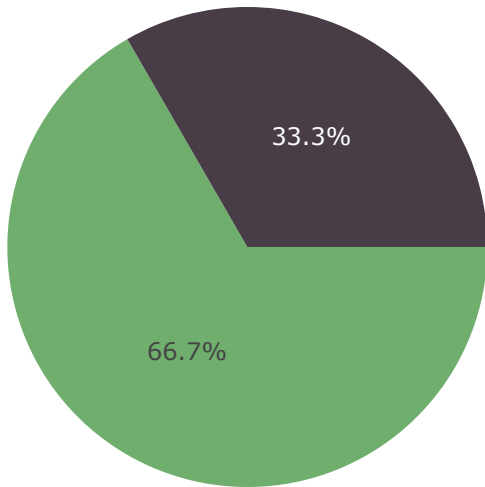
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.66	1.66
Site Return to Normal Depth (ft)	N/A	1.0
Time Activated	09/18/2023 15:50	09/18/2023 15:50
Time Returned to Normal	N/A	09/19/2023 00:40



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.23
Volume Stored (MG)	0.84
Unused Storage Volume (MG)	0.251
RTC Depth at Overflow Start (ft)	7.23
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Oct2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Prevented
- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

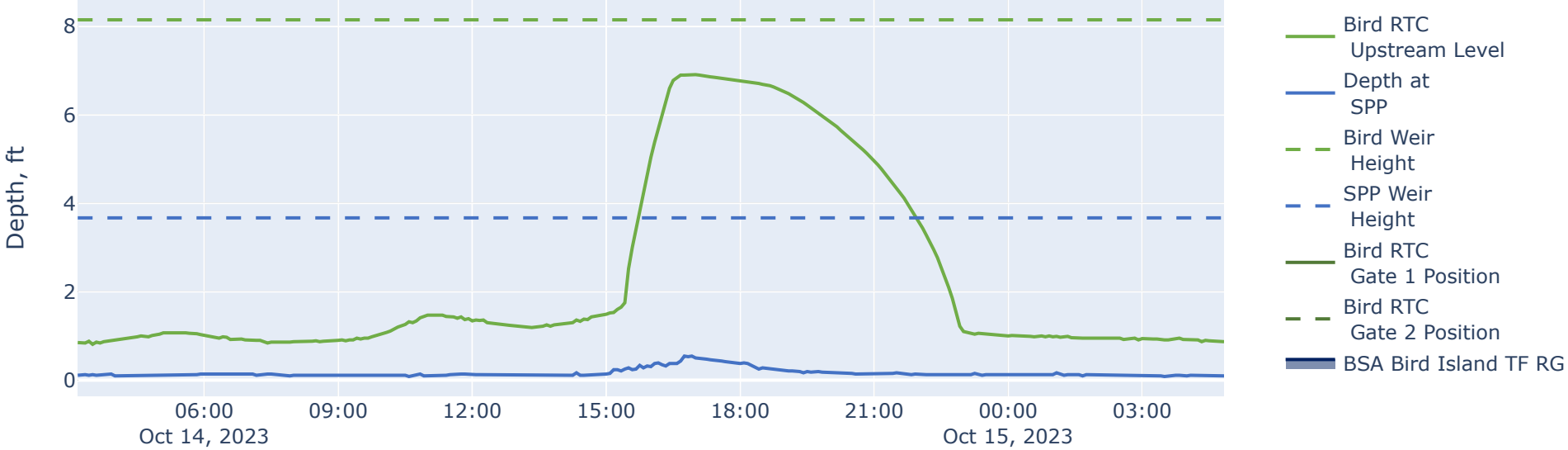
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	1	1.734	0.032	2.92

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
October 14, 2023	0.4	0.0	0.761	100	0.331	70	Good
October 25, 2023	0.23	0.0	0.194	100	0.916	17	Good
October 29, 2023	0.8	0.032	0.779	96	0.314	71	Good

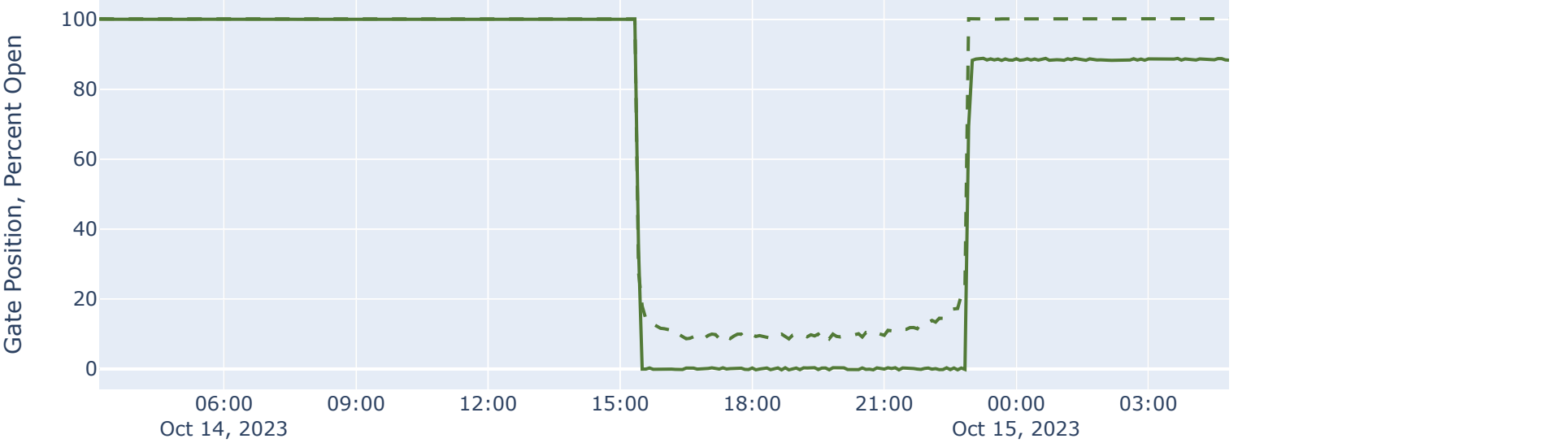
October 14, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	10/14/2023 03:10
Event End Date/Time	10/15/2023 04:50
Total Rainfall Accumulation (in)	0.4
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	14.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

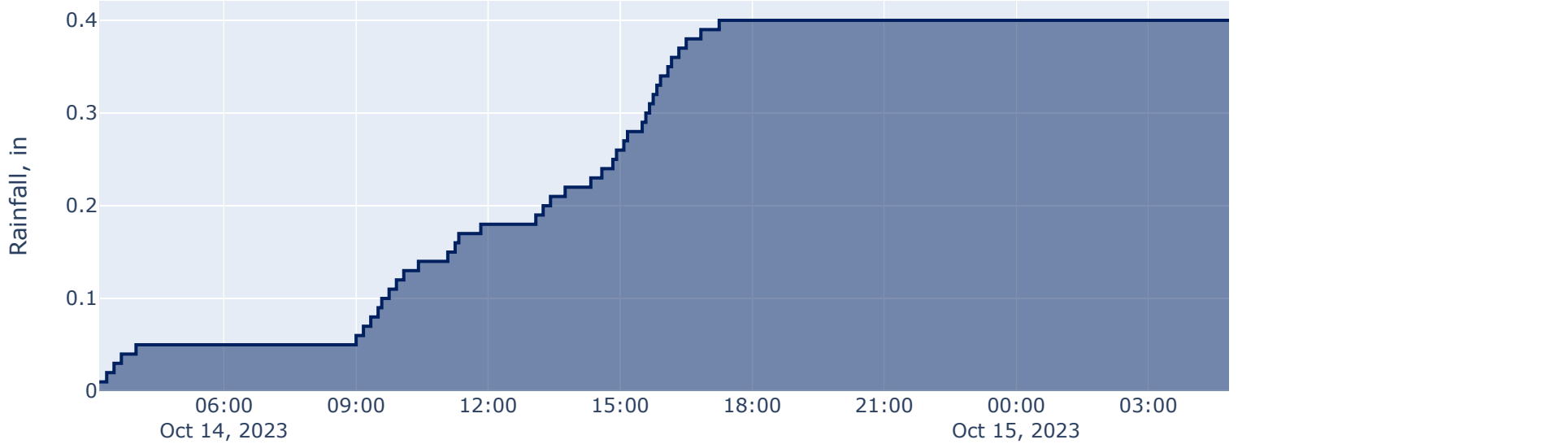
Overflow Data	Value
Overflow Volume Prevented (MG)	0.761
Percent Captured (%)	100
Unused Storage Volume (MG)	0.331
Overflow Before Storage Full	No
Storage Utilization (%)	70
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	N/A	1.22
Time Activated	10/14/2023 15:20	10/14/2023 15:20
Time Returned to Normal	N/A	10/14/2023 22:55



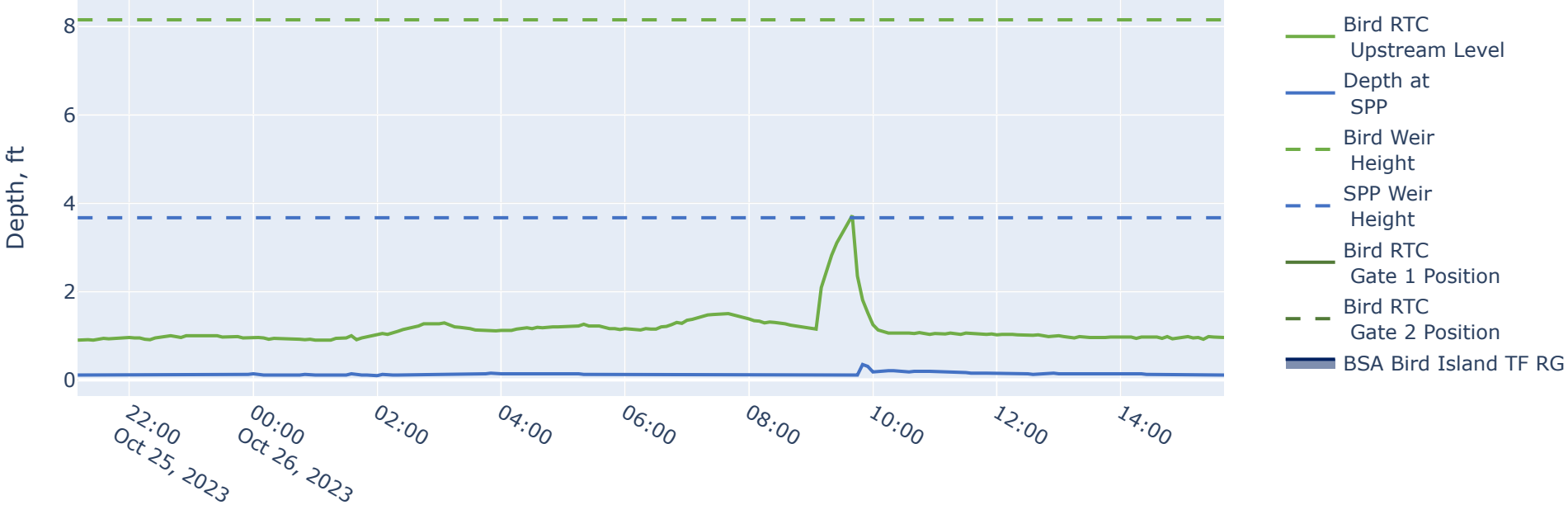
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.91
Volume Stored (MG)	0.761
Unused Storage Volume (MG)	0.331
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



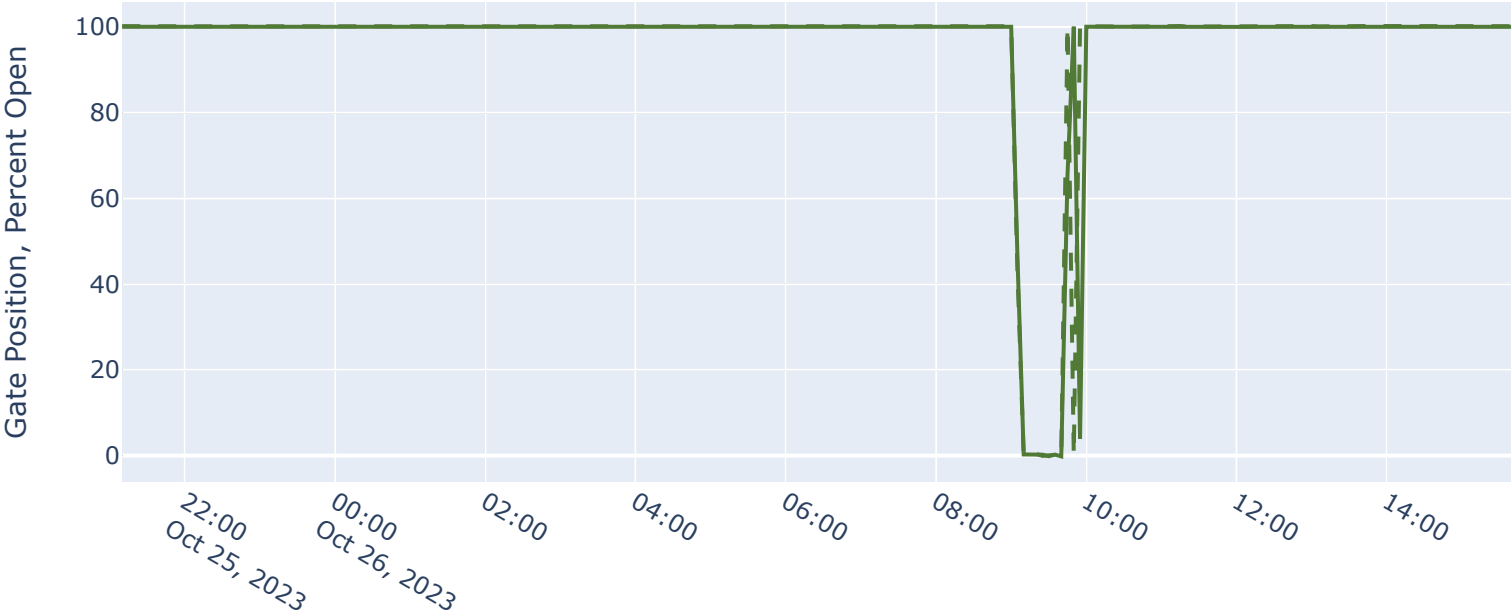
October 25, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	10/25/2023 21:10
Event End Date/Time	10/26/2023 15:40
Total Rainfall Accumulation (in)	0.23
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	12.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

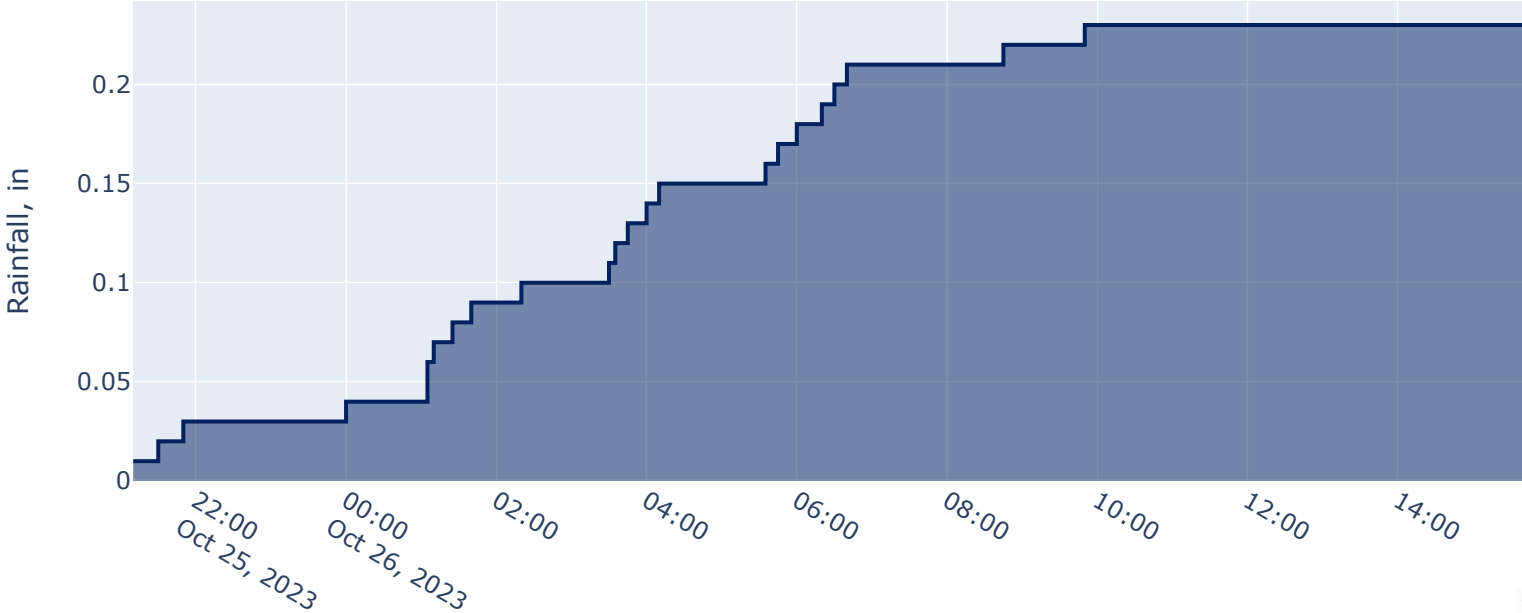
Overflow Data	Value
Overflow Volume Prevented (MG)	0.194
Percent Captured (%)	100
Unused Storage Volume (MG)	0.916
Overflow Before Storage Full	No
Storage Utilization (%)	17
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.15	1.15
Site Return to Normal Depth (ft)	1.25	1.52
Time Activated	10/26/2023 09:00	10/26/2023 09:00
Time Returned to Normal	10/26/2023 10:00	10/26/2023 09:55



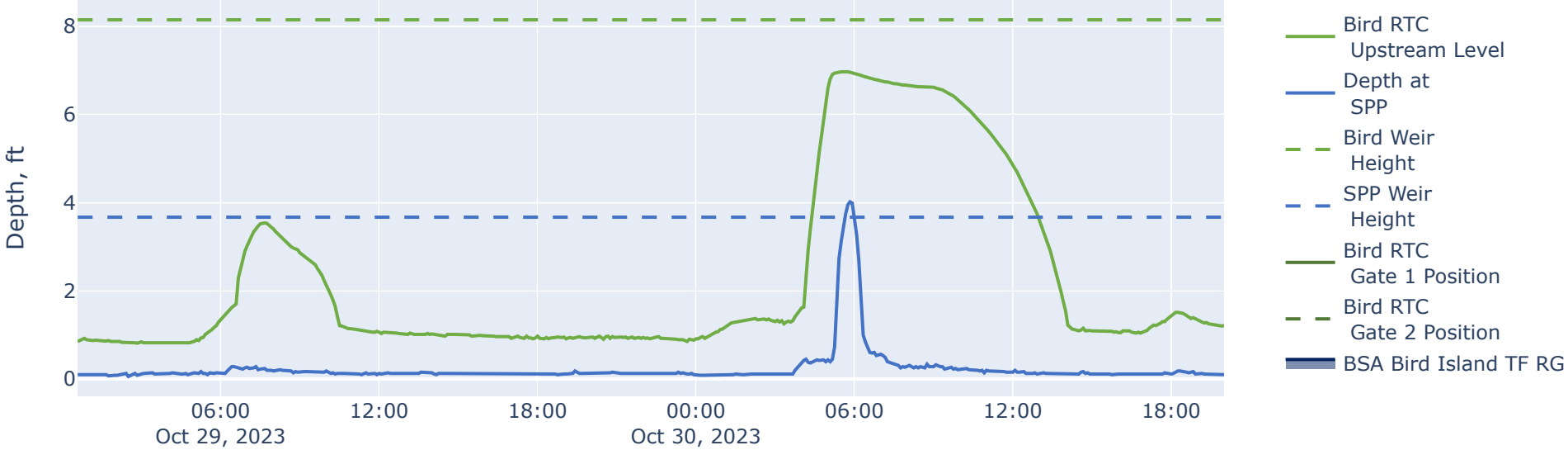
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.72
Volume Stored (MG)	0.194
Unused Storage Volume (MG)	0.916
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



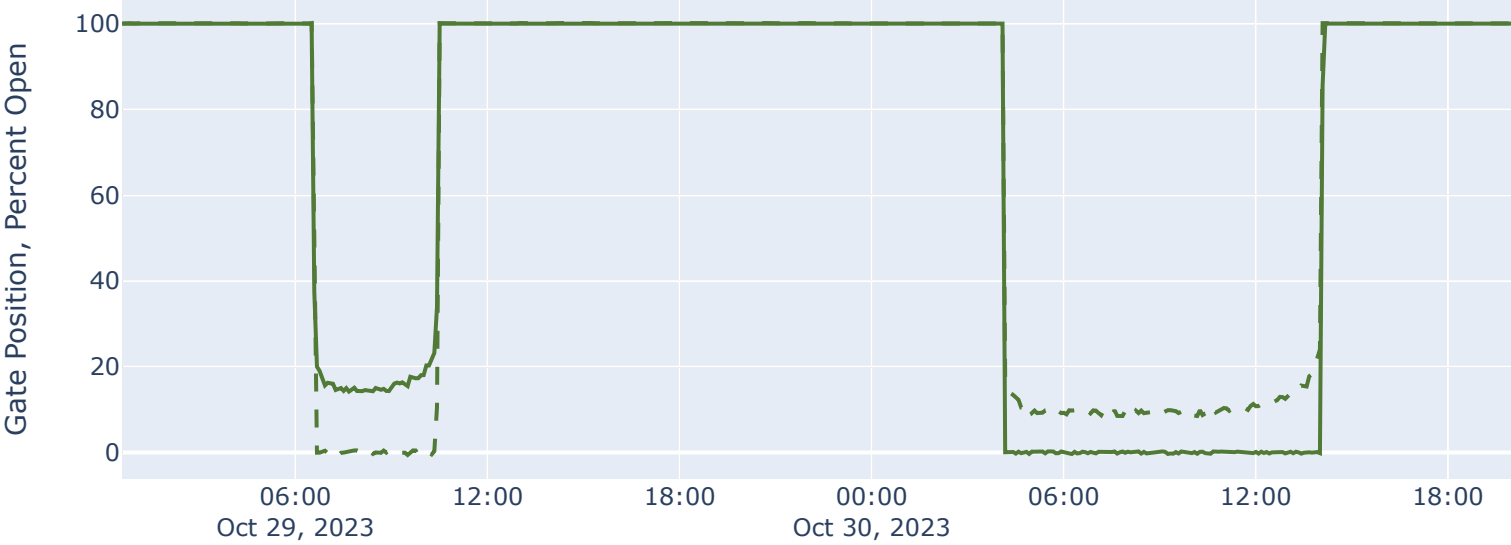
October 29, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	10/29/2023 00:35
Event End Date/Time	10/30/2023 20:00
Total Rainfall Accumulation (in)	0.8
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	20.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

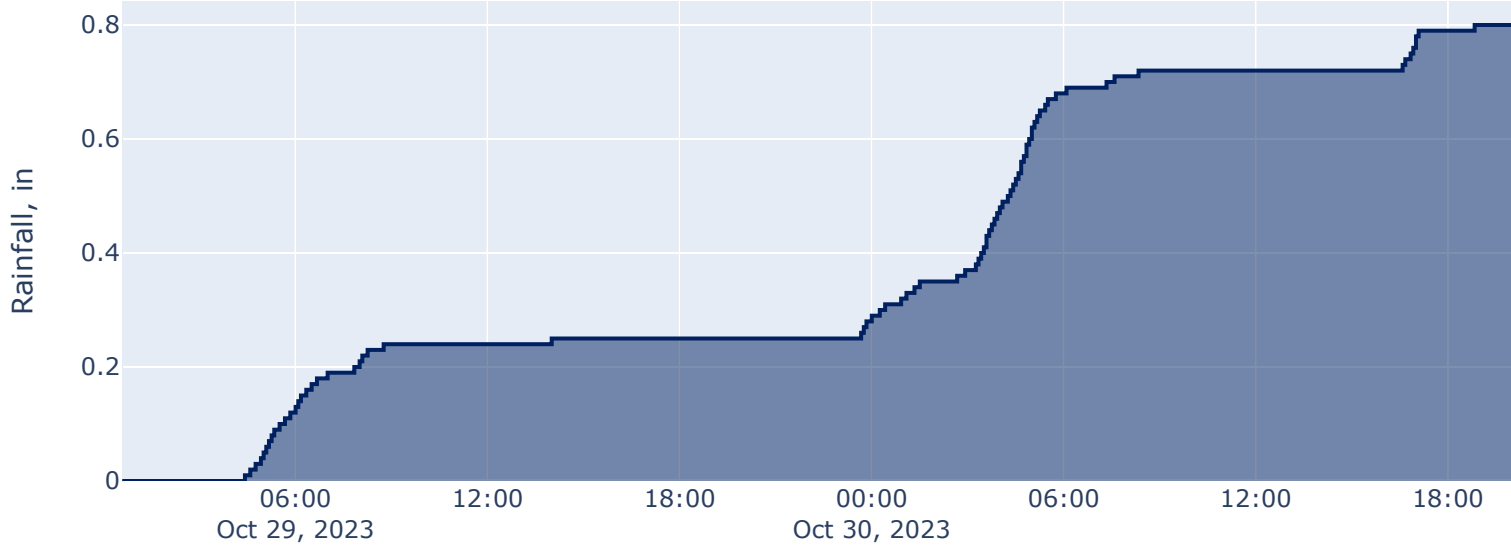
Overflow Data	Value
Overflow Volume Prevented (MG)	0.779
Percent Captured (%)	96
Unused Storage Volume (MG)	0.314
Overflow Before Storage Full	Yes
Storage Utilization (%)	71
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.032
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.032
Overflow Duration (hr)	0.33



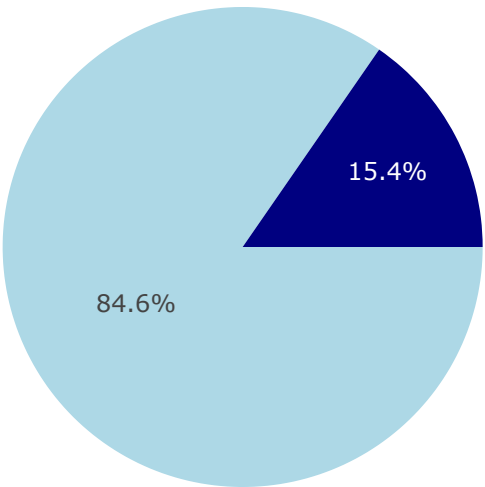
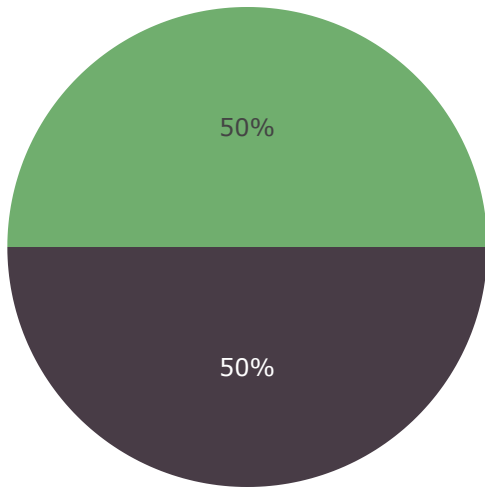
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.63	1.63
Site Return to Normal Depth (ft)	1.16	1.22
Time Activated	10/29/2023 06:30	10/29/2023 06:30
Time Returned to Normal	10/30/2023 14:10	10/30/2023 14:05



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.98
Volume Stored (MG)	0.779
Unused Storage Volume (MG)	0.314
RTC Depth at Overflow Start (ft)	6.98
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Nov2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

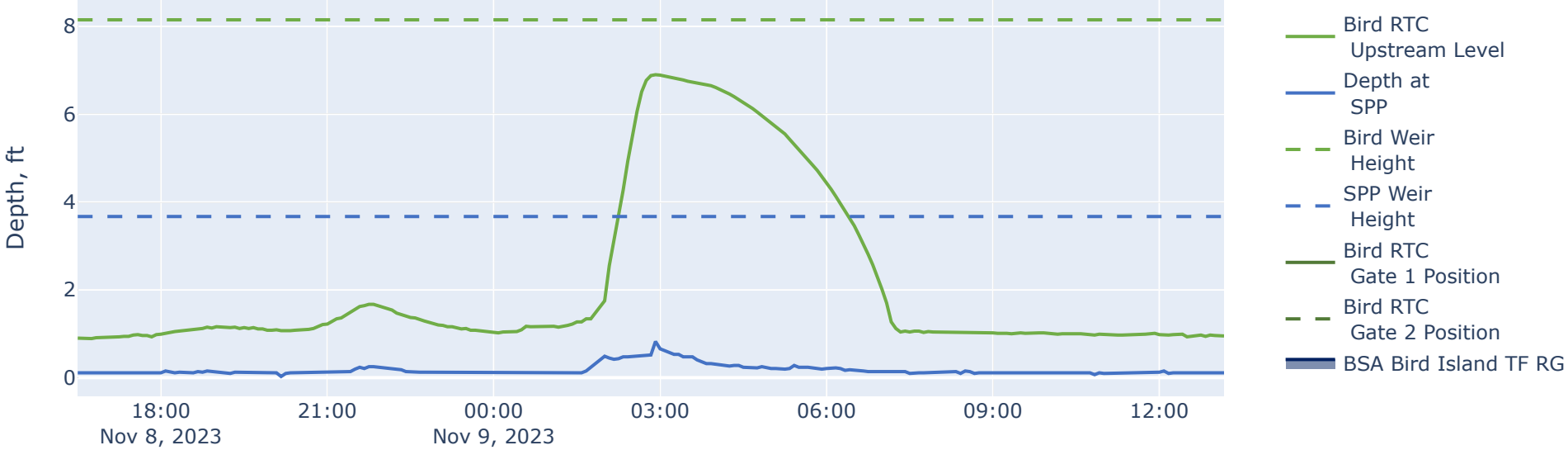
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	2	2.619	14.419	2.63

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
November 08, 2023	0.37	0.0	0.76	100	0.333	70	Good
November 17, 2023	0.57	5.45	0.845	13	0.251	77	Good
November 21, 2023	1.26	8.969	0.821	8	0.271	75	Good
November 26, 2023	0.16	0.0	0.193	100	0.899	18	Good

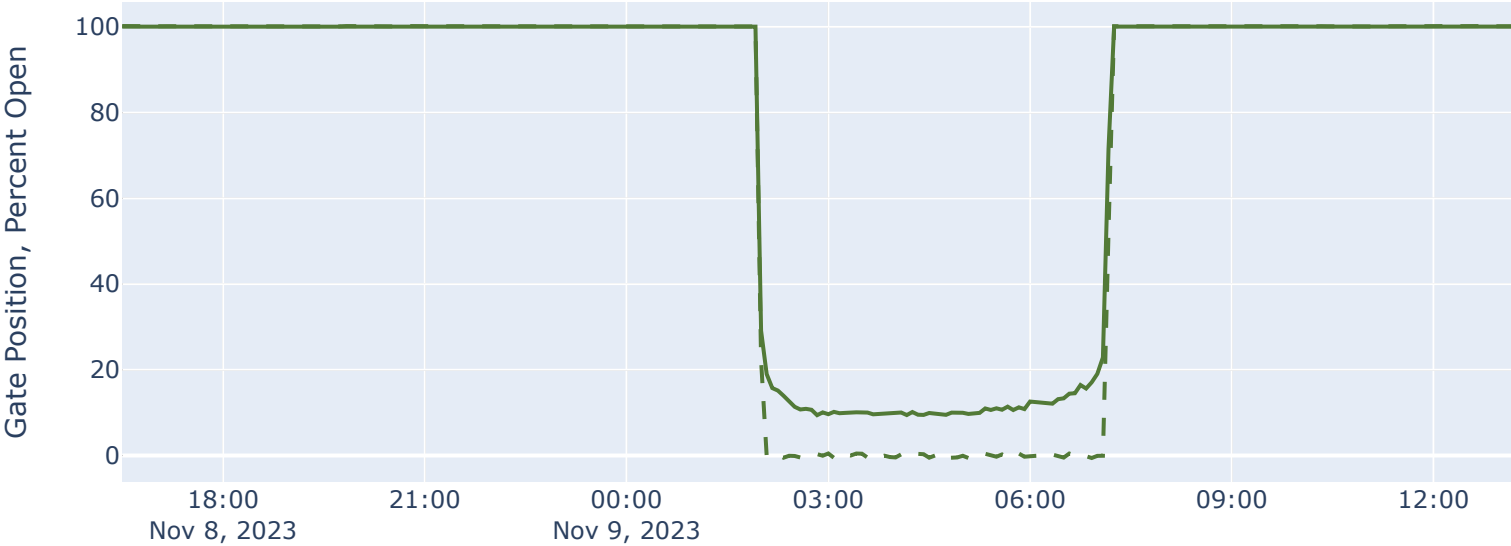
November 08, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	11/08/2023 16:30
Event End Date/Time	11/09/2023 13:10
Total Rainfall Accumulation (in)	0.37
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	9.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

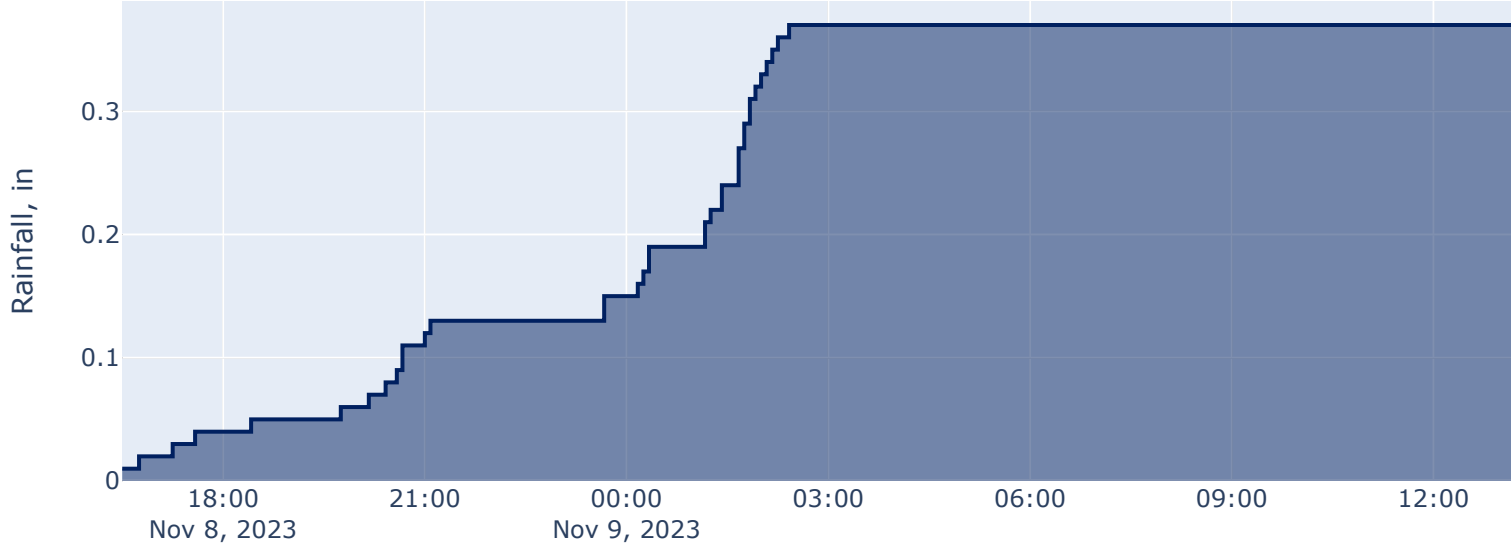
Overflow Data	Value
Overflow Volume Prevented (MG)	0.76
Percent Captured (%)	100
Unused Storage Volume (MG)	0.333
Overflow Before Storage Full	No
Storage Utilization (%)	70
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.62	1.62
Site Return to Normal Depth (ft)	1.12	1.12
Time Activated	11/09/2023 01:55	11/09/2023 01:55
Time Returned to Normal	11/09/2023 07:15	11/09/2023 07:15



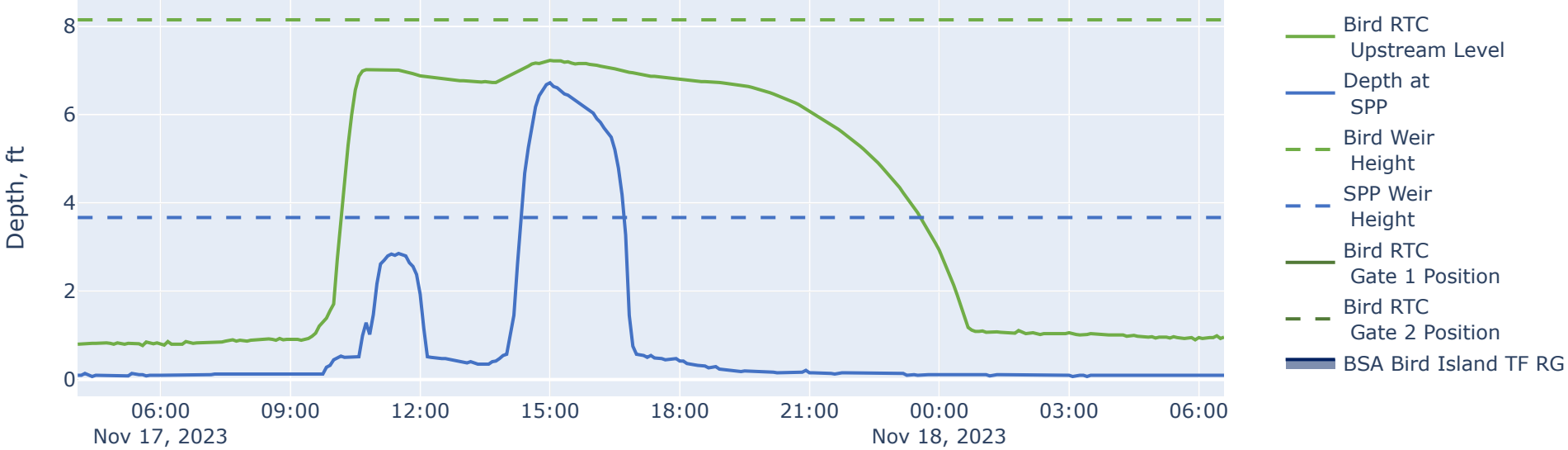
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.9
Volume Stored (MG)	0.76
Unused Storage Volume (MG)	0.333
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



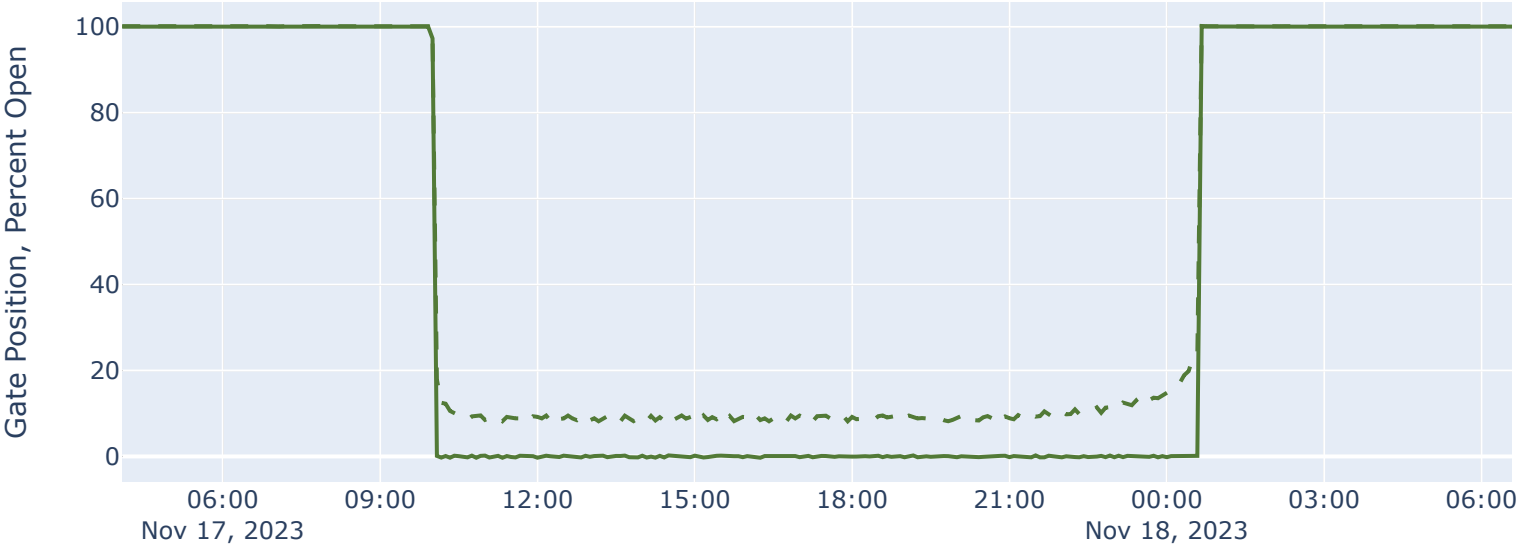
November 17, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	11/17/2023 04:05
Event End Date/Time	11/18/2023 06:35
Total Rainfall Accumulation (in)	0.57
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	6.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

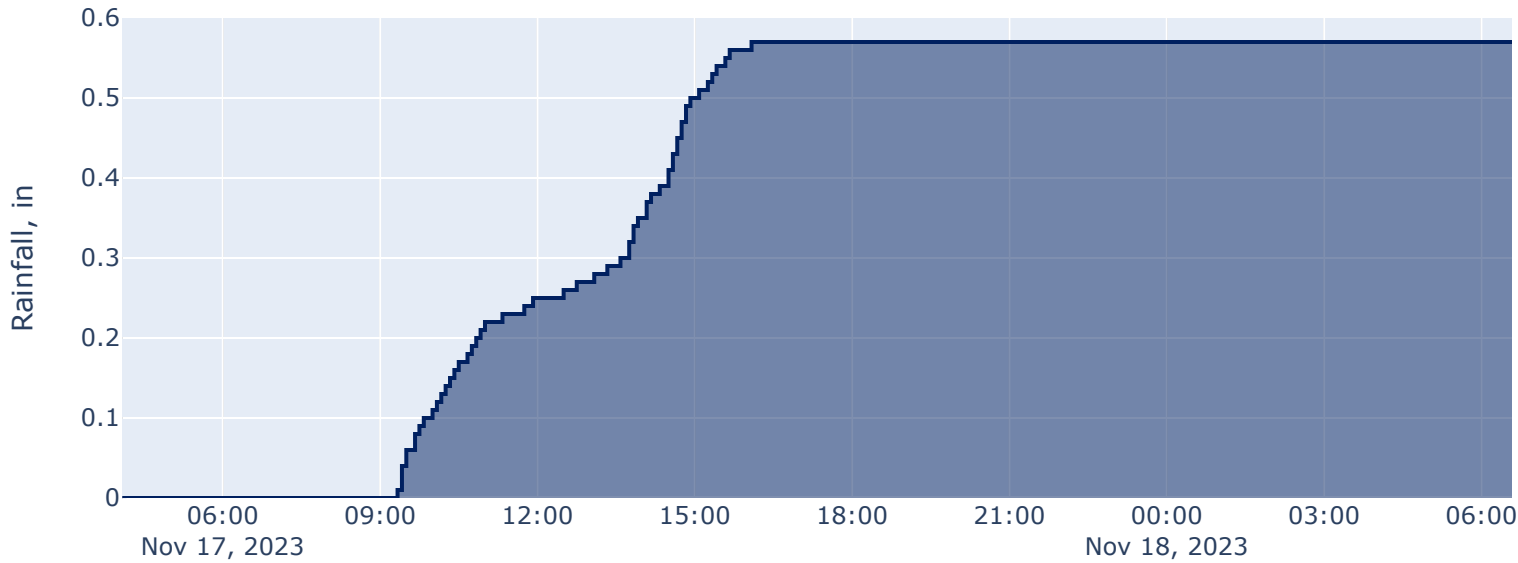
Overflow Data	Value
Overflow Volume Prevented (MG)	0.845
Percent Captured (%)	13
Unused Storage Volume (MG)	0.251
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	5.45
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	5.45
Overflow Duration (hr)	2.25



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.56	1.56
Site Return to Normal Depth (ft)	1.18	1.18
Time Activated	11/17/2023 09:55	11/17/2023 09:55
Time Returned to Normal	11/18/2023 00:40	11/18/2023 00:40



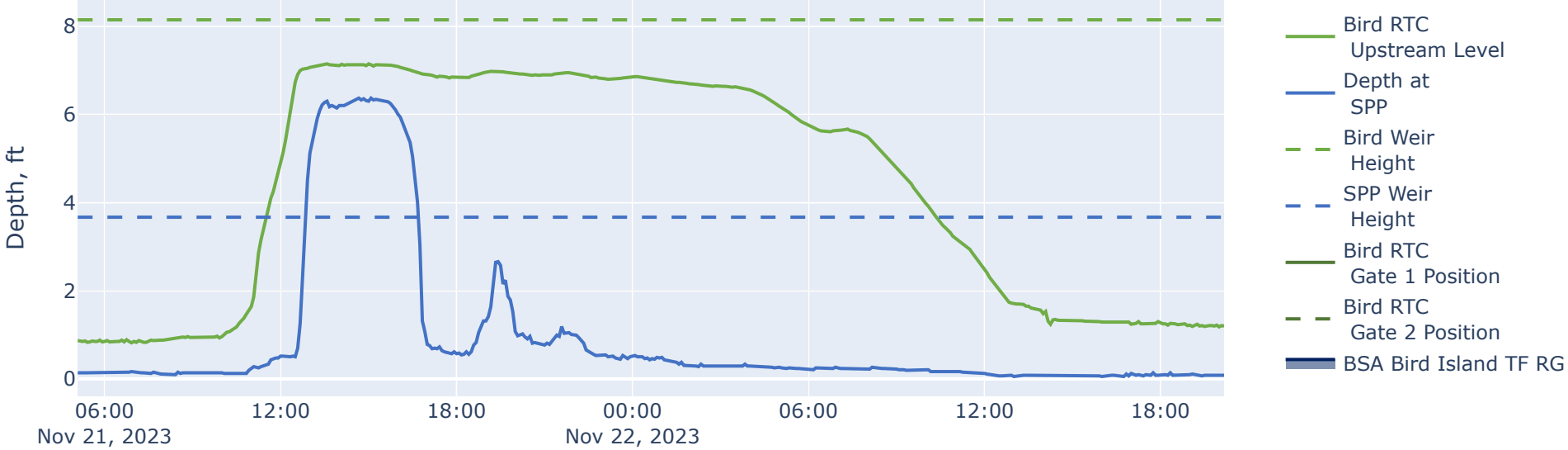
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.23
Volume Stored (MG)	0.845
Unused Storage Volume (MG)	0.251
RTC Depth at Overflow Start (ft)	7.04
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



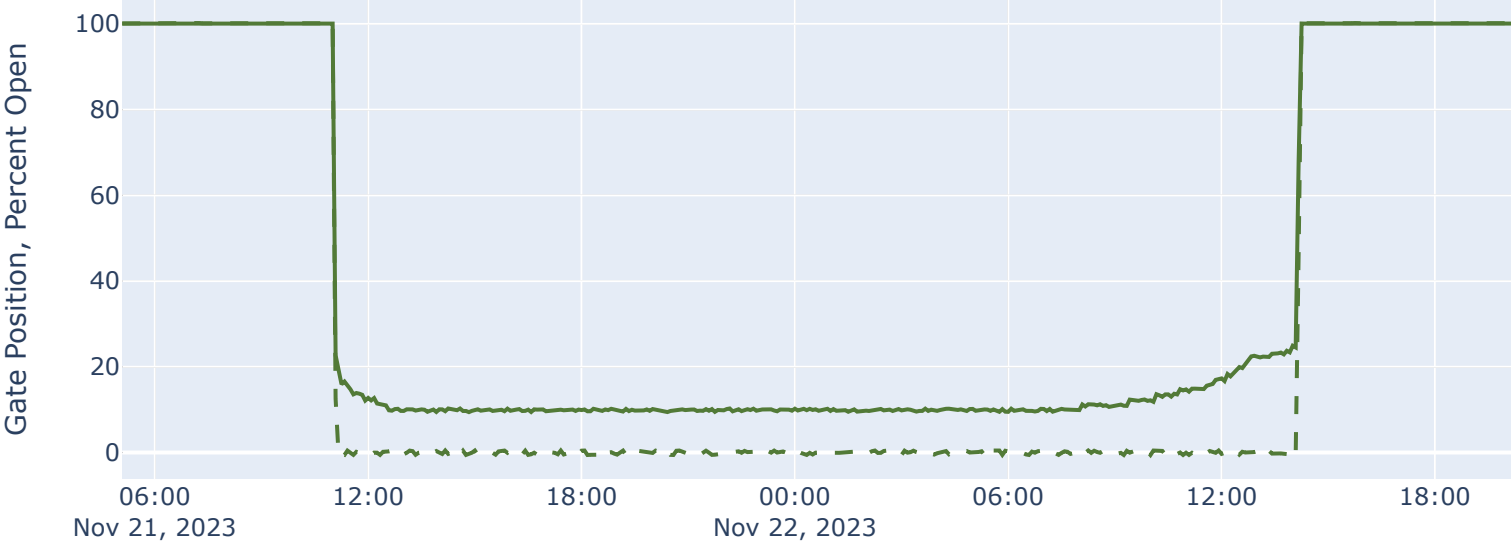
November 21, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	11/21/2023 05:05
Event End Date/Time	11/22/2023 20:10
Total Rainfall Accumulation (in)	1.26
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	24.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

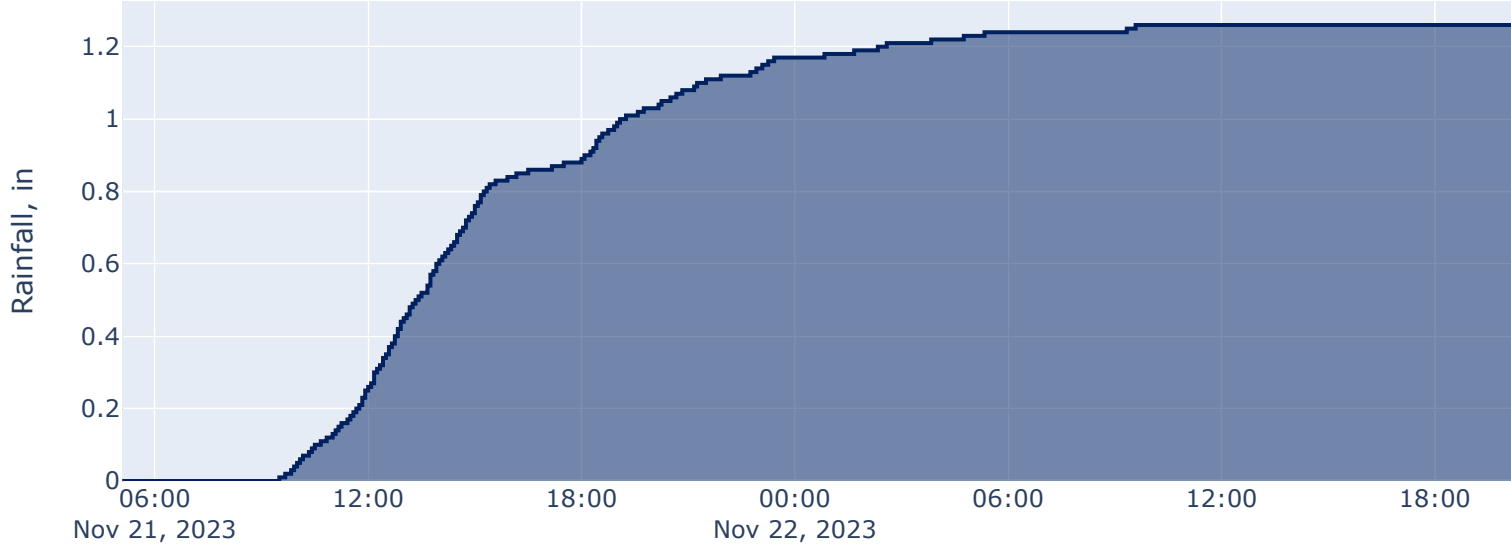
Overflow Data	Value
Overflow Volume Prevented (MG)	0.821
Percent Captured (%)	8
Unused Storage Volume (MG)	0.271
Overflow Before Storage Full	Yes
Storage Utilization (%)	75
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	8.969
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	8.969
Overflow Duration (hr)	3.83



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.64	1.64
Site Return to Normal Depth (ft)	1.24	1.24
Time Activated	11/21/2023 11:00	11/21/2023 11:00
Time Returned to Normal	11/22/2023 14:15	11/22/2023 14:15



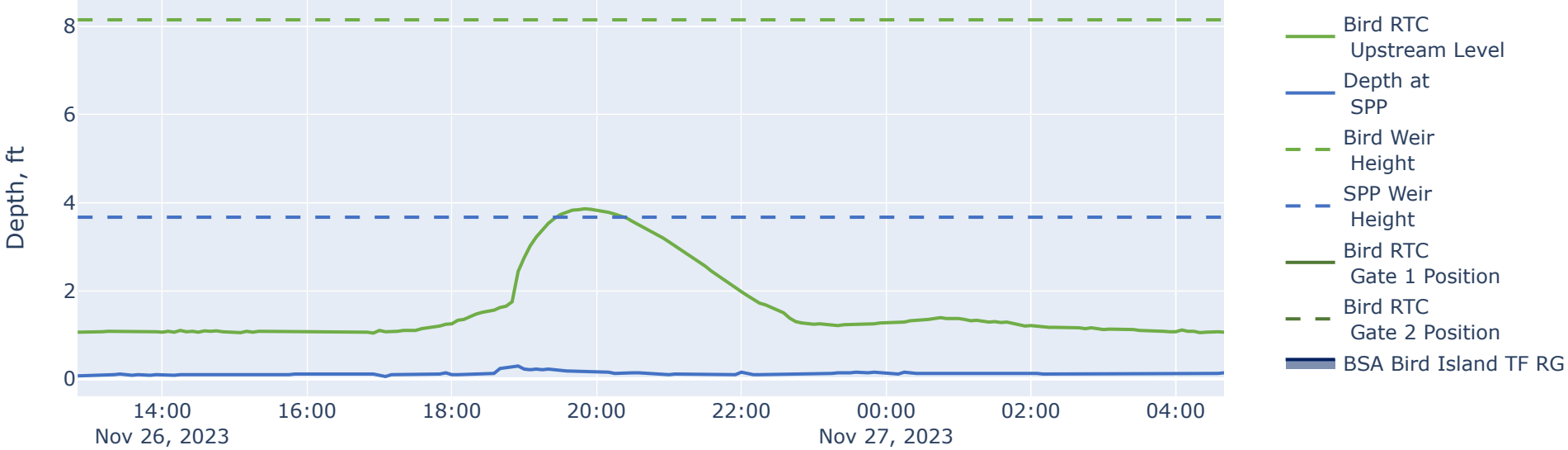
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.15
Volume Stored (MG)	0.821
Unused Storage Volume (MG)	0.271
RTC Depth at Overflow Start (ft)	7.03
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



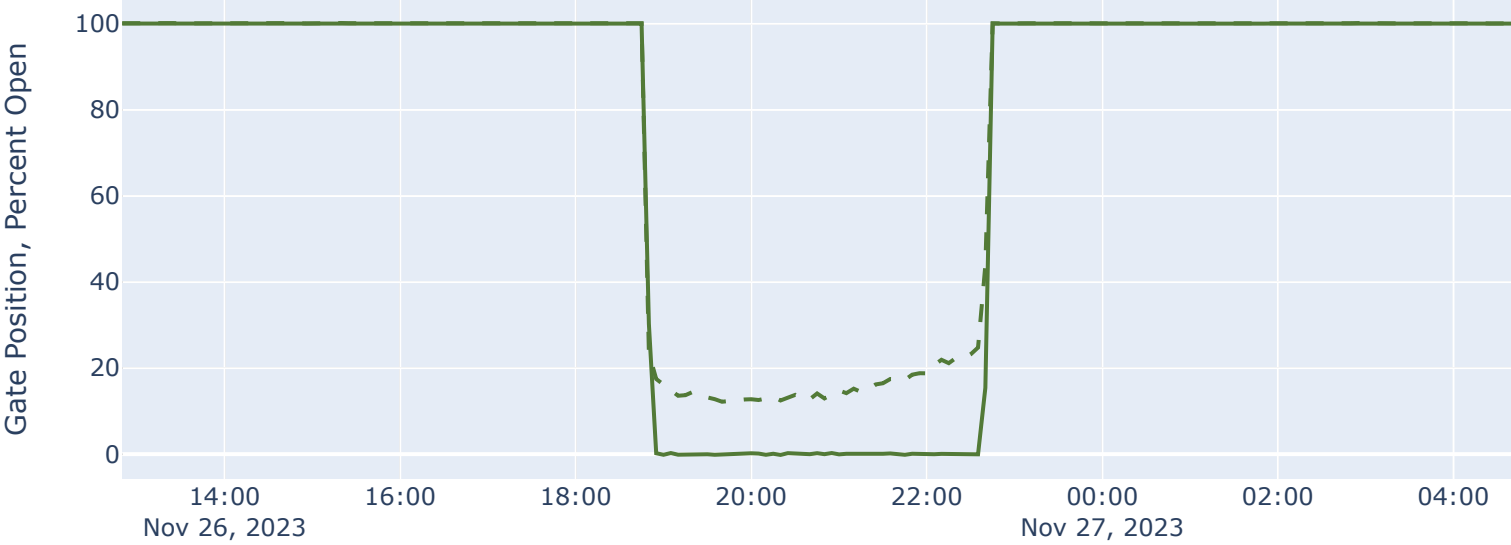
November 26, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	11/26/2023 12:50
Event End Date/Time	11/27/2023 04:40
Total Rainfall Accumulation (in)	0.16
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	6.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

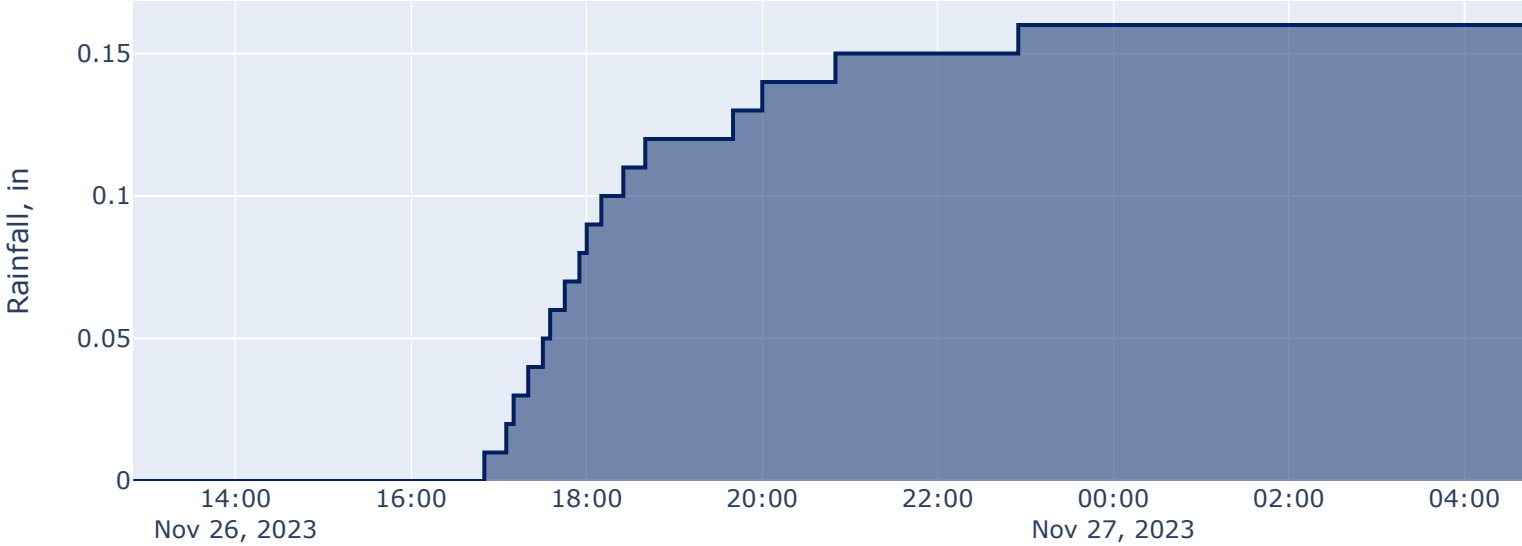
Overflow Data	Value
Overflow Volume Prevented (MG)	0.193
Percent Captured (%)	100
Unused Storage Volume (MG)	0.899
Overflow Before Storage Full	No
Storage Utilization (%)	18
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



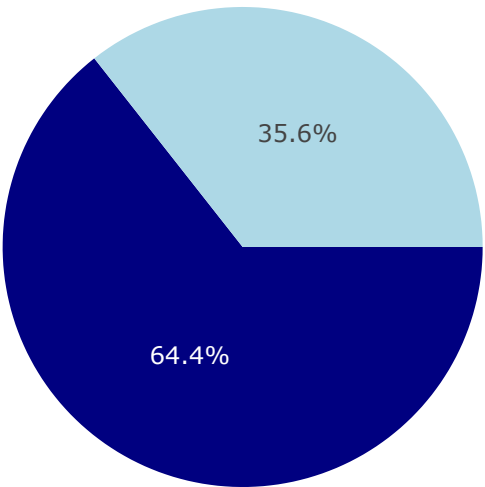
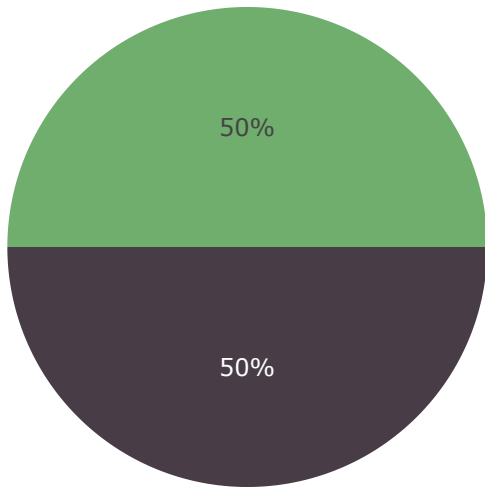
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	1.3	1.3
Time Activated	11/26/2023 18:45	11/26/2023 18:45
Time Returned to Normal	11/26/2023 22:45	11/26/2023 22:45



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.86
Volume Stored (MG)	0.193
Unused Storage Volume (MG)	0.899
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Dec2023 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

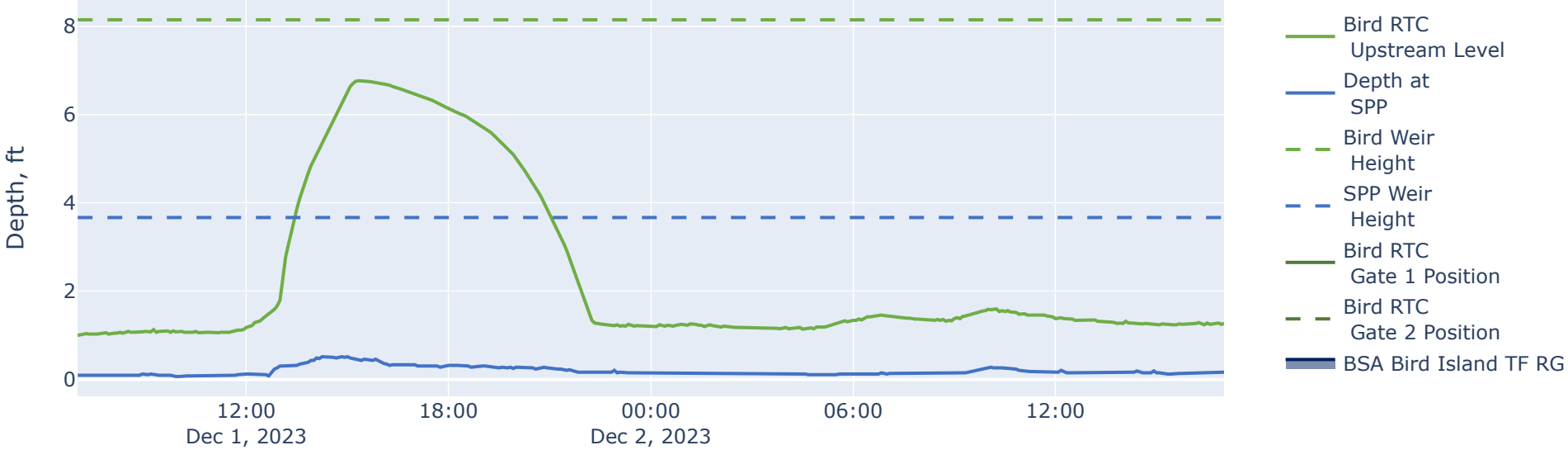
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
3	3	3.879	2.145	4.12

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
December 01, 2023	0.54	0.0	0.726	100	0.365	67	Good
December 03, 2023	0.31	0.821	0.802	49	0.289	74	Good
December 07, 2023	0.43	0.0	0.732	100	0.36	67	Good
December 09, 2023	0.44	0.946	0.784	45	0.306	72	Good
December 17, 2023	0.7	0.378	0.787	68	0.309	72	Good
December 28, 2023	0.08	0.0	0.048	100	1.058	4	Good

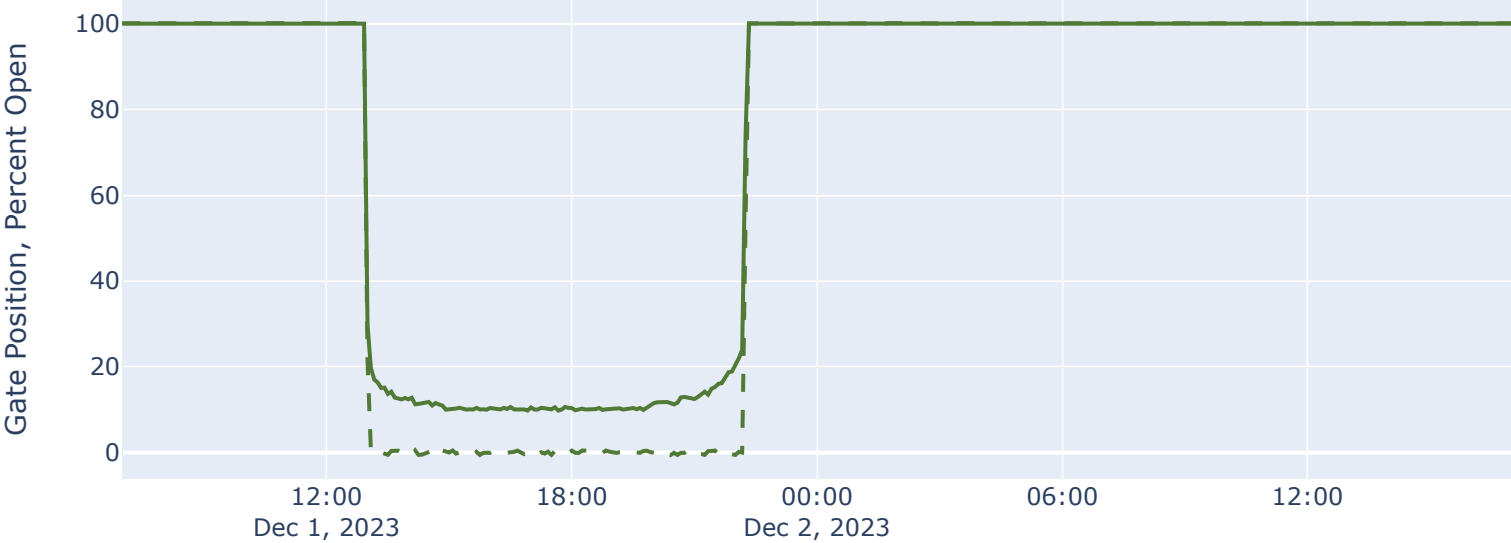
December 01, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	12/01/2023 07:00
Event End Date/Time	12/02/2023 17:00
Total Rainfall Accumulation (in)	0.54
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	30.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

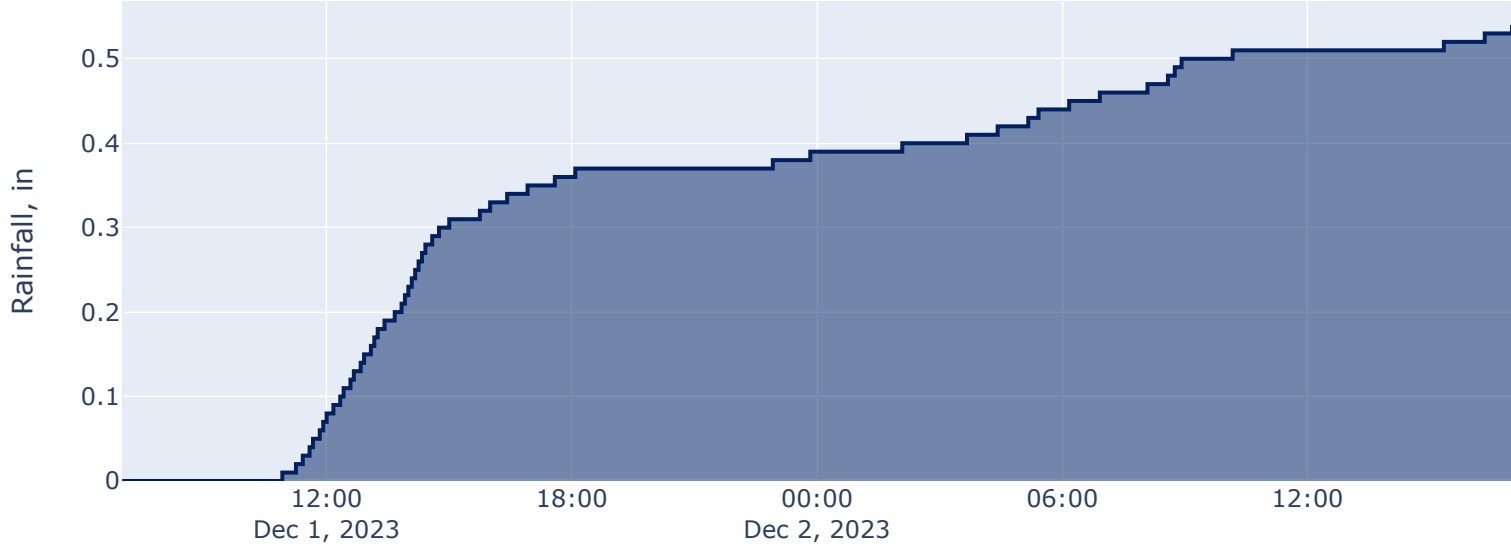
Overflow Data	Value
Overflow Volume Prevented (MG)	0.726
Percent Captured (%)	100
Unused Storage Volume (MG)	0.365
Overflow Before Storage Full	No
Storage Utilization (%)	67
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.67	1.67
Site Return to Normal Depth (ft)	1.28	1.28
Time Activated	12/01/2023 12:55	12/01/2023 12:55
Time Returned to Normal	12/01/2023 22:20	12/01/2023 22:20



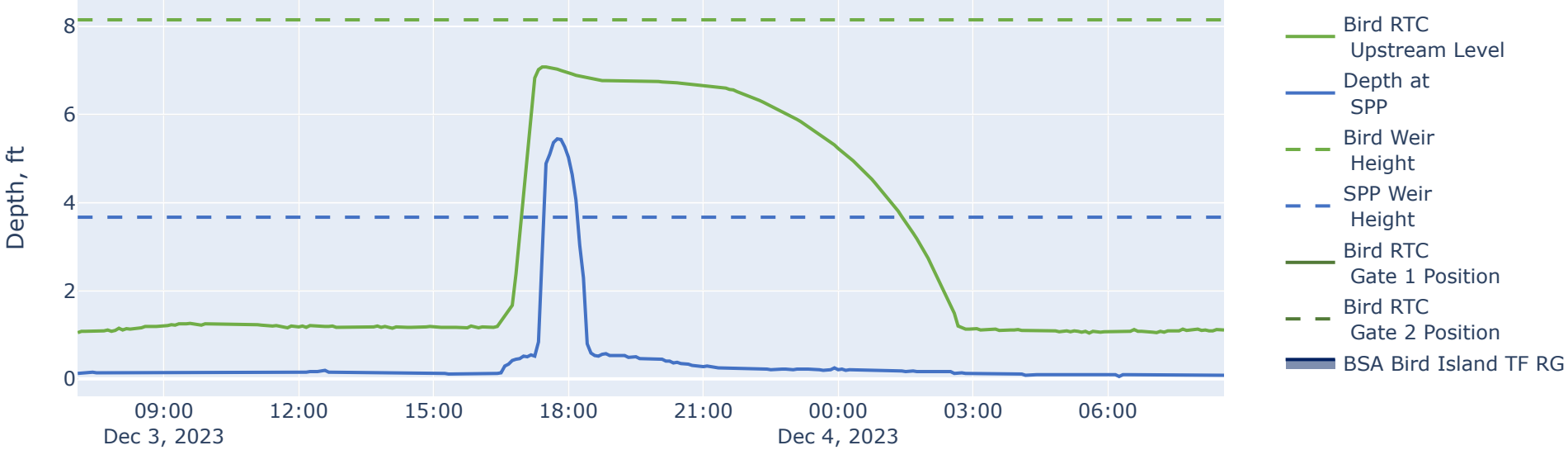
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.77
Volume Stored (MG)	0.726
Unused Storage Volume (MG)	0.365
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



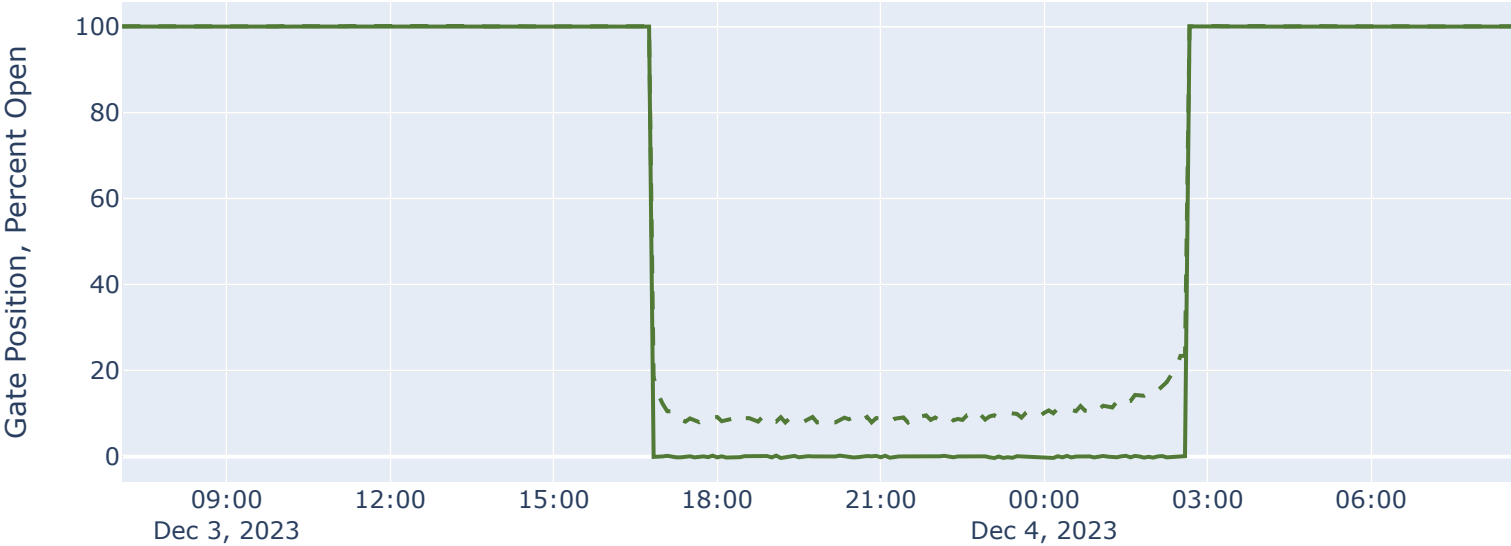
December 03, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	12/03/2023 07:05
Event End Date/Time	12/04/2023 08:35
Total Rainfall Accumulation (in)	0.31
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	13.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

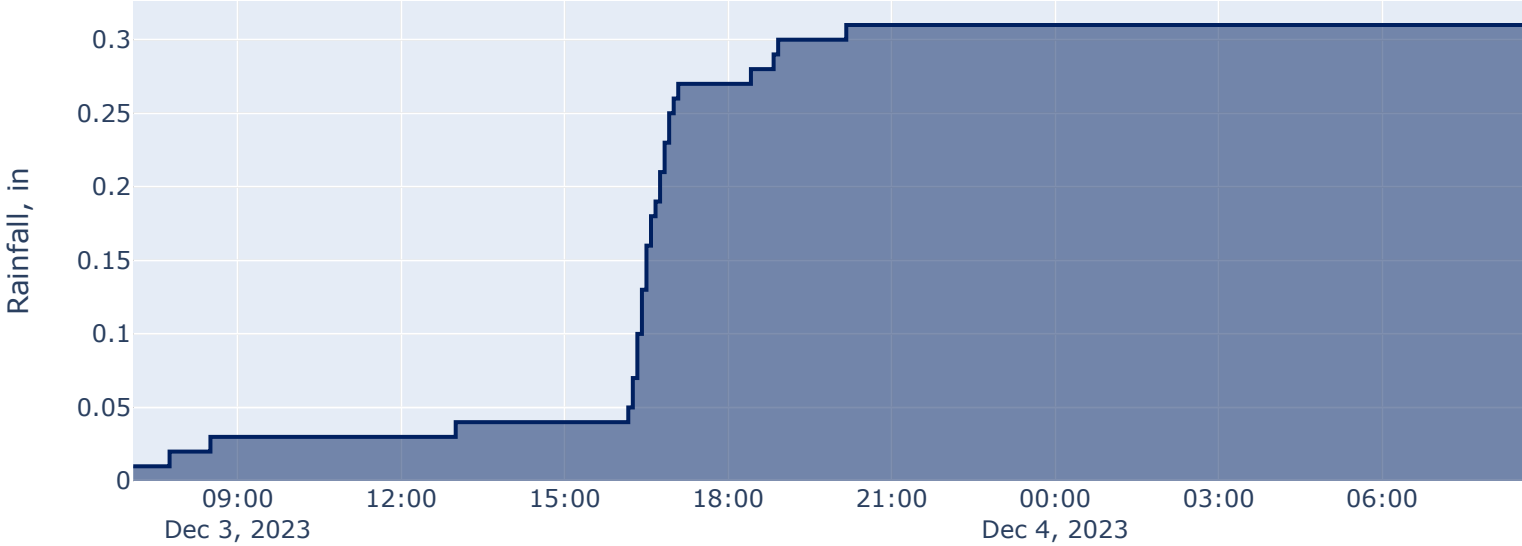
Overflow Data	Value
Overflow Volume Prevented (MG)	0.802
Percent Captured (%)	49
Unused Storage Volume (MG)	0.289
Overflow Before Storage Full	Yes
Storage Utilization (%)	74
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.821
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.821
Overflow Duration (hr)	0.67



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.67	1.67
Site Return to Normal Depth (ft)	1.2	1.2
Time Activated	12/03/2023 16:45	12/03/2023 16:45
Time Returned to Normal	12/04/2023 02:40	12/04/2023 02:40



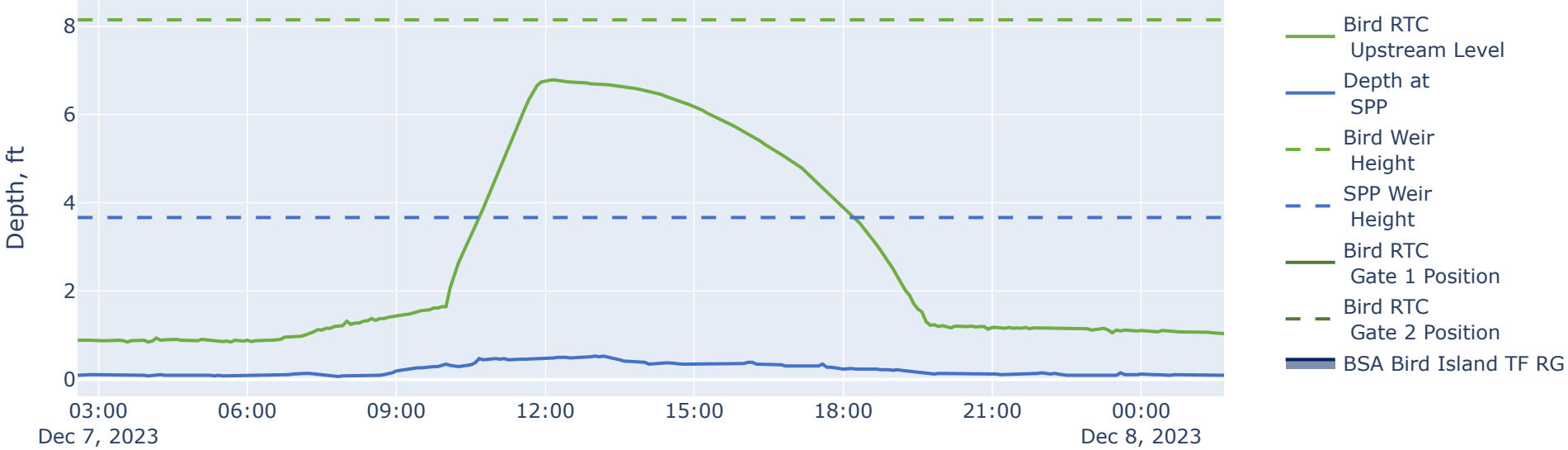
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.08
Volume Stored (MG)	0.802
Unused Storage Volume (MG)	0.289
RTC Depth at Overflow Start (ft)	7.08
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



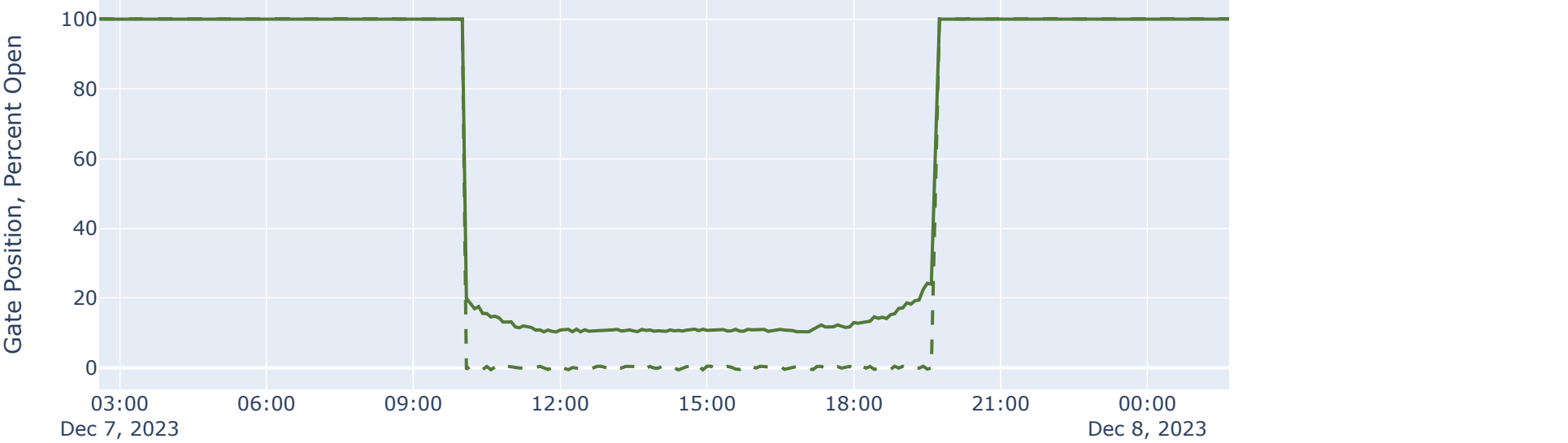
December 07, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	12/07/2023 02:35
Event End Date/Time	12/08/2023 01:40
Total Rainfall Accumulation (in)	0.43
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	8.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

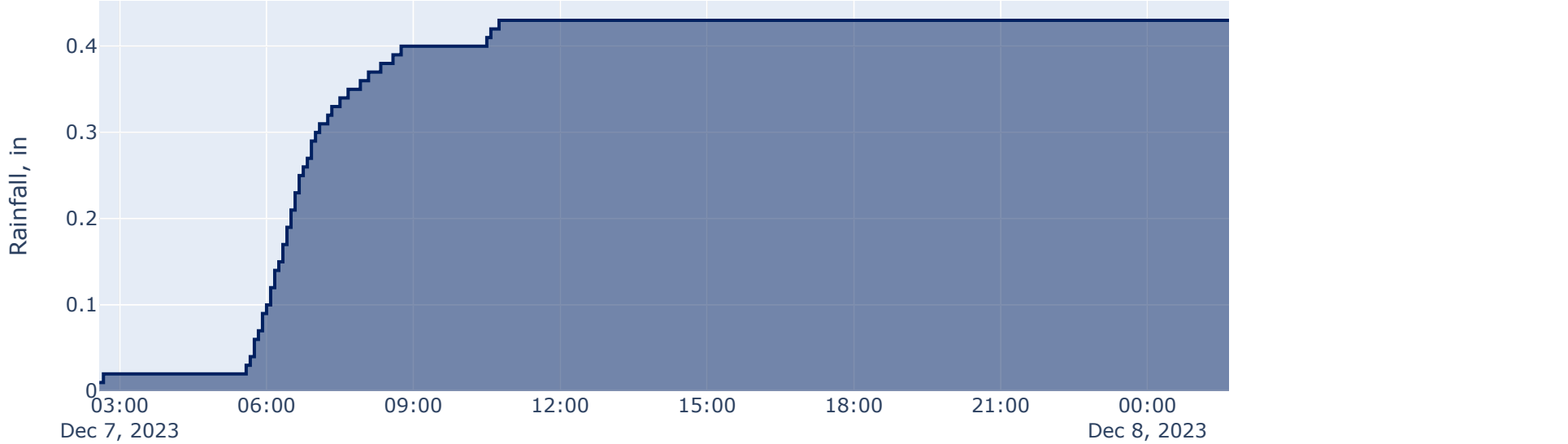
Overflow Data	Value
Overflow Volume Prevented (MG)	0.732
Percent Captured (%)	100
Unused Storage Volume (MG)	0.36
Overflow Before Storage Full	No
Storage Utilization (%)	67
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	1.23	1.23
Time Activated	12/07/2023 10:00	12/07/2023 10:00
Time Returned to Normal	12/07/2023 19:45	12/07/2023 19:45



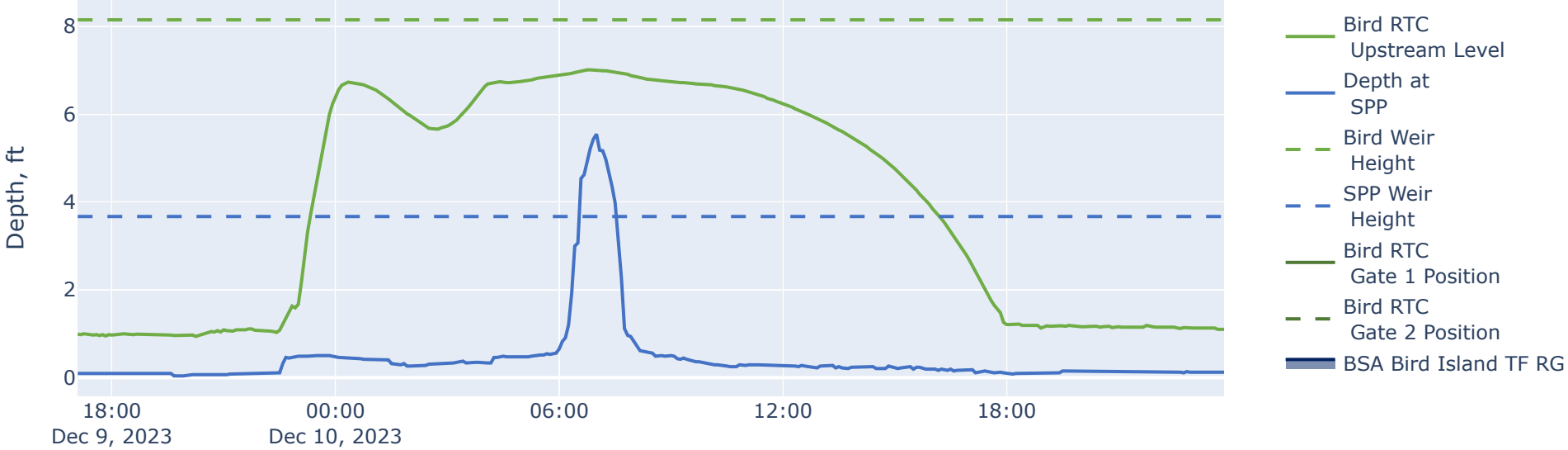
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.79
Volume Stored (MG)	0.732
Unused Storage Volume (MG)	0.36
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



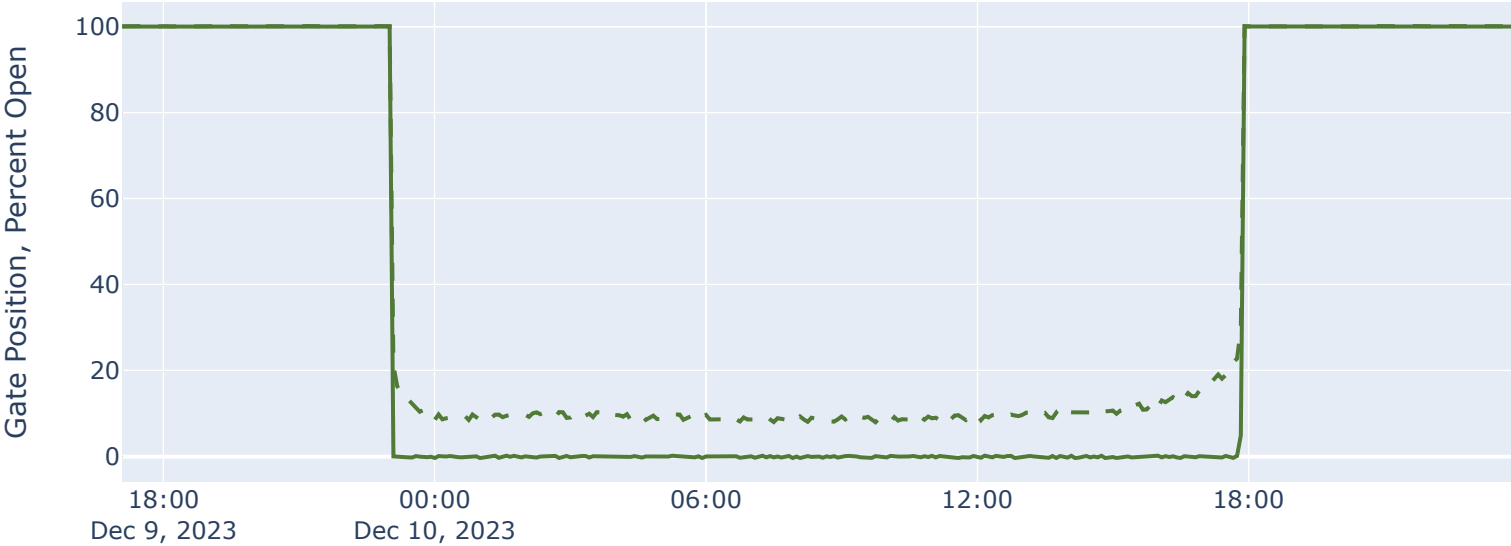
December 09, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	12/09/2023 17:05
Event End Date/Time	12/10/2023 23:50
Total Rainfall Accumulation (in)	0.44
Maximum Rainfall Intensity (in/hr)	0.84
Storm Event Duration (hr)	10.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

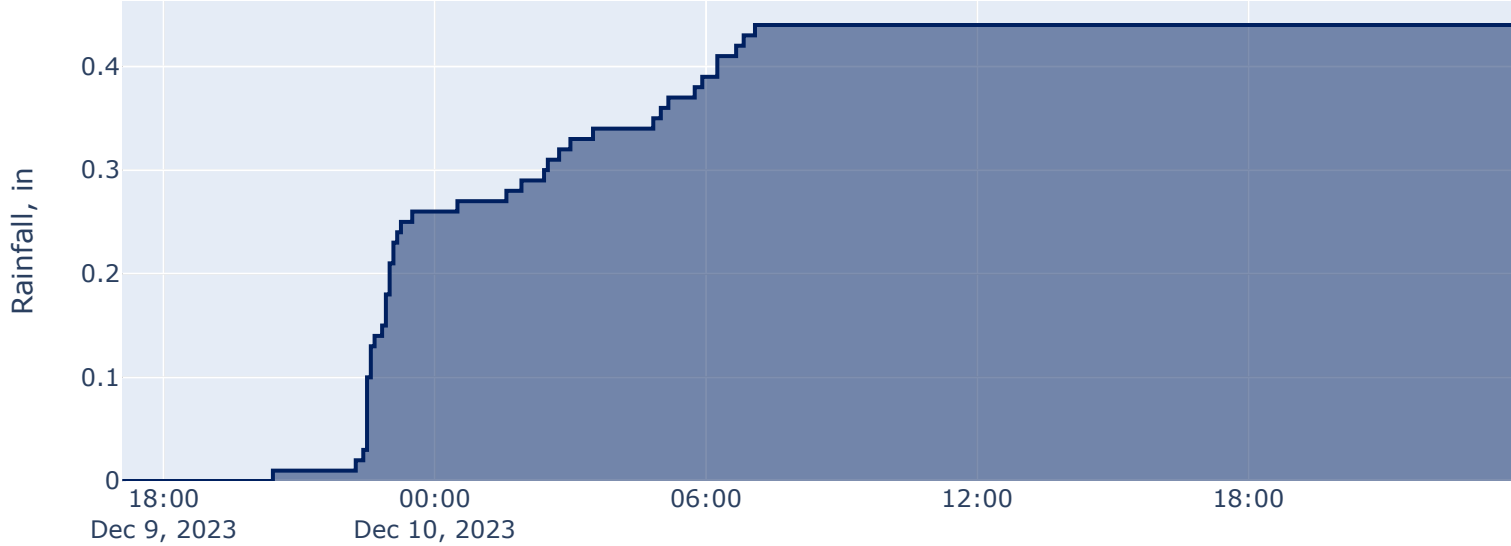
Overflow Data	Value
Overflow Volume Prevented (MG)	0.784
Percent Captured (%)	45
Unused Storage Volume (MG)	0.306
Overflow Before Storage Full	Yes
Storage Utilization (%)	72
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.946
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.946
Overflow Duration (hr)	0.92



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.67	1.67
Site Return to Normal Depth (ft)	1.26	1.26
Time Activated	12/09/2023 23:00	12/09/2023 23:00
Time Returned to Normal	12/10/2023 17:55	12/10/2023 17:55



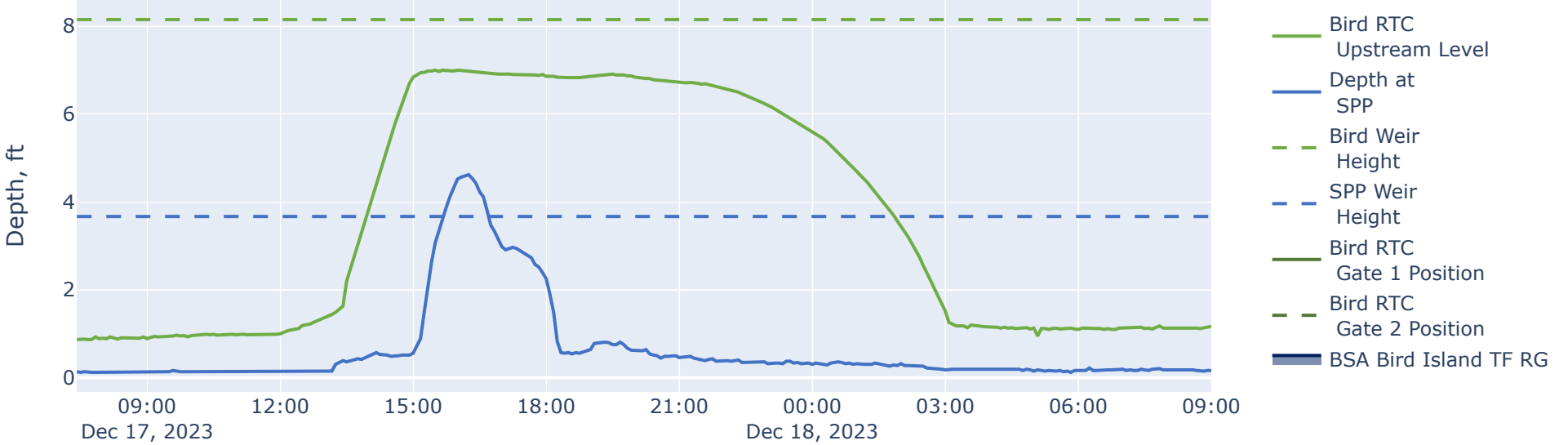
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.01
Volume Stored (MG)	0.784
Unused Storage Volume (MG)	0.306
RTC Depth at Overflow Start (ft)	6.99
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



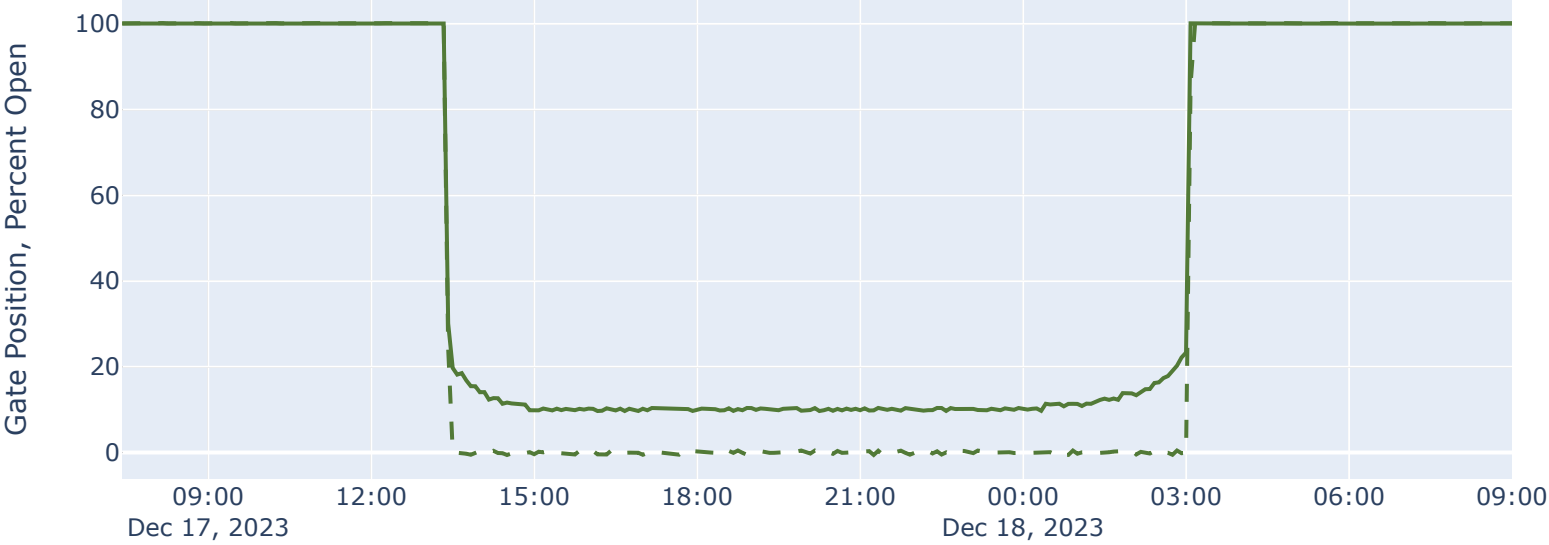
December 17, 2023 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	12/17/2023 07:25
Event End Date/Time	12/18/2023 09:00
Total Rainfall Accumulation (in)	0.7
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	8.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

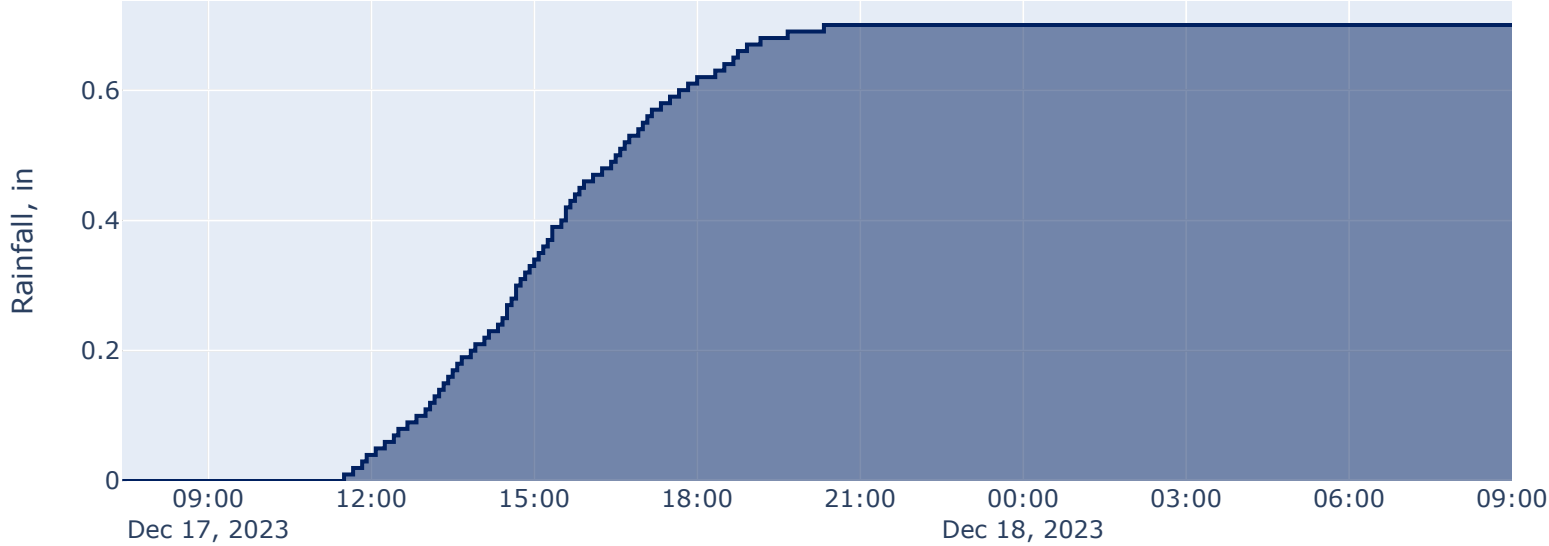
Overflow Data	Value
Overflow Volume Prevented (MG)	0.787
Percent Captured (%)	68
Unused Storage Volume (MG)	0.309
Overflow Before Storage Full	Yes
Storage Utilization (%)	72
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.378
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.378
Overflow Duration (hr)	0.92



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.56	1.56
Site Return to Normal Depth (ft)	1.26	1.21
Time Activated	12/17/2023 13:20	12/17/2023 13:20
Time Returned to Normal	12/18/2023 03:05	12/18/2023 03:10



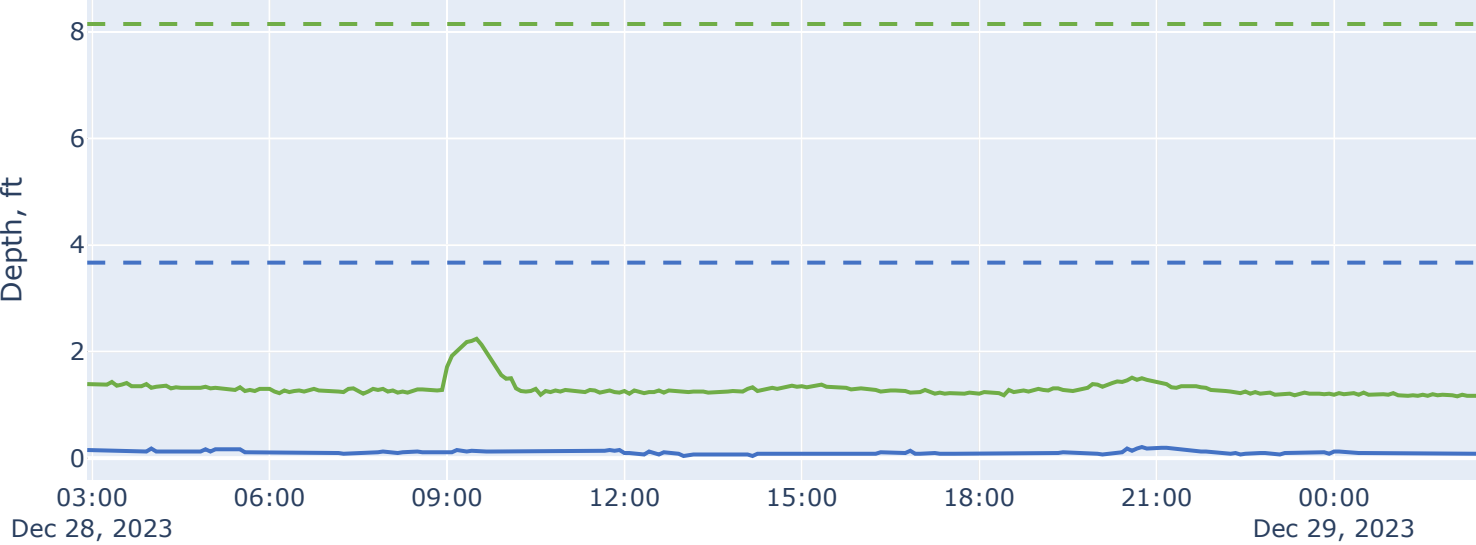
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.0
Volume Stored (MG)	0.787
Unused Storage Volume (MG)	0.309
RTC Depth at Overflow Start (ft)	6.99
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



December 28, 2023 SPP013
RTC Site(s) Bird - v1.0.4

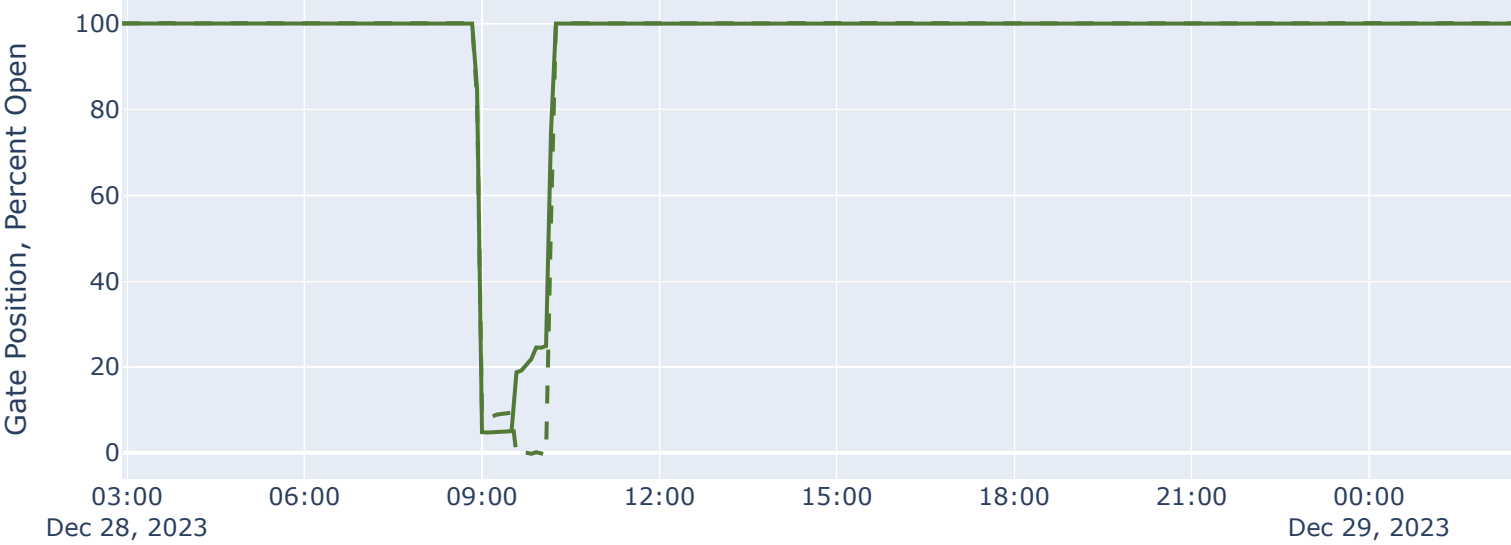
Event Data	Value
Event Start Date/Time	12/28/2023 02:55
Event End Date/Time	12/29/2023 02:25
Total Rainfall Accumulation (in)	0.08
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	13.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.048
Percent Captured (%)	100
Unused Storage Volume (MG)	1.058
Overflow Before Storage Full	No
Storage Utilization (%)	4
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

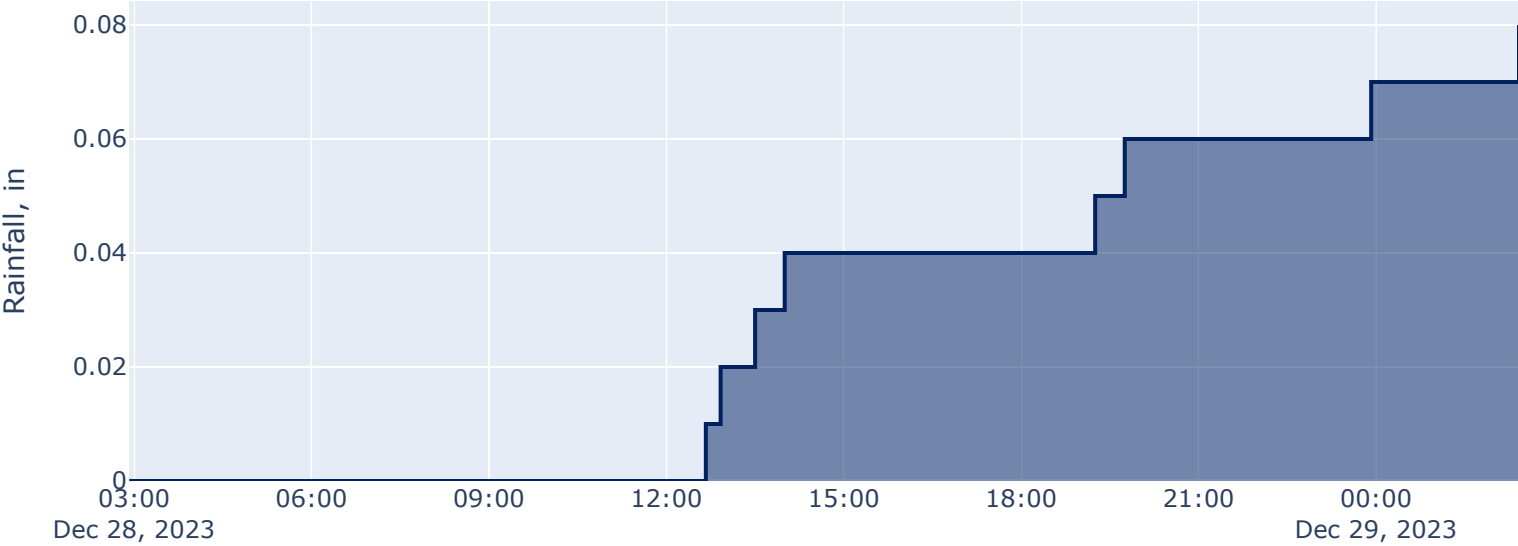


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

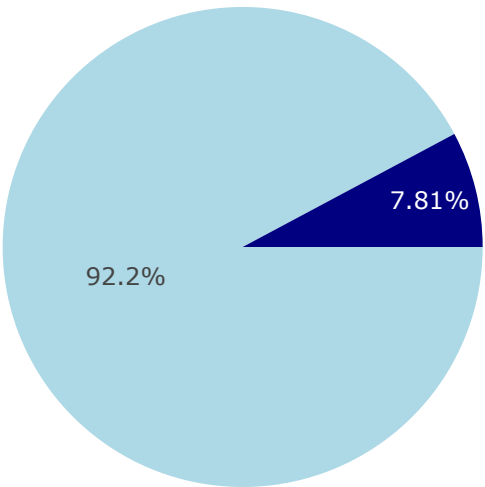
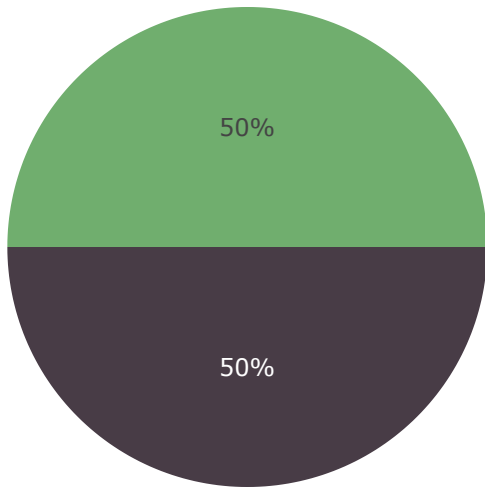
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.27	1.27
Site Return to Normal Depth (ft)	1.26	1.26
Time Activated	12/28/2023 08:50	12/28/2023 08:50
Time Returned to Normal	12/28/2023 10:15	12/28/2023 10:15



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	2.24
Volume Stored (MG)	0.048
Unused Storage Volume (MG)	1.058
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Jan2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

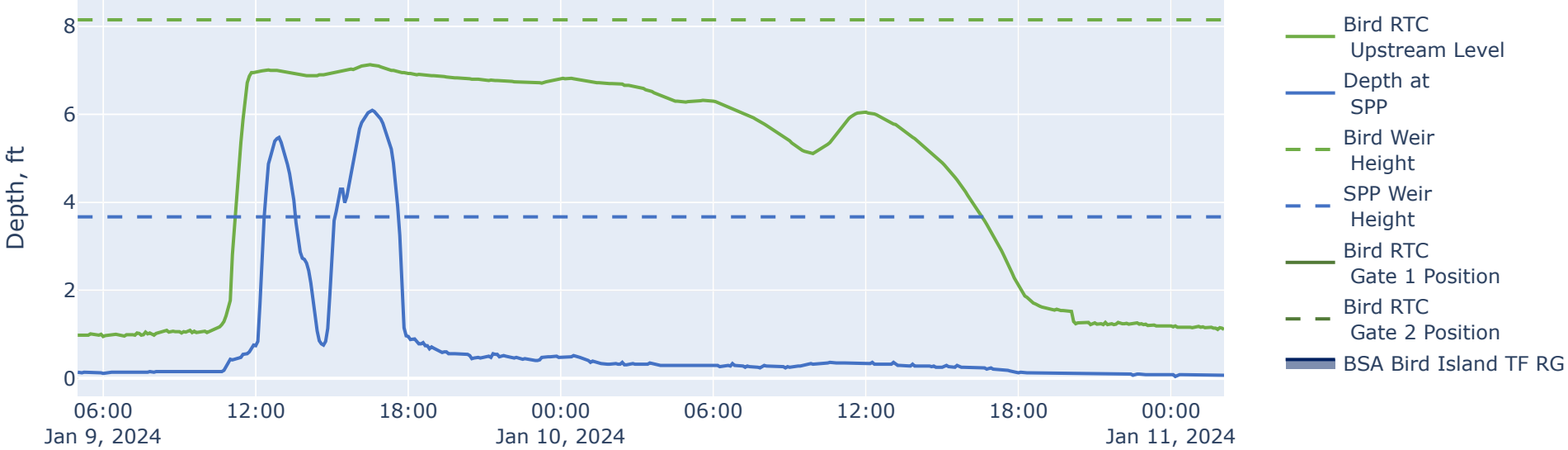
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	2	3.056	36.097	4.16

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
January 09, 2024	0.76	4.573	0.819	15	0.276	75	Good
January 11, 2024	0.25	0.0	0.754	100	0.338	69	Good
January 12, 2024	0.1	0.0	0.593	100	0.503	54	Good
January 23, 2024	0.9	31.524	0.89	3	0.204	81	Good

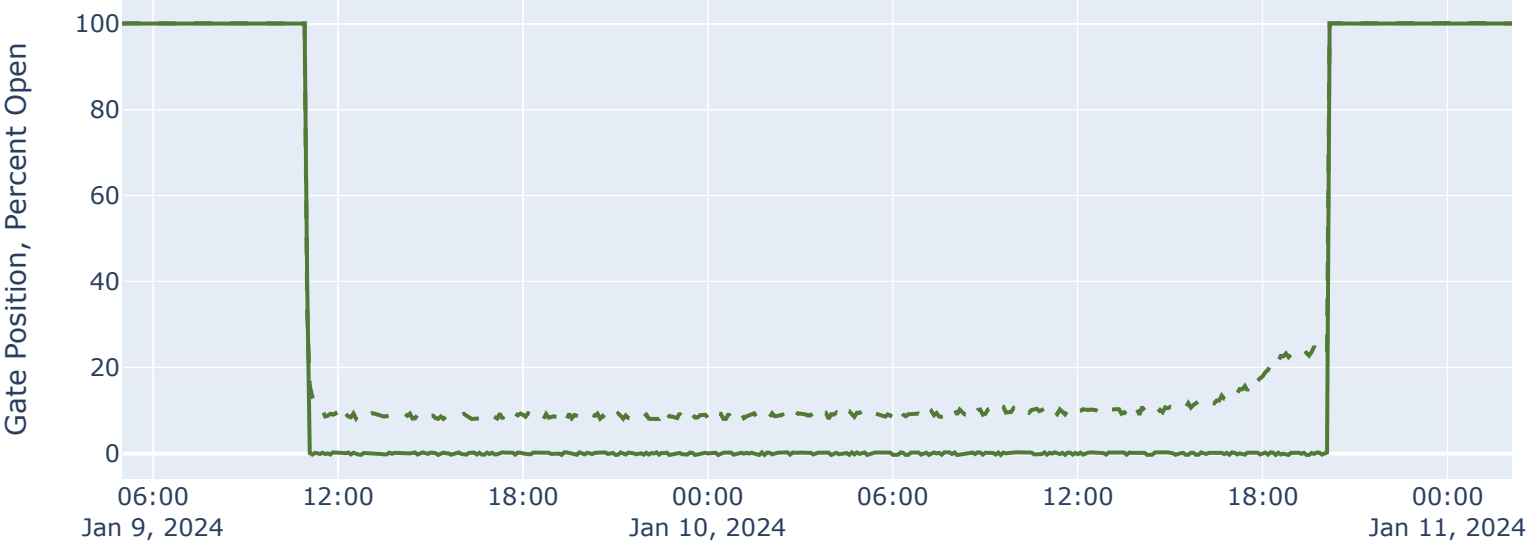
January 09, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	01/09/2024 05:00
Event End Date/Time	01/11/2024 02:05
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	13.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

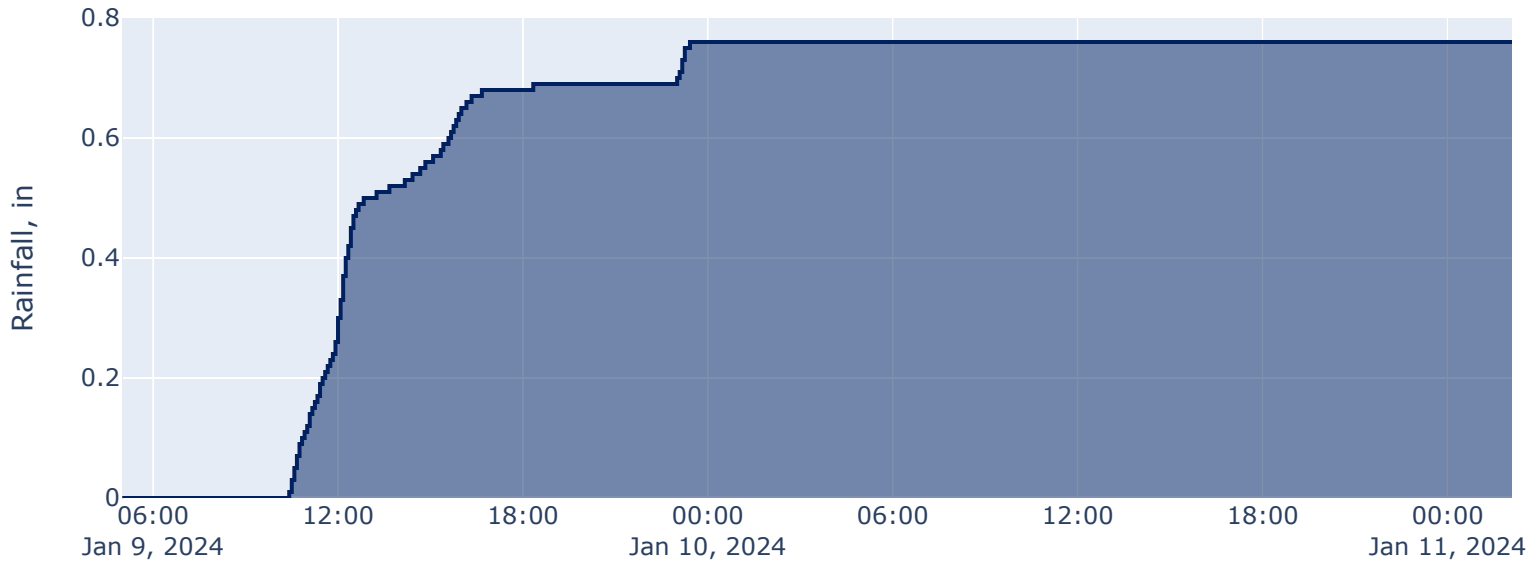
Overflow Data	Value
Overflow Volume Prevented (MG)	0.819
Percent Captured (%)	15
Unused Storage Volume (MG)	0.276
Overflow Before Storage Full	Yes
Storage Utilization (%)	75
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.573
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.573
Overflow Duration (hr)	5.17



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.56	1.56
Site Return to Normal Depth (ft)	1.29	1.29
Time Activated	01/09/2024 10:55	01/09/2024 10:55
Time Returned to Normal	01/10/2024 20:10	01/10/2024 20:10



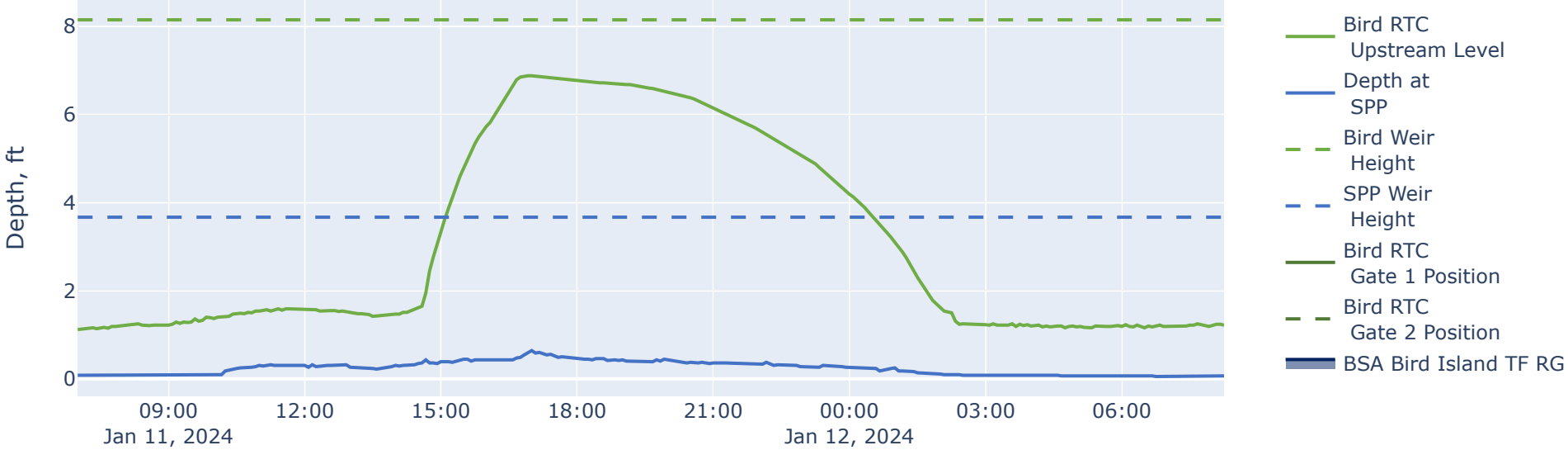
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.13
Volume Stored (MG)	0.819
Unused Storage Volume (MG)	0.276
RTC Depth at Overflow Start (ft)	6.99
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



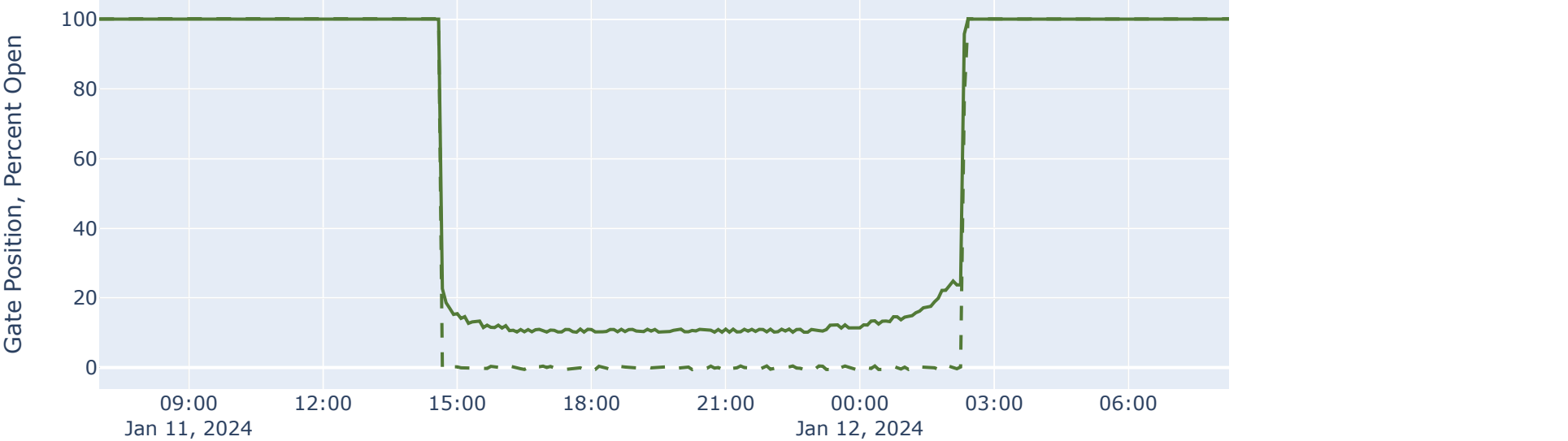
January 11, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	01/11/2024 07:00
Event End Date/Time	01/12/2024 08:15
Total Rainfall Accumulation (in)	0.25
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	12.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

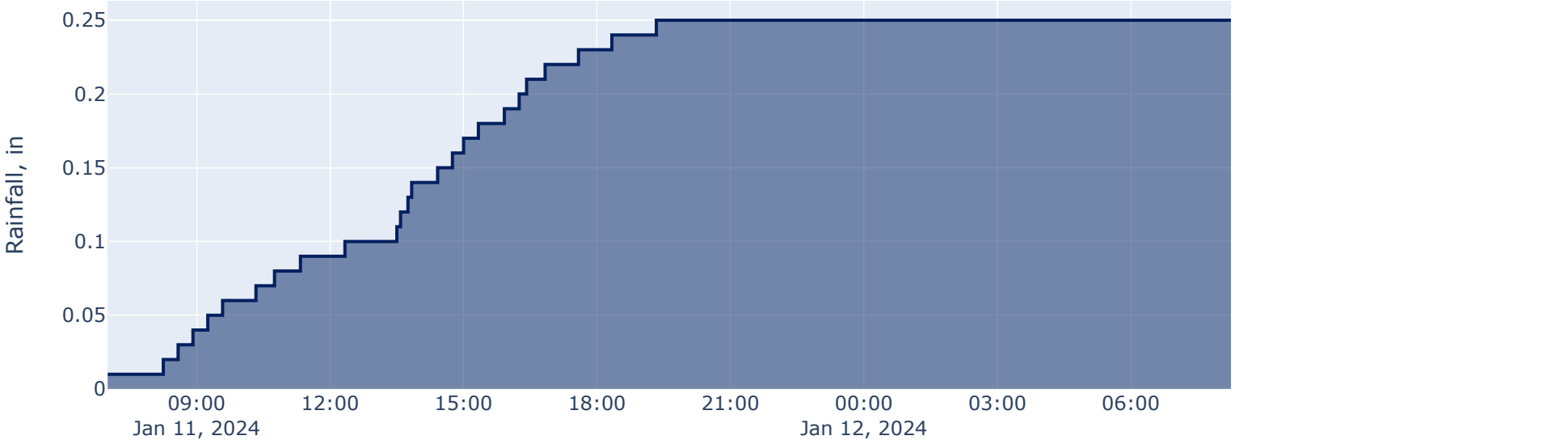
Overflow Data	Value
Overflow Volume Prevented (MG)	0.754
Percent Captured (%)	100
Unused Storage Volume (MG)	0.338
Overflow Before Storage Full	No
Storage Utilization (%)	69
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	1.24	1.24
Time Activated	01/11/2024 14:35	01/11/2024 14:35
Time Returned to Normal	01/12/2024 02:25	01/12/2024 02:25



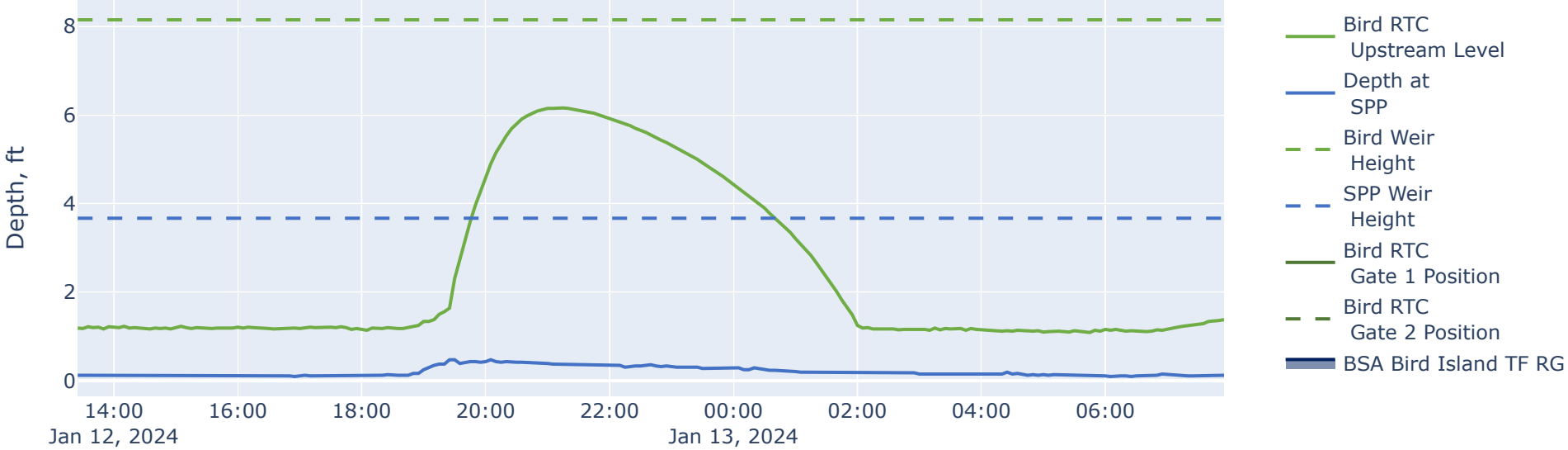
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.88
Volume Stored (MG)	0.754
Unused Storage Volume (MG)	0.338
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



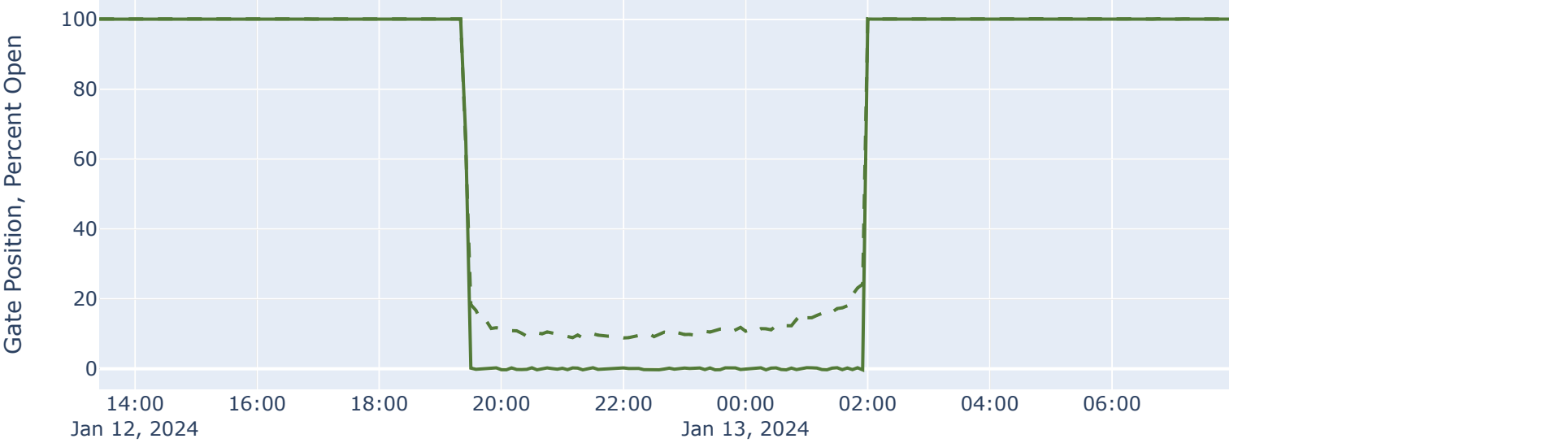
January 12, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	01/12/2024 13:25
Event End Date/Time	01/13/2024 07:55
Total Rainfall Accumulation (in)	0.1
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	2.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

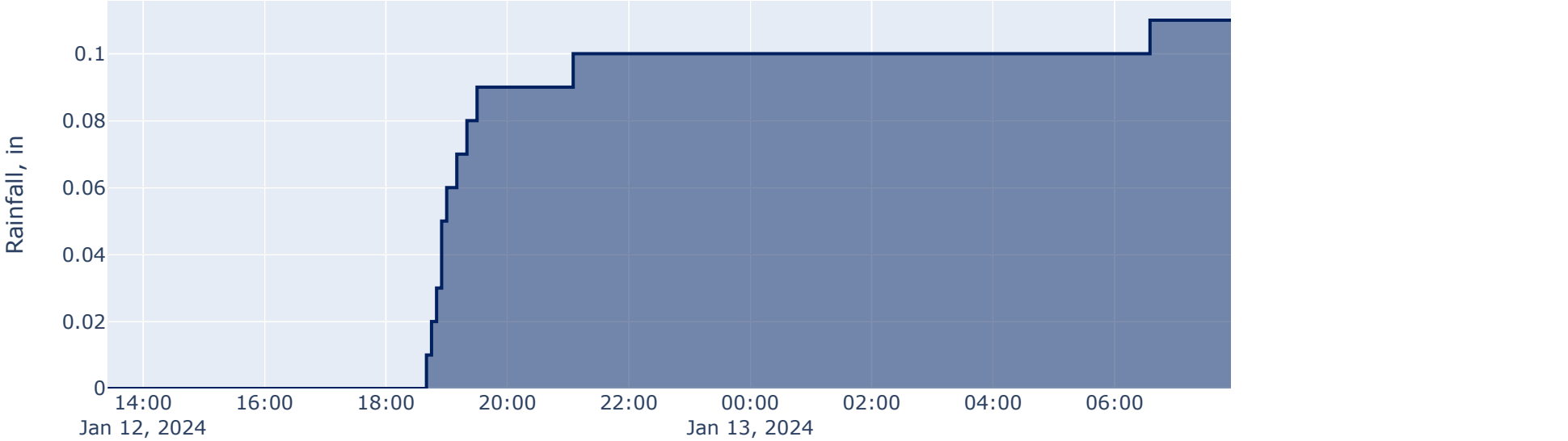
Overflow Data	Value
Overflow Volume Prevented (MG)	0.593
Percent Captured (%)	100
Unused Storage Volume (MG)	0.503
Overflow Before Storage Full	No
Storage Utilization (%)	54
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.56	1.56
Site Return to Normal Depth (ft)	1.25	1.25
Time Activated	01/12/2024 19:20	01/12/2024 19:20
Time Returned to Normal	01/13/2024 02:00	01/13/2024 02:00



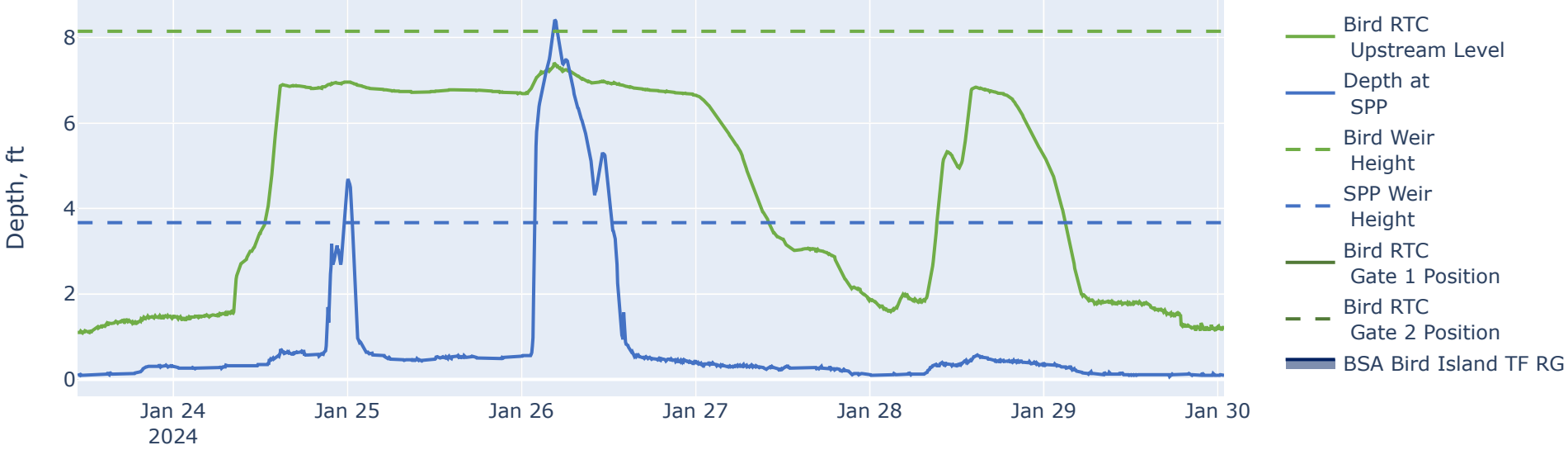
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.16
Volume Stored (MG)	0.593
Unused Storage Volume (MG)	0.503
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



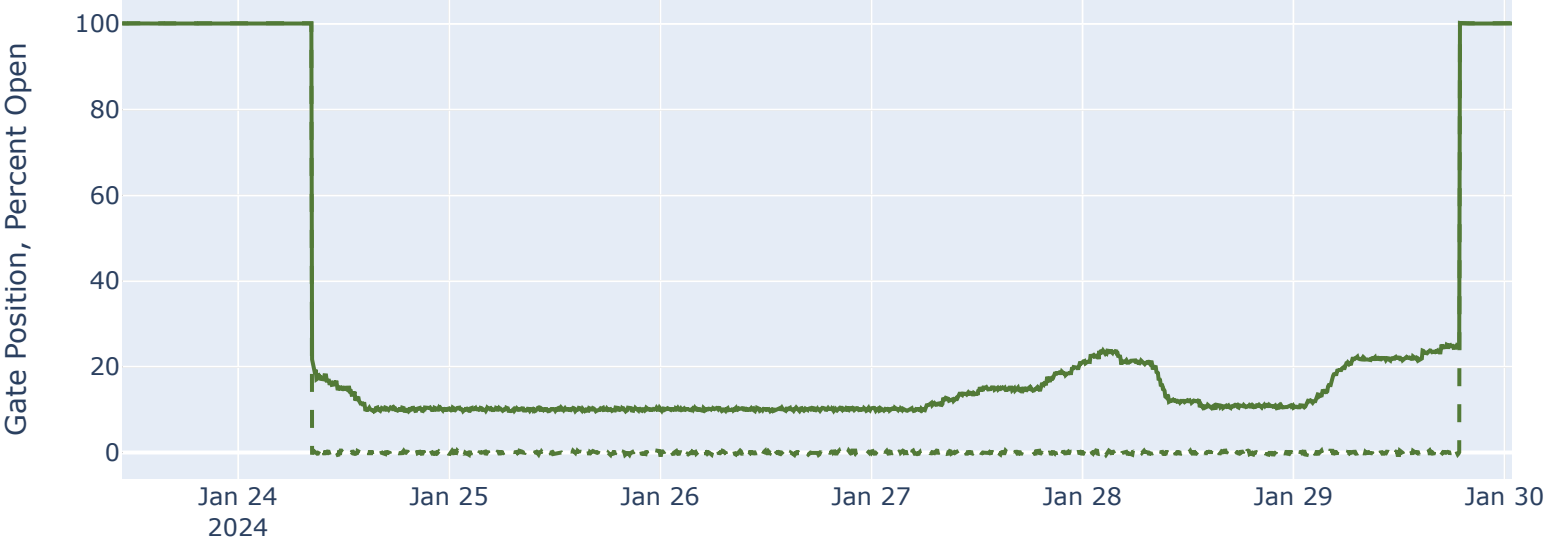
January 23, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	01/23/2024 10:50
Event End Date/Time	01/30/2024 00:50
Total Rainfall Accumulation (in)	0.9
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	41.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.89
Percent Captured (%)	3
Unused Storage Volume (MG)	0.204
Overflow Before Storage Full	Yes
Storage Utilization (%)	81
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	31.524
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	31.524
Overflow Duration (hr)	12.83



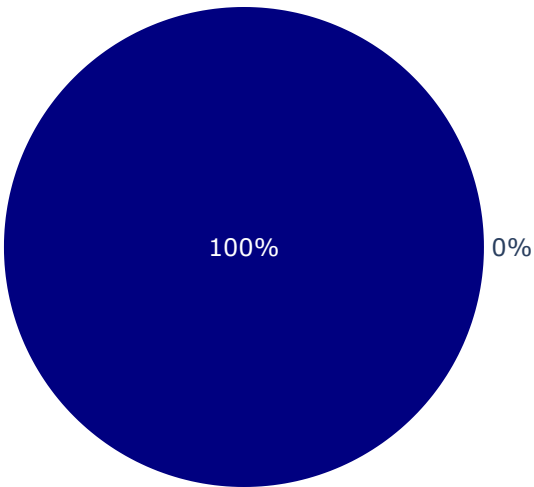
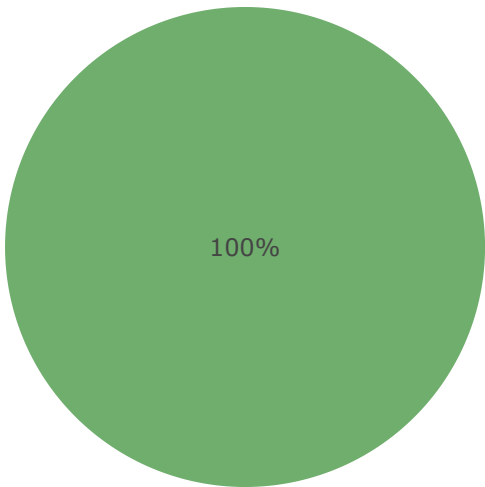
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.58	1.58
Site Return to Normal Depth (ft)	1.28	1.28
Time Activated	01/24/2024 08:20	01/24/2024 08:20
Time Returned to Normal	01/29/2024 18:55	01/29/2024 18:55



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.41
Volume Stored (MG)	0.89
Unused Storage Volume (MG)	0.204
RTC Depth at Overflow Start (ft)	6.95
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Feb2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

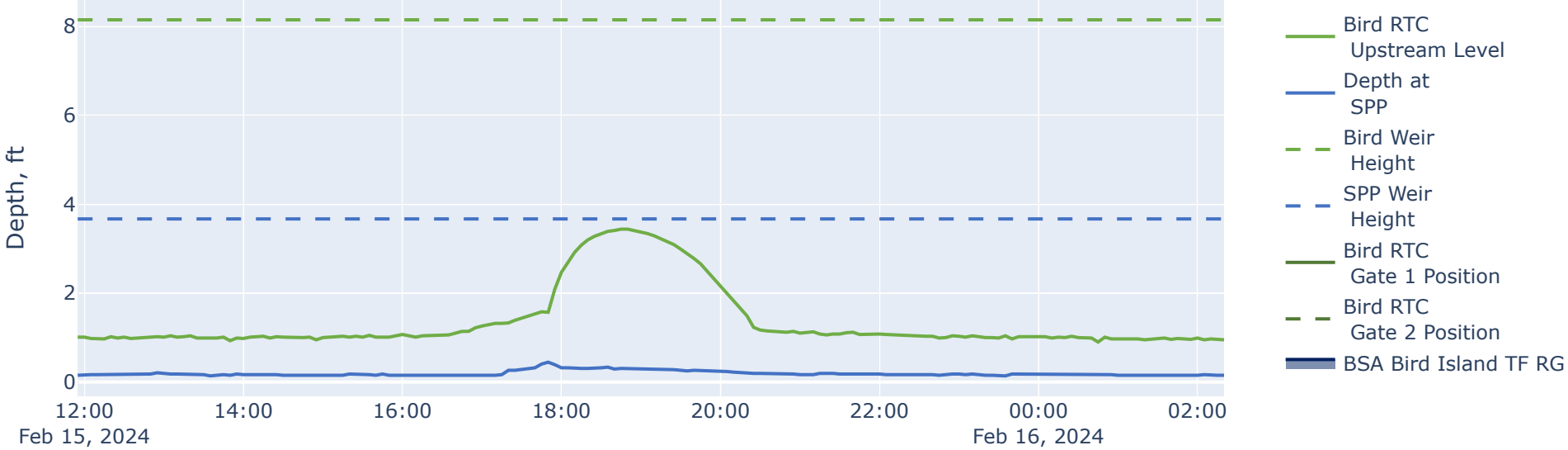
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	0	0.93	0.0	0.65

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
February 15, 2024	0.08	0.0	0.146	100	0.949	13	Good
February 27, 2024	0.49	0.0	0.784	100	0.311	72	Good

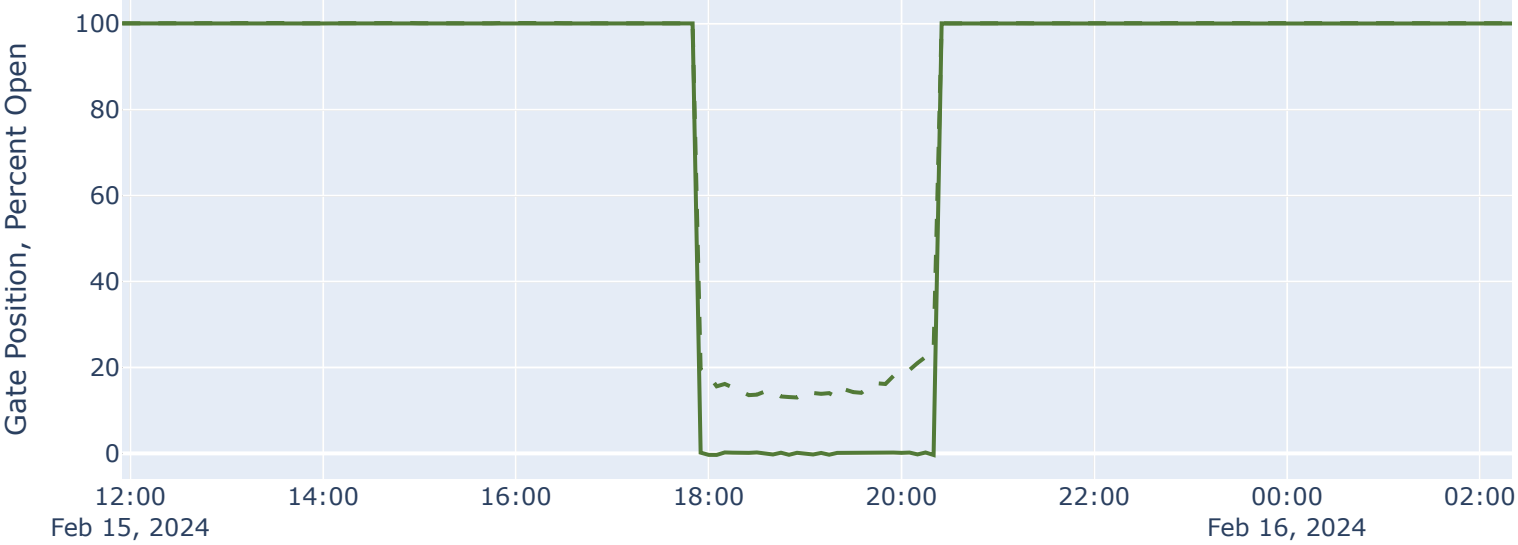
February 15, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	02/15/2024 11:55
Event End Date/Time	02/16/2024 02:20
Total Rainfall Accumulation (in)	0.08
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	1.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

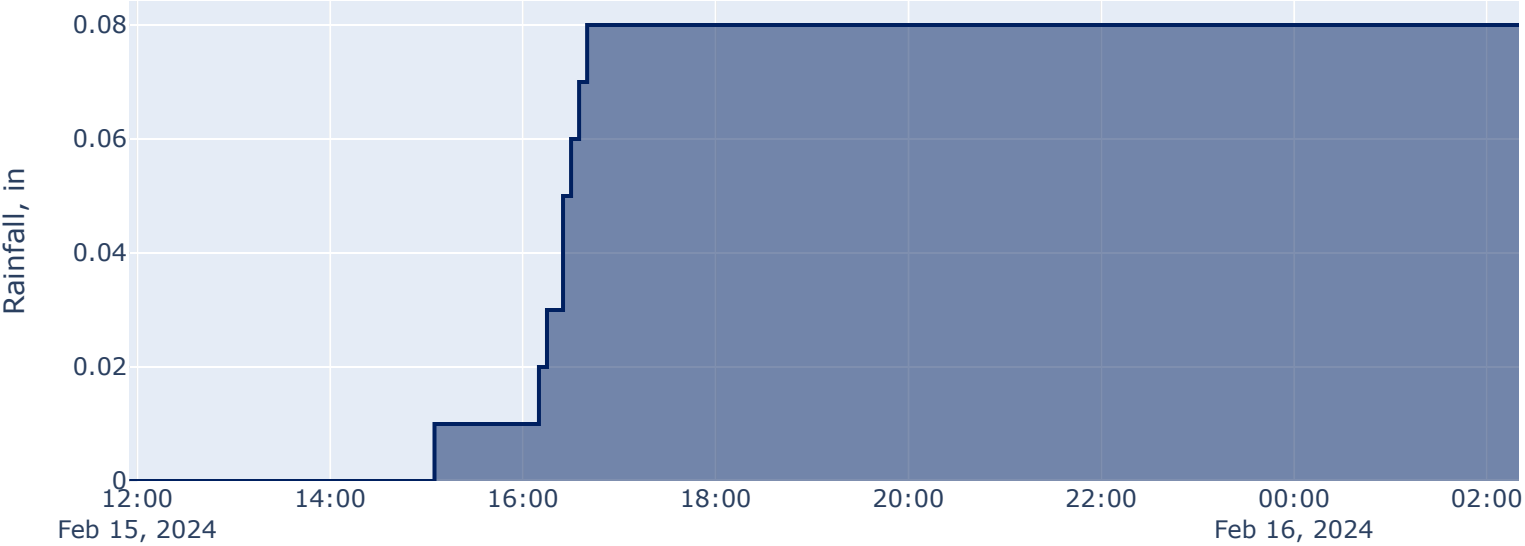
Overflow Data	Value
Overflow Volume Prevented (MG)	0.146
Percent Captured (%)	100
Unused Storage Volume (MG)	0.949
Overflow Before Storage Full	No
Storage Utilization (%)	13
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.57	1.57
Site Return to Normal Depth (ft)	1.23	1.23
Time Activated	02/15/2024 17:50	02/15/2024 17:50
Time Returned to Normal	02/15/2024 20:25	02/15/2024 20:25



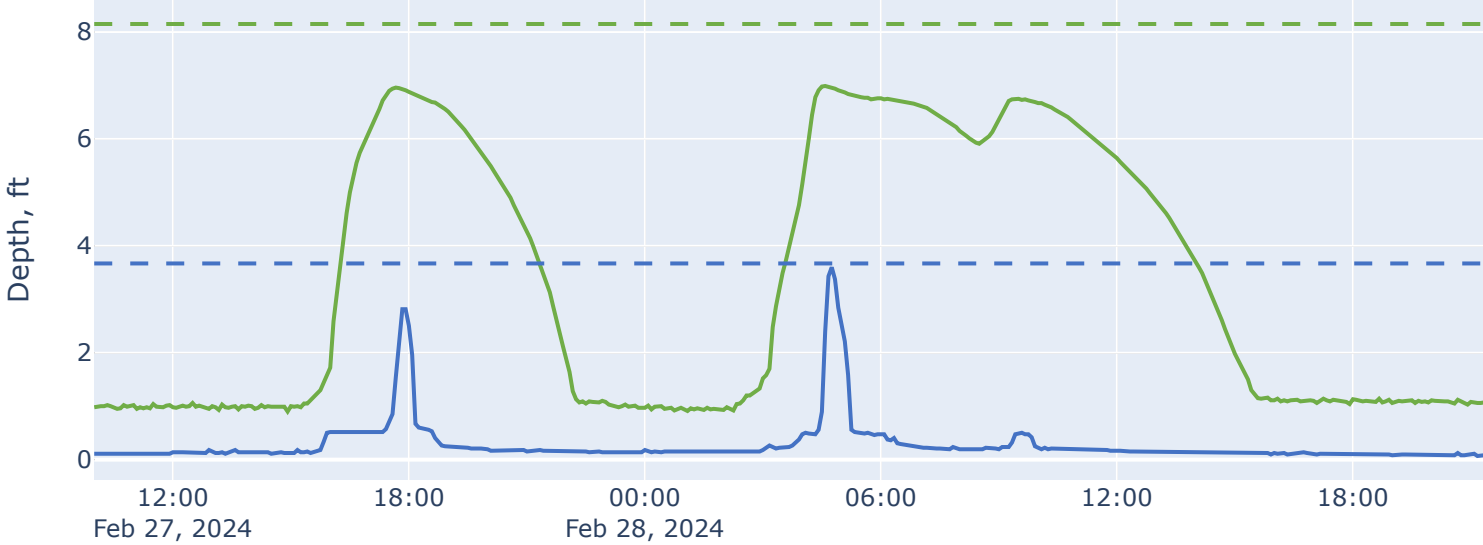
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.44
Volume Stored (MG)	0.146
Unused Storage Volume (MG)	0.949
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



February 27, 2024 SPP013
RTC Site(s) Bird - v1.0.4

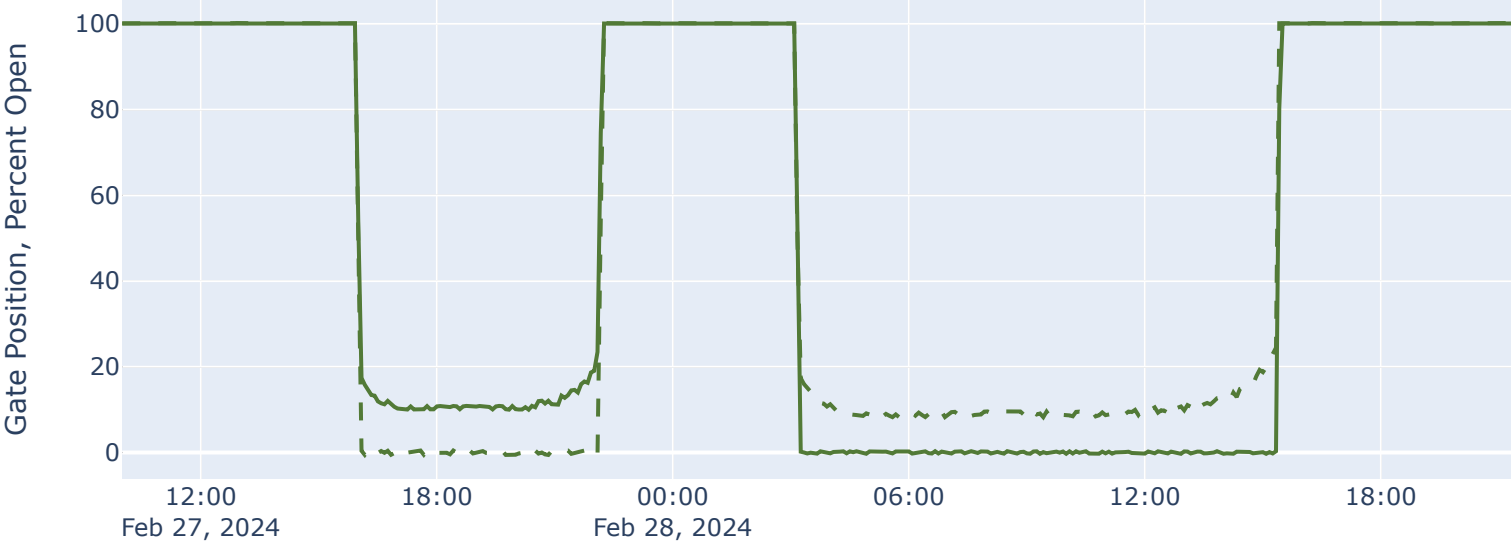
Event Data	Value
Event Start Date/Time	02/27/2024 10:00
Event End Date/Time	02/28/2024 21:20
Total Rainfall Accumulation (in)	0.49
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	8.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.784
Percent Captured (%)	100
Unused Storage Volume (MG)	0.311
Overflow Before Storage Full	No
Storage Utilization (%)	72
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

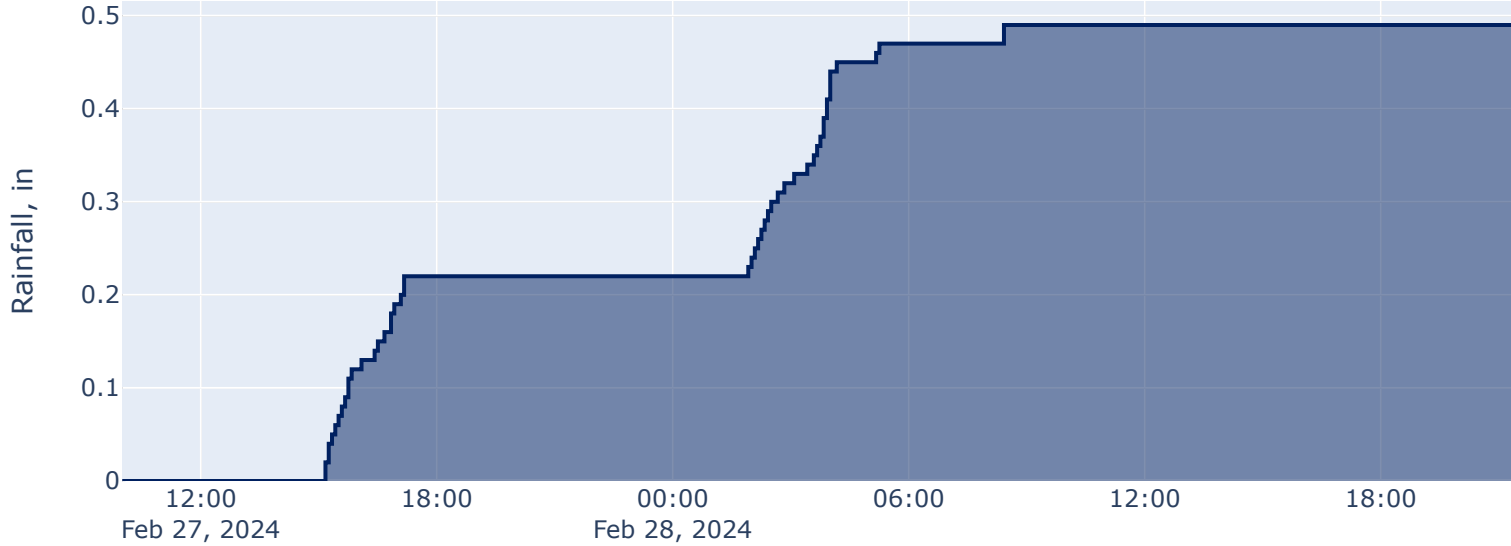


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

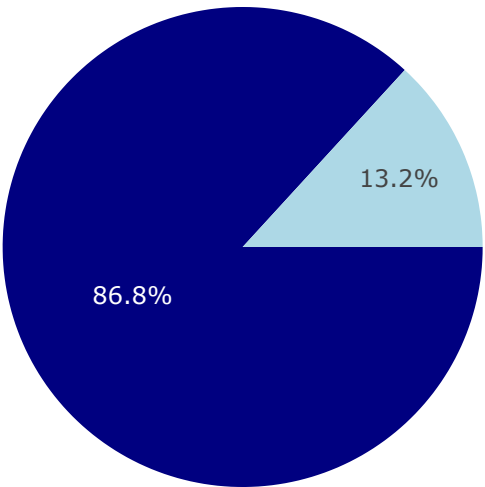
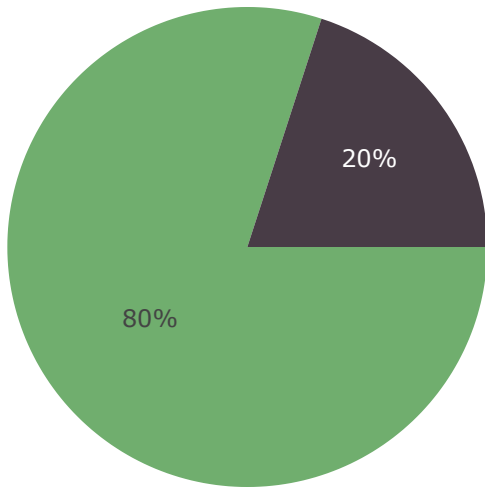
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.56	1.56
Site Return to Normal Depth (ft)	1.21	1.3
Time Activated	02/27/2024 15:55	02/27/2024 15:55
Time Returned to Normal	02/28/2024 15:30	02/28/2024 15:25



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.99
Volume Stored (MG)	0.784
Unused Storage Volume (MG)	0.311
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Mar2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Prevented
- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

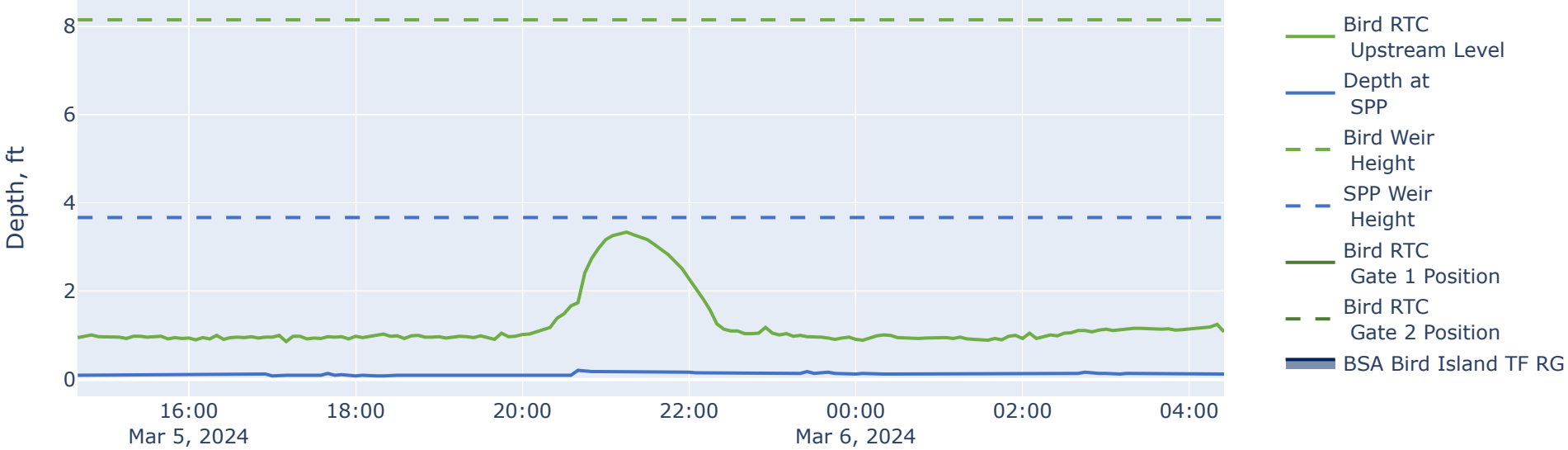
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
4	1	2.296	0.349	1.61

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
March 05, 2024	0.13	0.0	0.13	100	0.961	12	Good
March 09, 2024	0.26	0.0	0.254	100	0.837	23	Good
March 14, 2024	0.39	0.0	0.738	100	0.36	67	Good
March 16, 2024	0.3	0.349	0.778	69	0.314	71	Good
March 28, 2024	0.0	0.0	0.396	100	0.717	36	Good

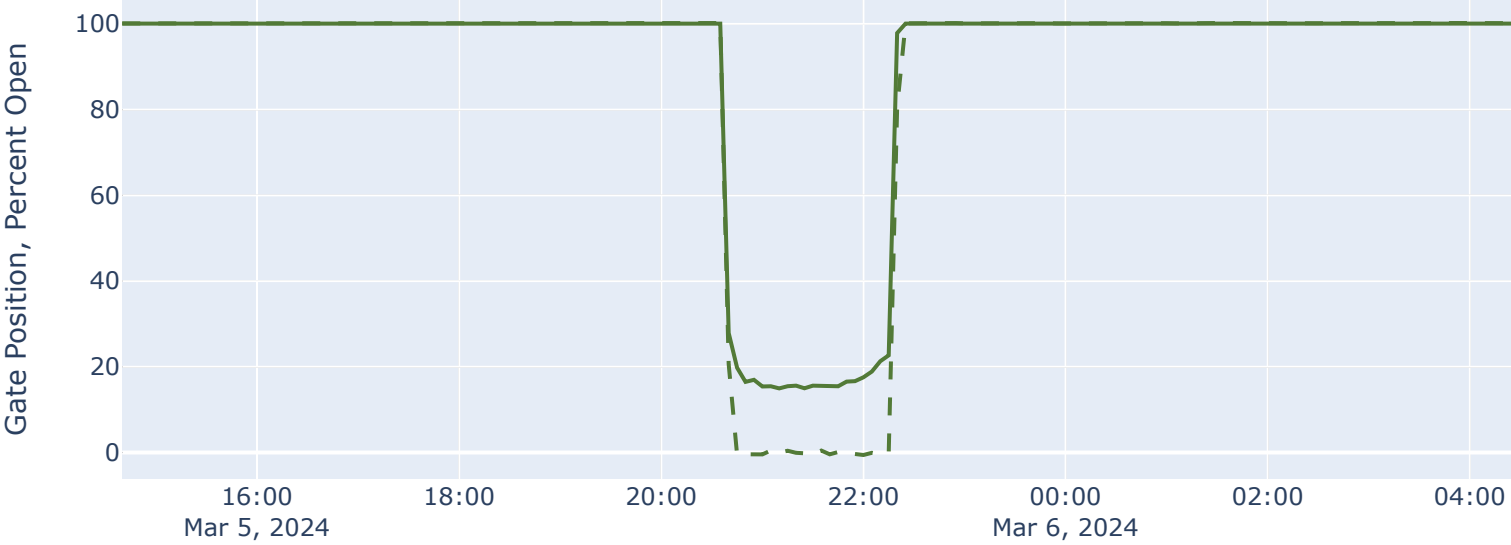
March 05, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	03/05/2024 14:40
Event End Date/Time	03/06/2024 04:25
Total Rainfall Accumulation (in)	0.13
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	8.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.13
Percent Captured (%)	100
Unused Storage Volume (MG)	0.961
Overflow Before Storage Full	No
Storage Utilization (%)	12
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.67	1.67
Site Return to Normal Depth (ft)	1.14	1.14
Time Activated	03/05/2024 20:35	03/05/2024 20:35
Time Returned to Normal	03/05/2024 22:25	03/05/2024 22:25



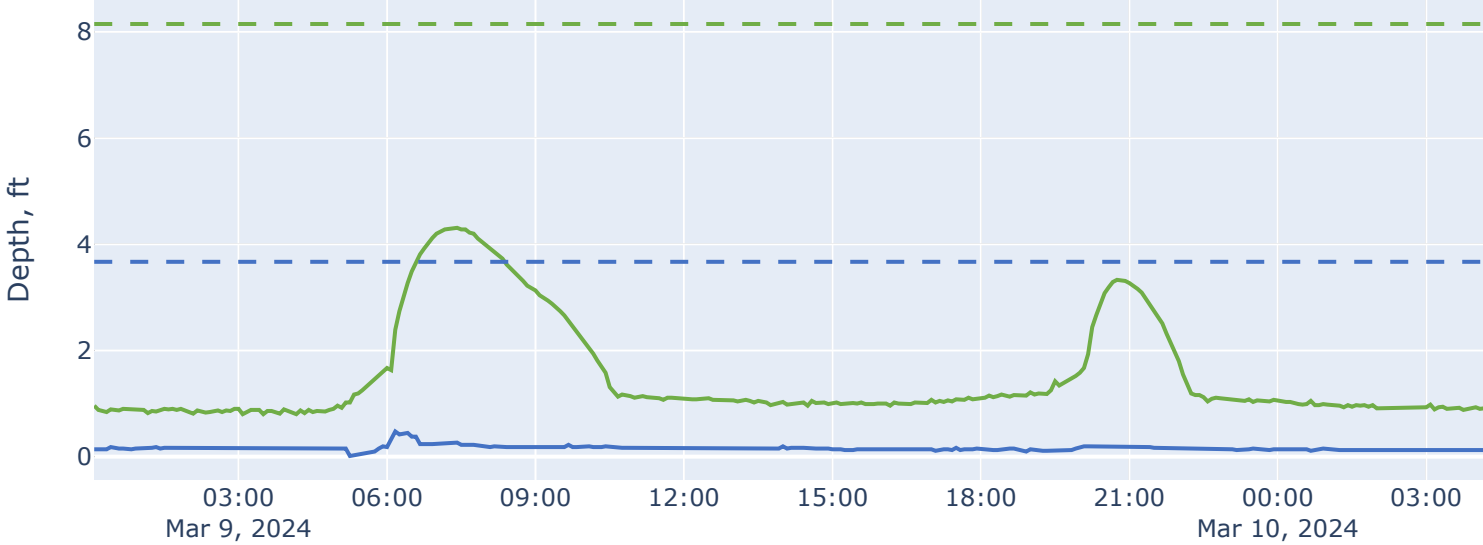
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.34
Volume Stored (MG)	0.13
Unused Storage Volume (MG)	0.961
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



March 09, 2024 SPP013
RTC Site(s) Bird - v1.0.4

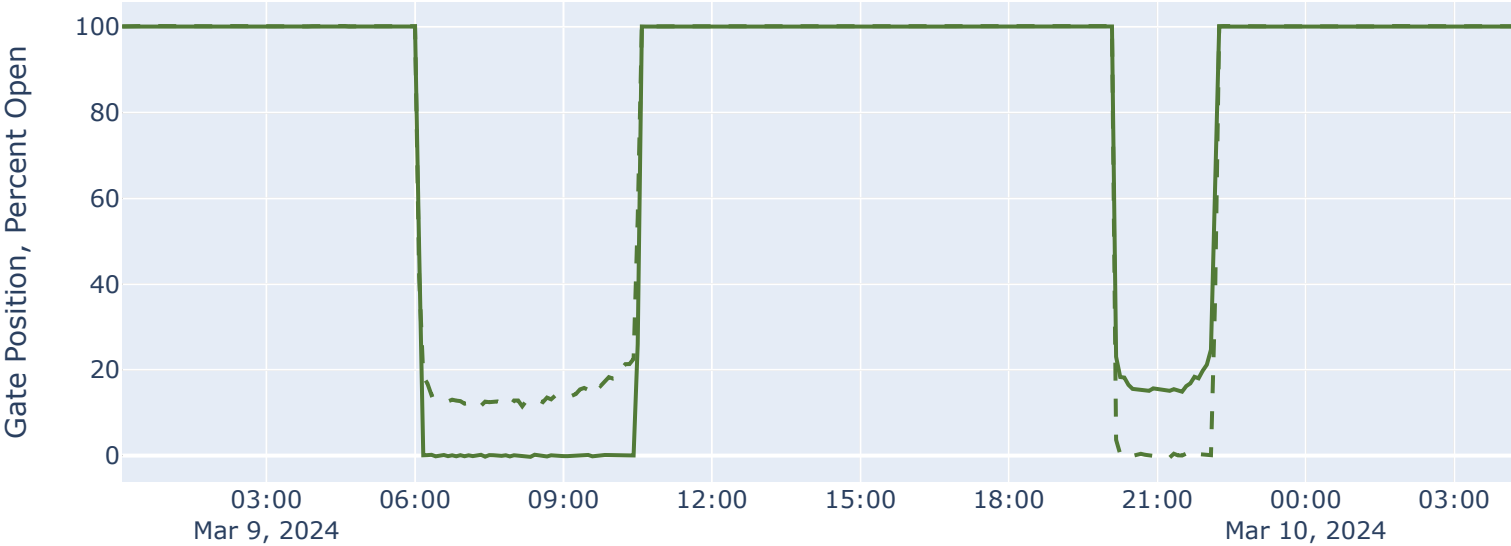
Event Data	Value
Event Start Date/Time	03/09/2024 00:05
Event End Date/Time	03/10/2024 04:10
Total Rainfall Accumulation (in)	0.26
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	7.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.254
Percent Captured (%)	100
Unused Storage Volume (MG)	0.837
Overflow Before Storage Full	No
Storage Utilization (%)	23
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

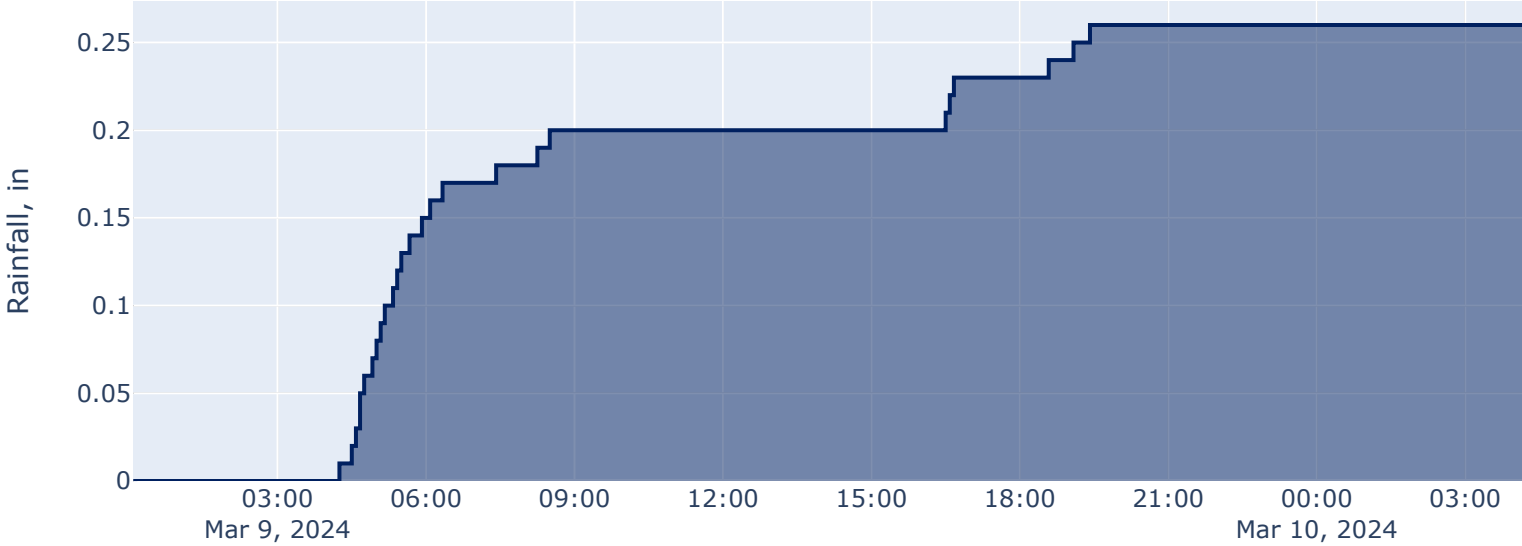


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.67	1.67
Site Return to Normal Depth (ft)	1.19	1.19
Time Activated	03/09/2024 06:00	03/09/2024 06:00
Time Returned to Normal	03/09/2024 22:15	03/09/2024 22:15



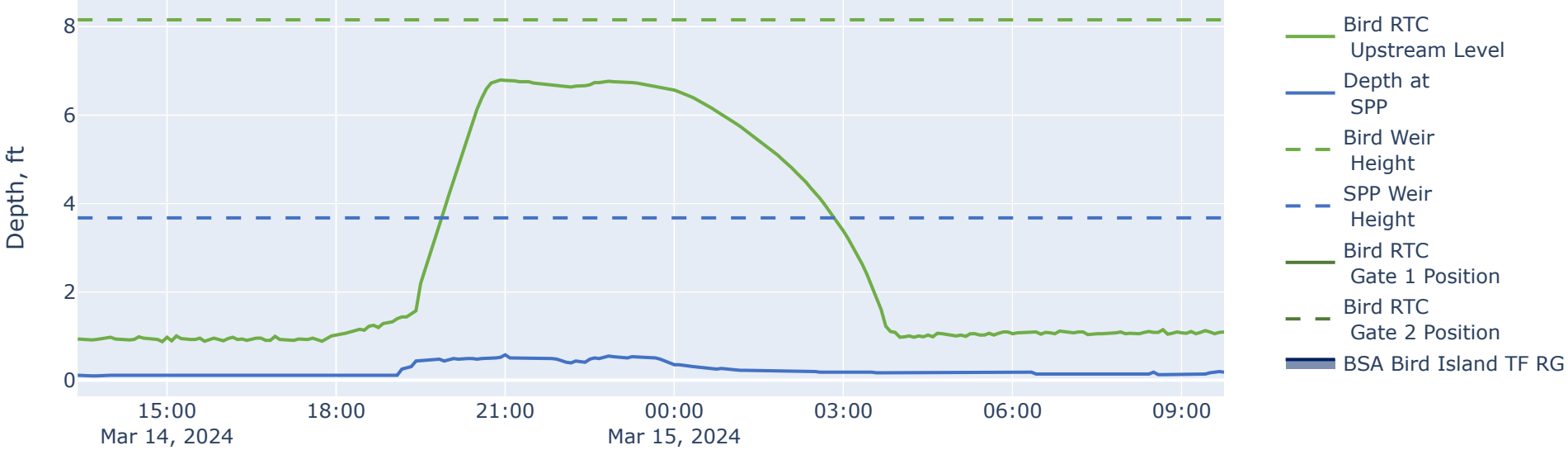
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	4.31
Volume Stored (MG)	0.254
Unused Storage Volume (MG)	0.837
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



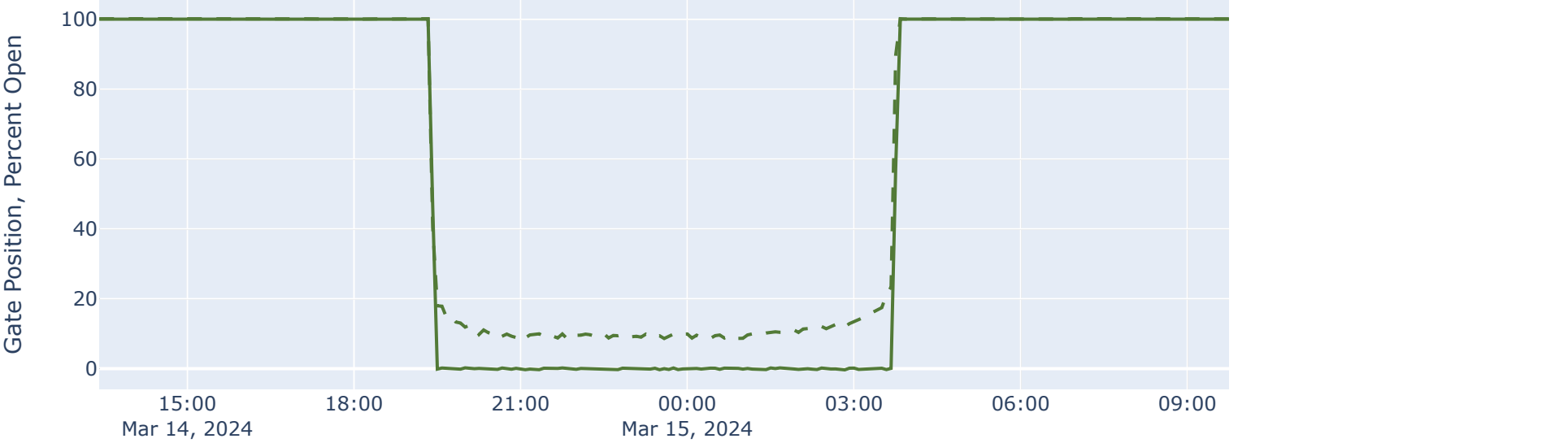
March 14, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	03/14/2024 13:25
Event End Date/Time	03/15/2024 09:45
Total Rainfall Accumulation (in)	0.39
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	11.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

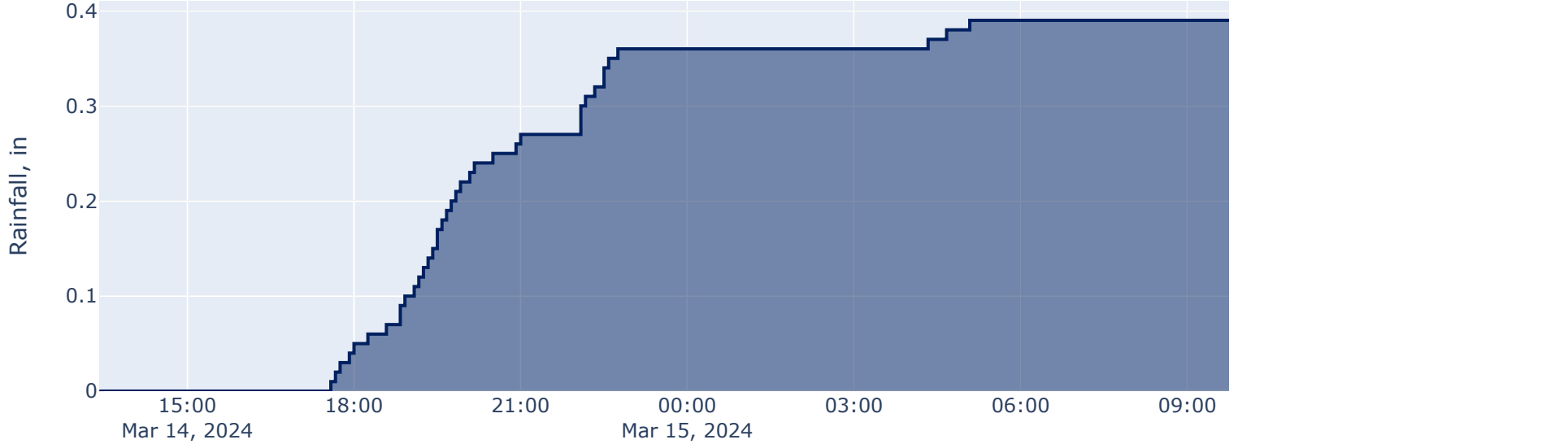
Overflow Data	Value
Overflow Volume Prevented (MG)	0.738
Percent Captured (%)	100
Unused Storage Volume (MG)	0.36
Overflow Before Storage Full	No
Storage Utilization (%)	67
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.51	1.51
Site Return to Normal Depth (ft)	1.1	1.1
Time Activated	03/14/2024 19:20	03/14/2024 19:20
Time Returned to Normal	03/15/2024 03:50	03/15/2024 03:50



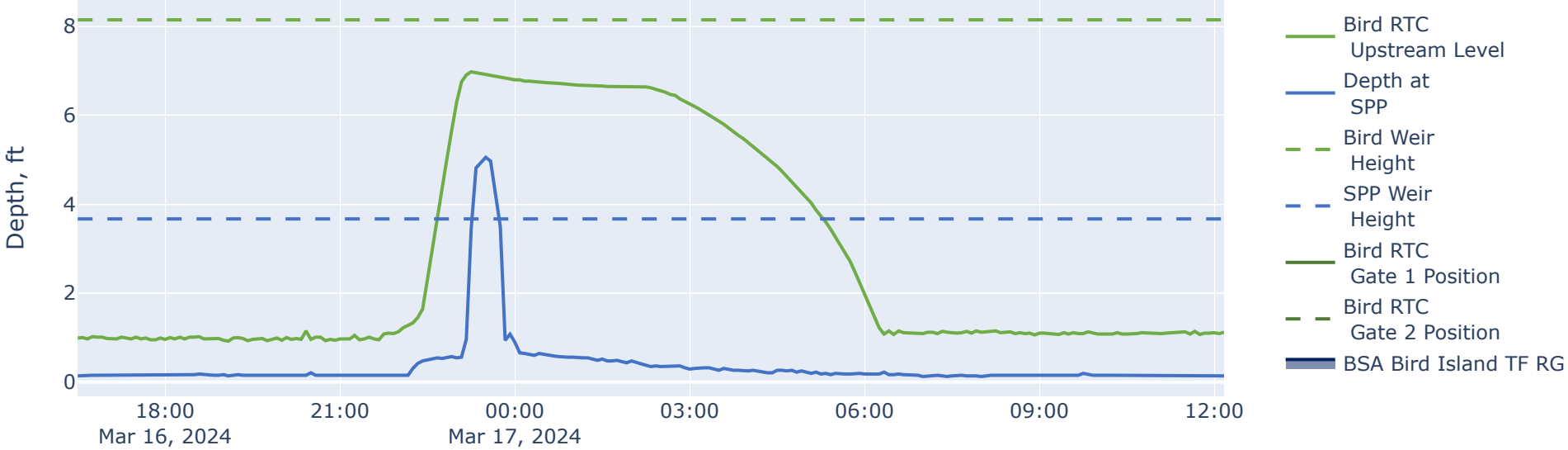
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.79
Volume Stored (MG)	0.738
Unused Storage Volume (MG)	0.36
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



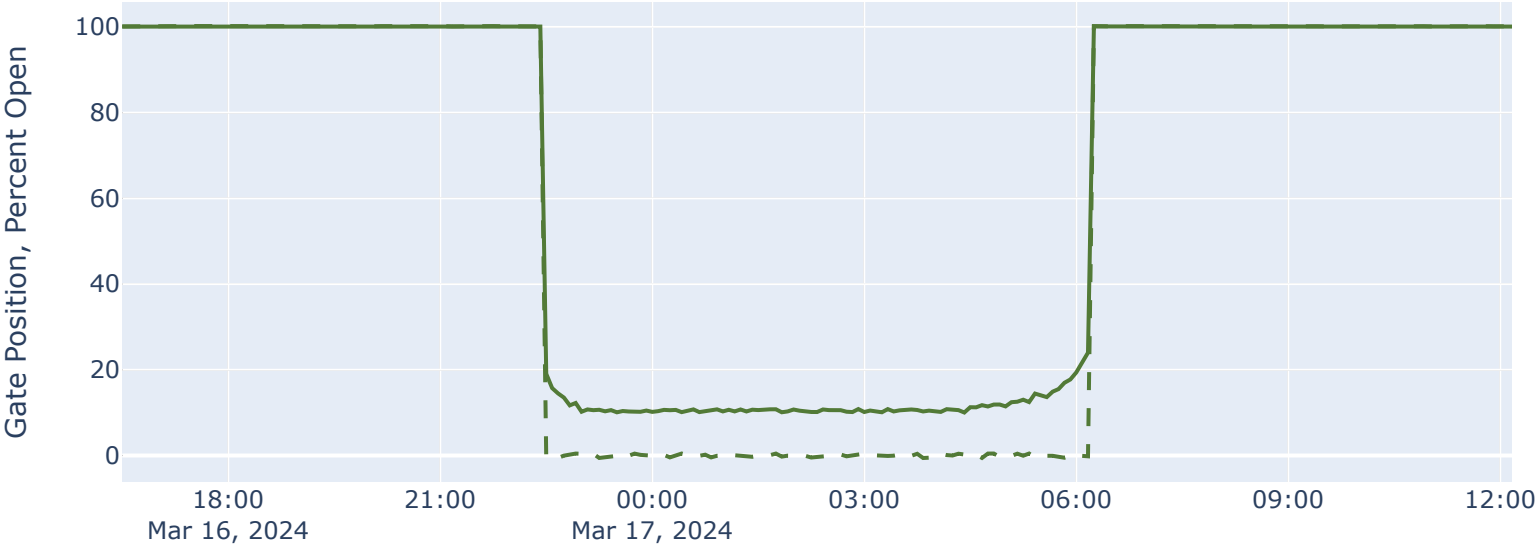
March 16, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	03/16/2024 16:30
Event End Date/Time	03/17/2024 12:10
Total Rainfall Accumulation (in)	0.3
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	8.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

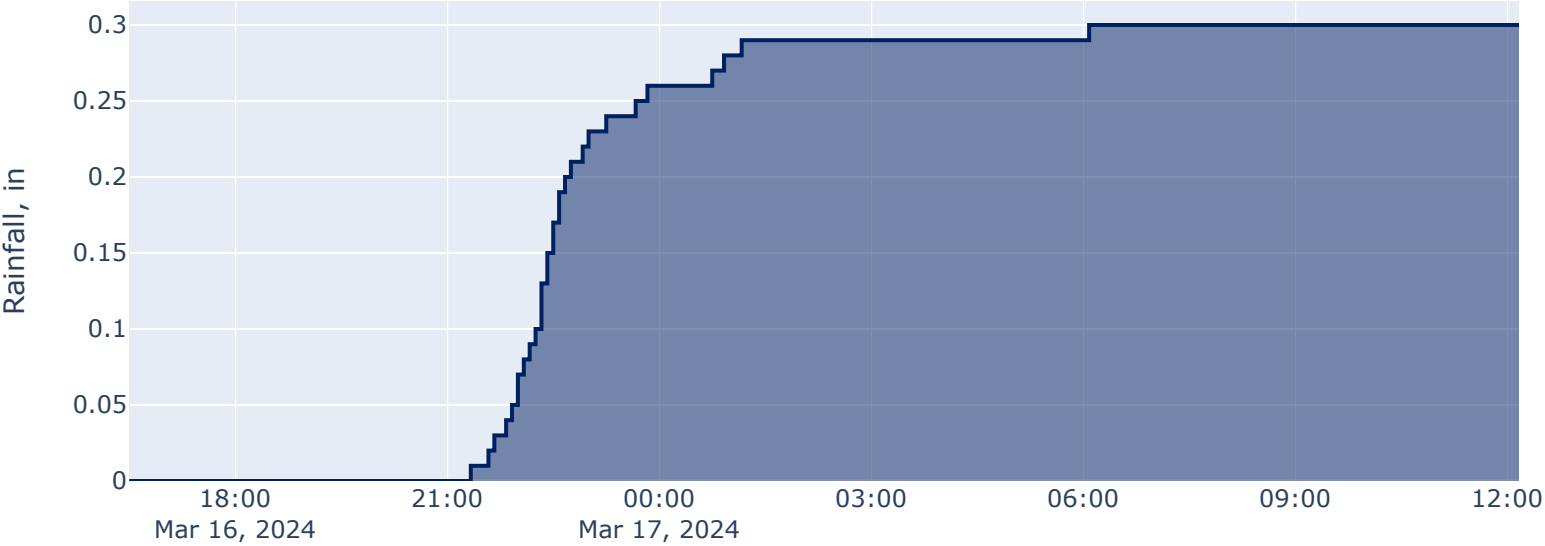
Overflow Data	Value
Overflow Volume Prevented (MG)	0.778
Percent Captured (%)	69
Unused Storage Volume (MG)	0.314
Overflow Before Storage Full	Yes
Storage Utilization (%)	71
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.349
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.349
Overflow Duration (hr)	0.33



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.64	1.64
Site Return to Normal Depth (ft)	1.22	1.22
Time Activated	03/16/2024 22:25	03/16/2024 22:25
Time Returned to Normal	03/17/2024 06:15	03/17/2024 06:15



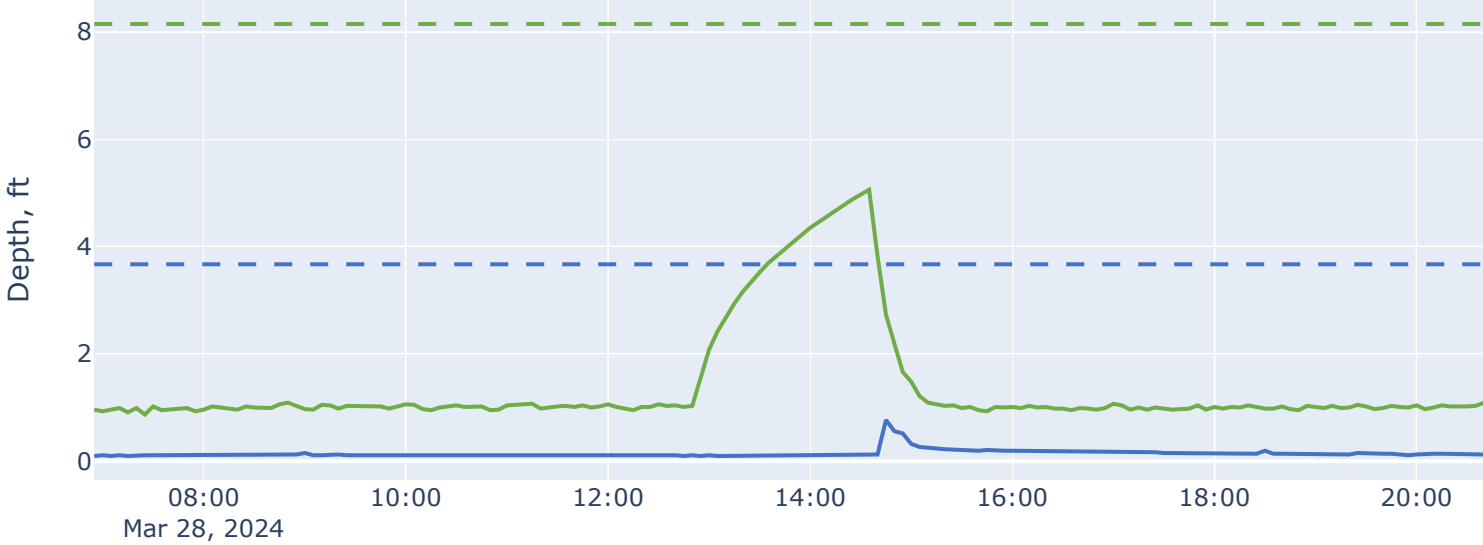
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.98
Volume Stored (MG)	0.778
Unused Storage Volume (MG)	0.314
RTC Depth at Overflow Start (ft)	6.96
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



March 28, 2024 SPP013
RTC Site(s) Bird - v1.0.4

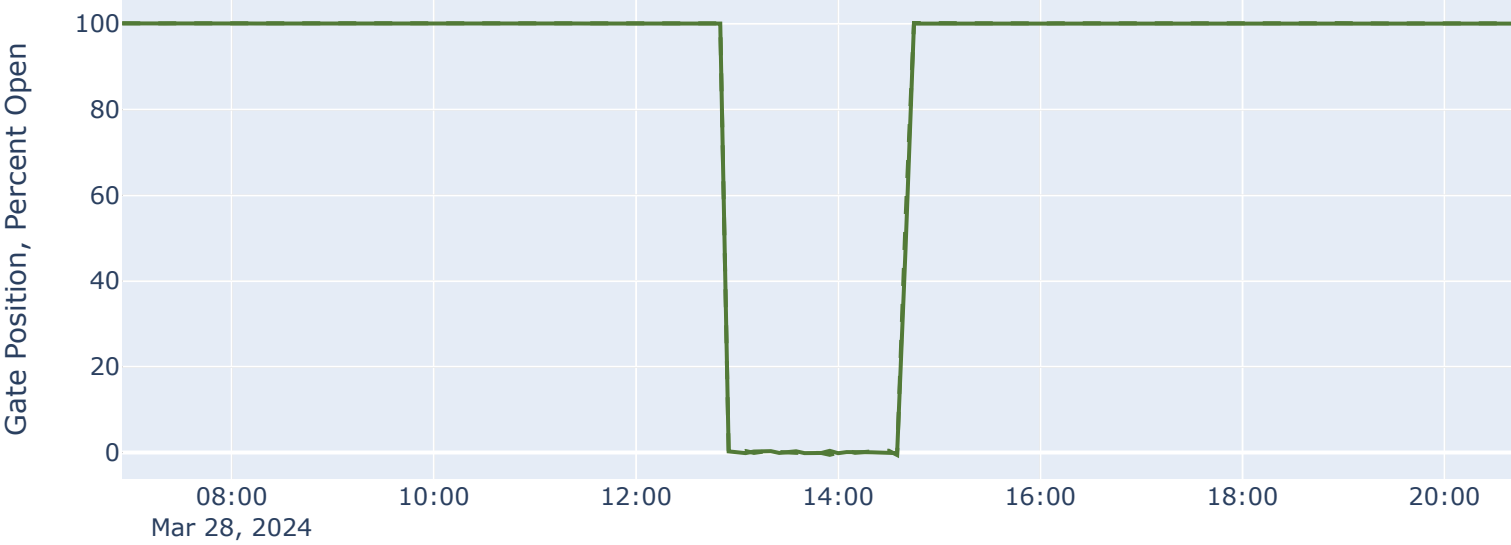
Event Data	Value
Event Start Date/Time	03/28/2024 06:55
Event End Date/Time	03/28/2024 20:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.396
Percent Captured (%)	100
Unused Storage Volume (MG)	0.717
Overflow Before Storage Full	No
Storage Utilization (%)	36
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

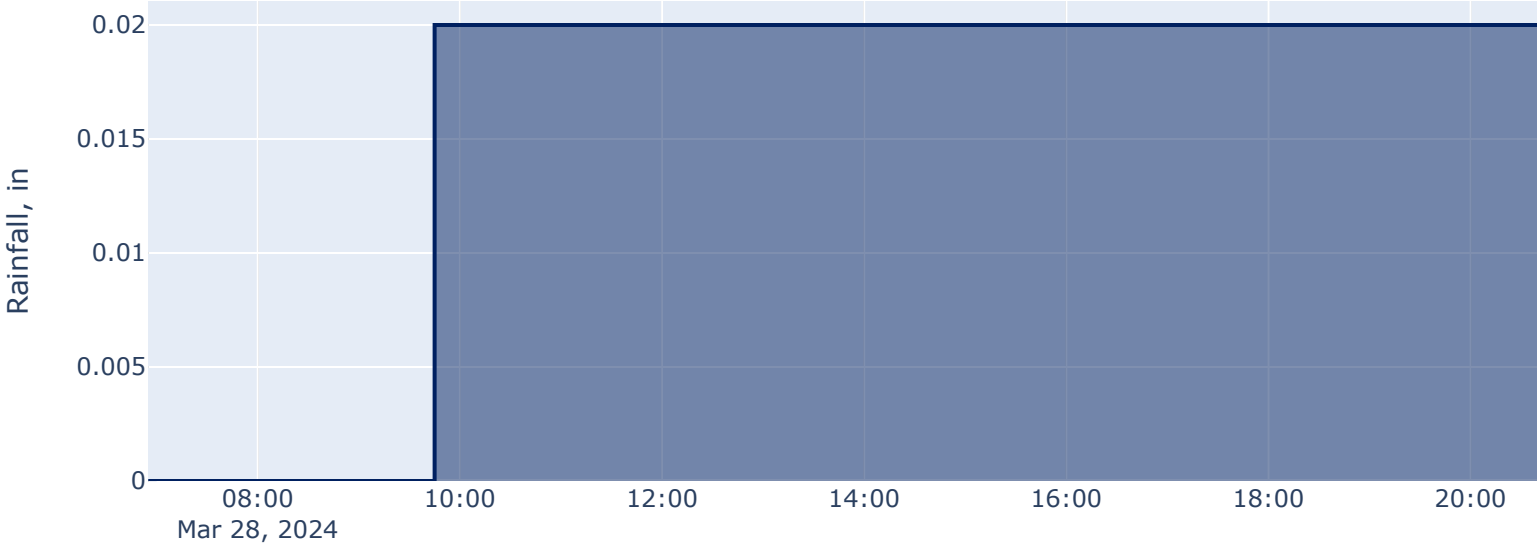


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

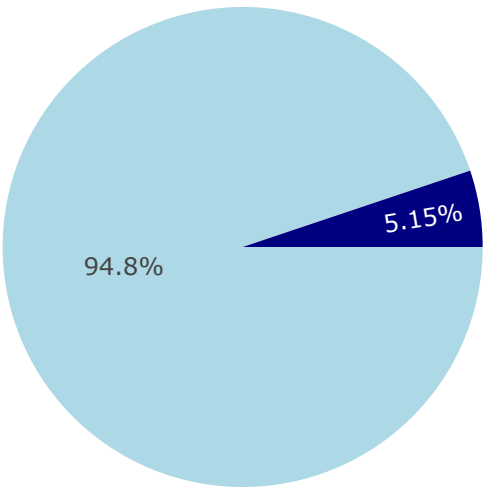
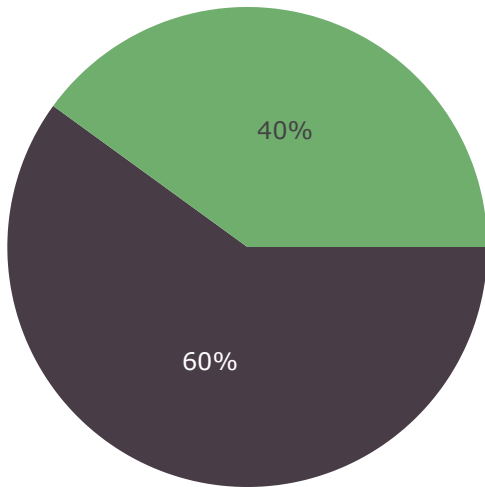
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.03	1.03
Site Return to Normal Depth (ft)	2.73	2.73
Time Activated	03/28/2024 12:50	03/28/2024 12:50
Time Returned to Normal	03/28/2024 14:45	03/28/2024 14:45



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	5.06
Volume Stored (MG)	0.396
Unused Storage Volume (MG)	0.717
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Apr2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

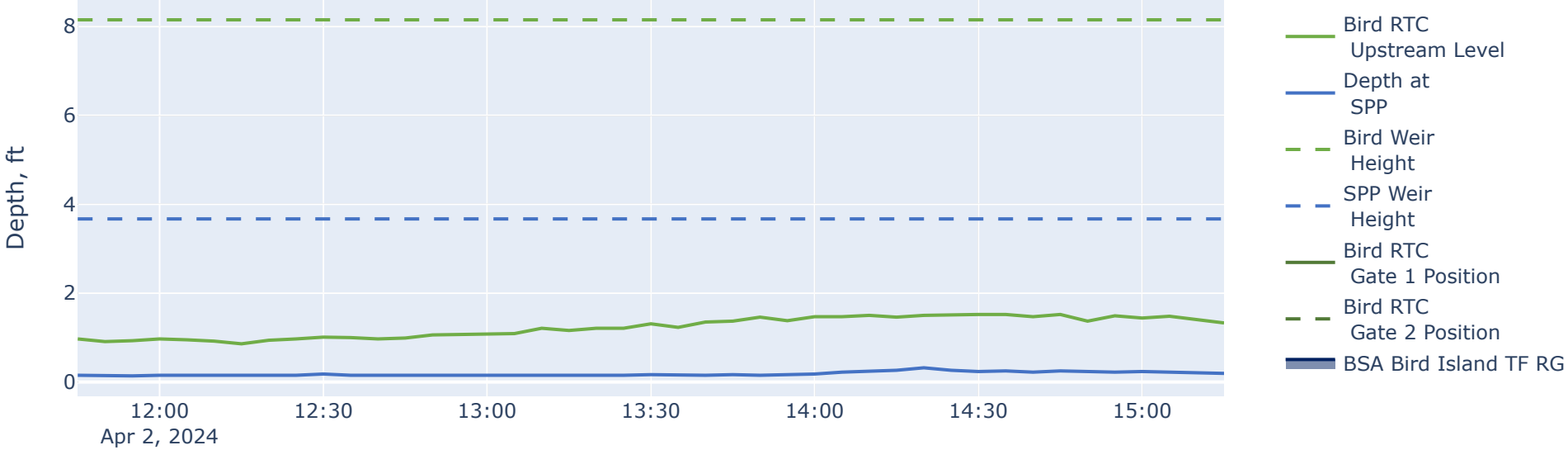
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	3	2.718	50.026	4.44

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
April 02, 2024	0.09	0.0	0.015	100	1.097	1	Good
April 03, 2024	1.21	9.795	0.82	8	0.259	76	Good
April 10, 2024	2.14	37.187	0.829	2	0.251	77	Good
April 14, 2024	0.12	0.0	0.243	100	0.837	23	Good
April 17, 2024	0.51	3.044	0.811	21	0.269	75	Good

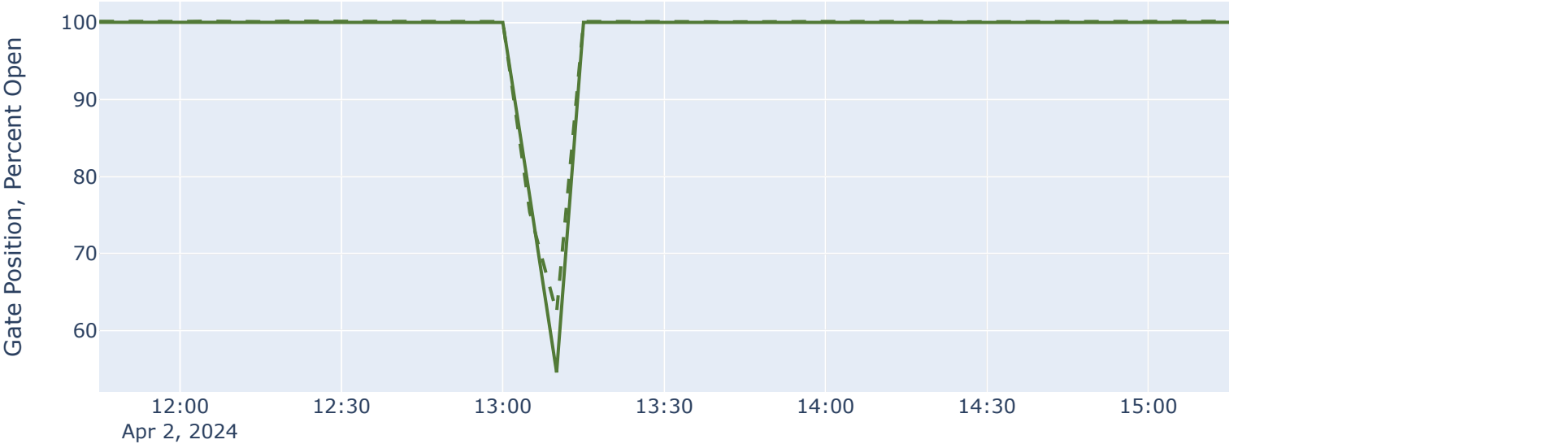
April 02, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	04/02/2024 11:45
Event End Date/Time	04/02/2024 15:15
Total Rainfall Accumulation (in)	0.09
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	3.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

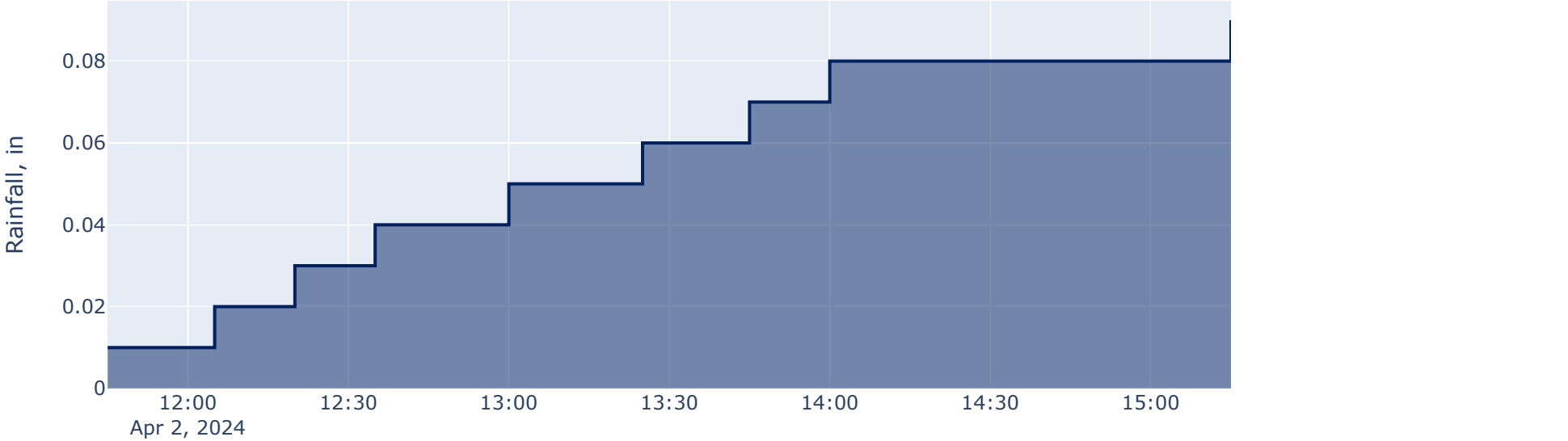
Overflow Data	Value
Overflow Volume Prevented (MG)	0.015
Percent Captured (%)	100
Unused Storage Volume (MG)	1.097
Overflow Before Storage Full	No
Storage Utilization (%)	1
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.07	1.07
Site Return to Normal Depth (ft)	1.16	1.16
Time Activated	04/02/2024 13:00	04/02/2024 13:00
Time Returned to Normal	04/02/2024 13:15	04/02/2024 13:15



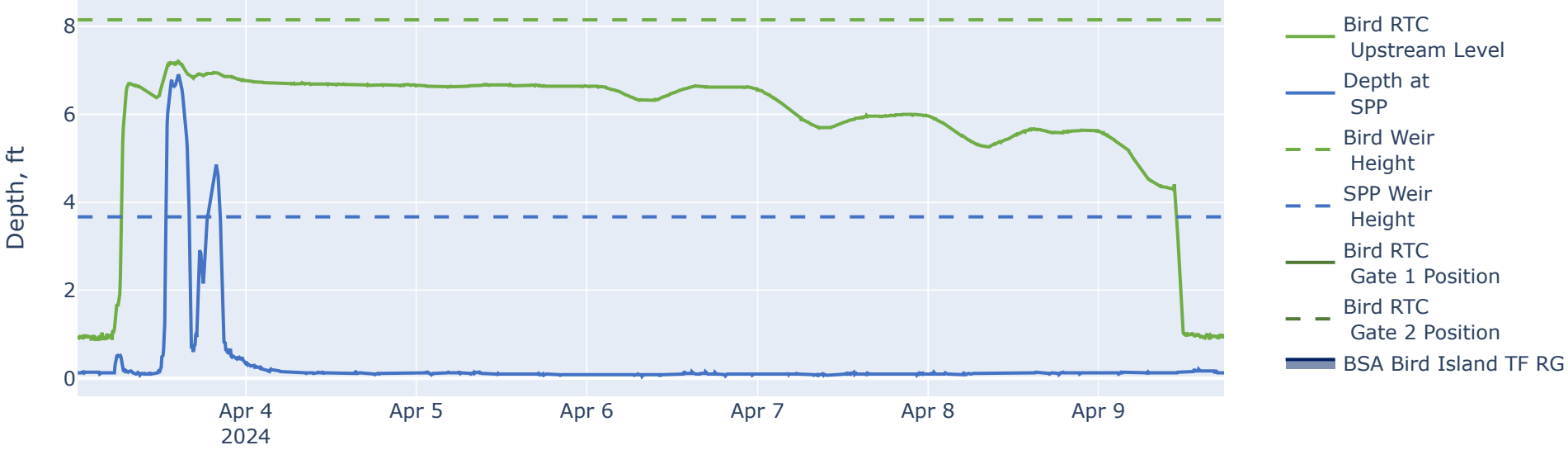
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	1.52
Volume Stored (MG)	0.015
Unused Storage Volume (MG)	1.097
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



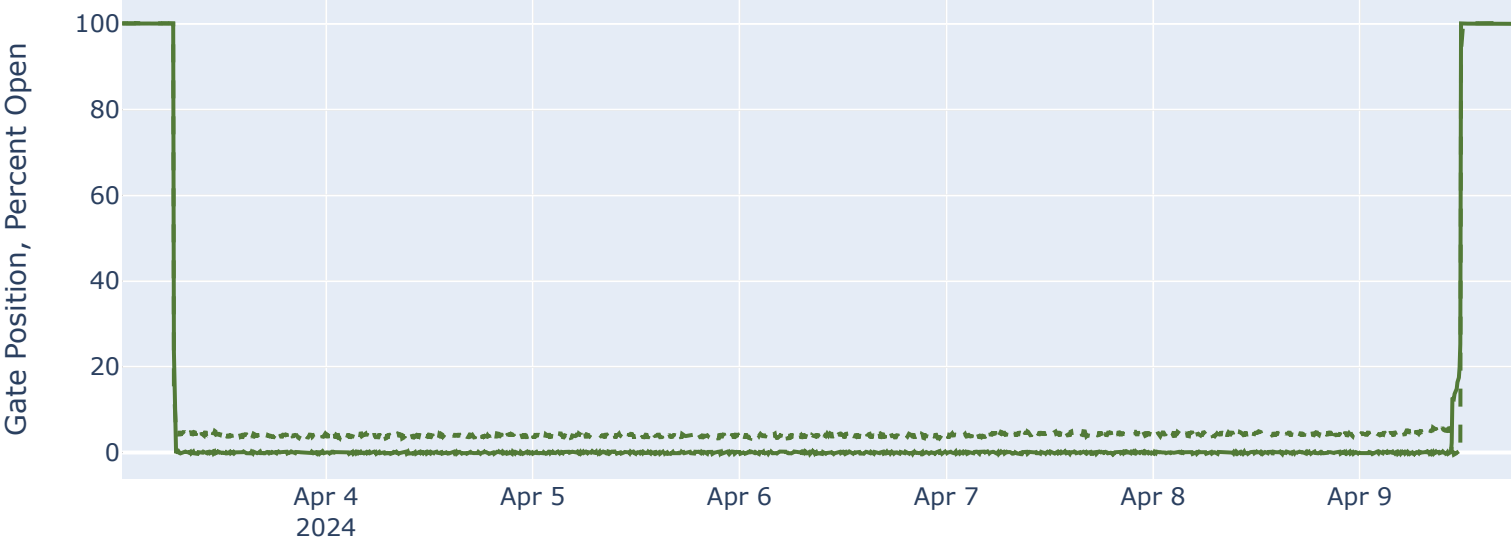
April 03, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	04/03/2024 00:20
Event End Date/Time	04/09/2024 17:40
Total Rainfall Accumulation (in)	1.21
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	22.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

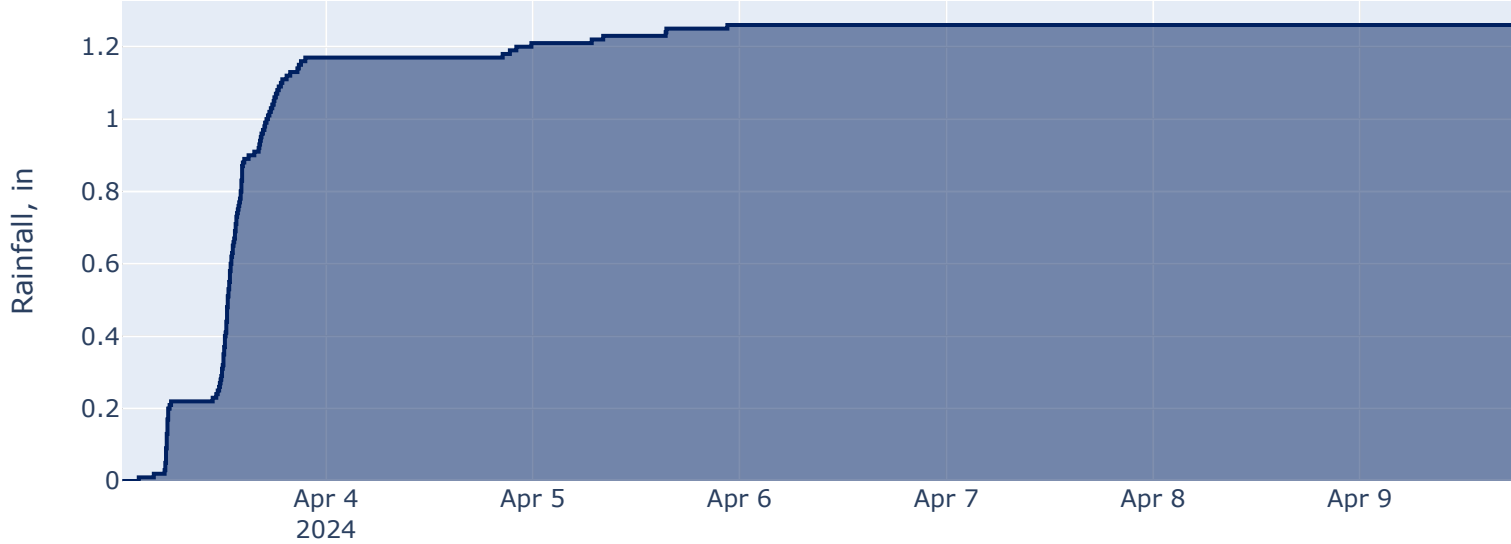
Overflow Data	Value
Overflow Volume Prevented (MG)	0.82
Percent Captured (%)	8
Unused Storage Volume (MG)	0.259
Overflow Before Storage Full	Yes
Storage Utilization (%)	76
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	9.795
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	9.795
Overflow Duration (hr)	7.58



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.91	1.91
Site Return to Normal Depth (ft)	1.15	1.05
Time Activated	04/03/2024 06:15	04/03/2024 06:15
Time Returned to Normal	04/09/2024 11:45	04/09/2024 11:50



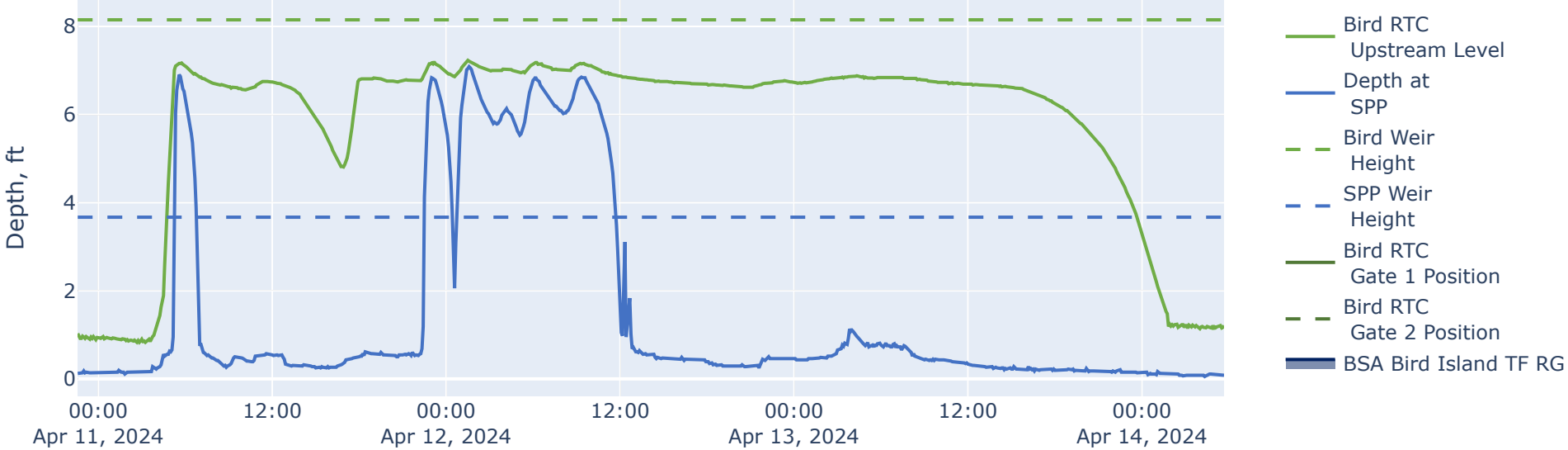
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.2
Volume Stored (MG)	0.82
Unused Storage Volume (MG)	0.259
RTC Depth at Overflow Start (ft)	7.05
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



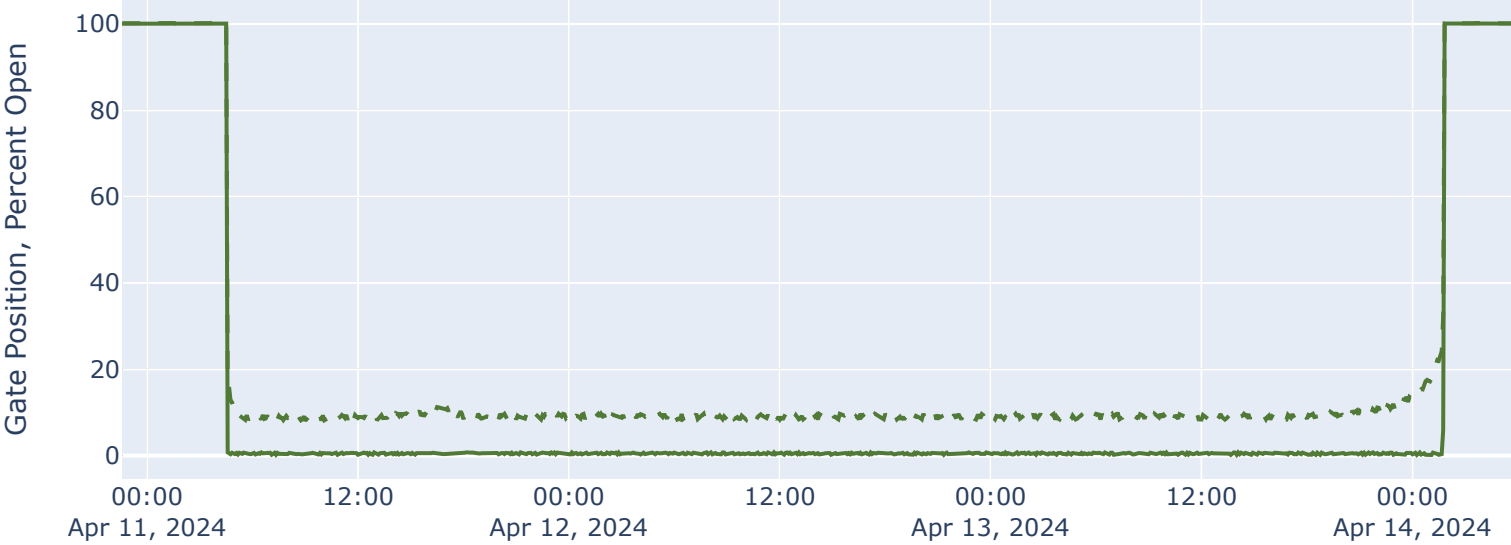
April 10, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	04/10/2024 22:35
Event End Date/Time	04/14/2024 05:40
Total Rainfall Accumulation (in)	2.14
Maximum Rainfall Intensity (in/hr)	1.32
Storm Event Duration (hr)	41.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

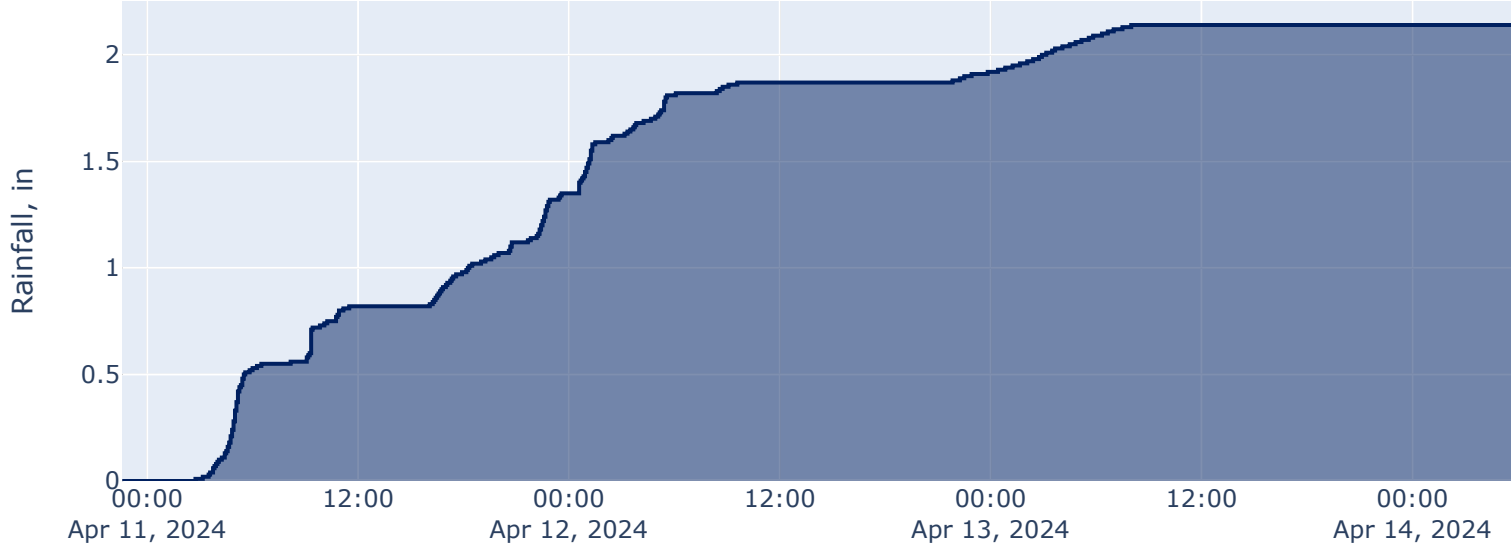
Overflow Data	Value
Overflow Volume Prevented (MG)	0.829
Percent Captured (%)	2
Unused Storage Volume (MG)	0.251
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	37.187
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	37.187
Overflow Duration (hr)	6.42



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.89	1.89
Site Return to Normal Depth (ft)	1.19	1.19
Time Activated	04/11/2024 04:30	04/11/2024 04:30
Time Returned to Normal	04/14/2024 01:50	04/14/2024 01:50



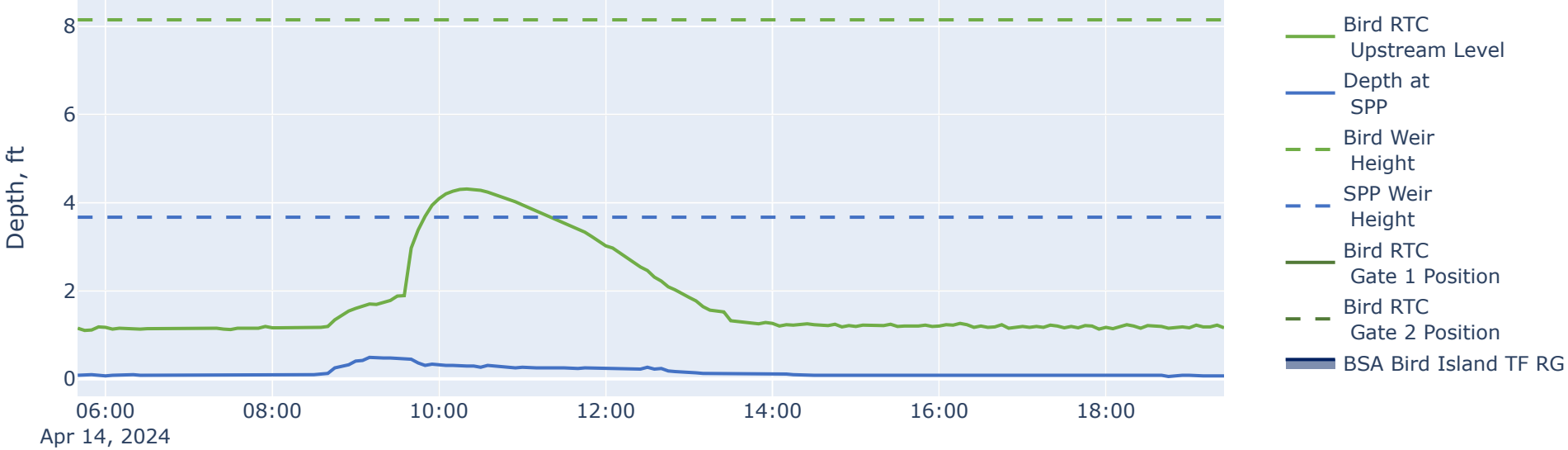
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.23
Volume Stored (MG)	0.829
Unused Storage Volume (MG)	0.251
RTC Depth at Overflow Start (ft)	7.01
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



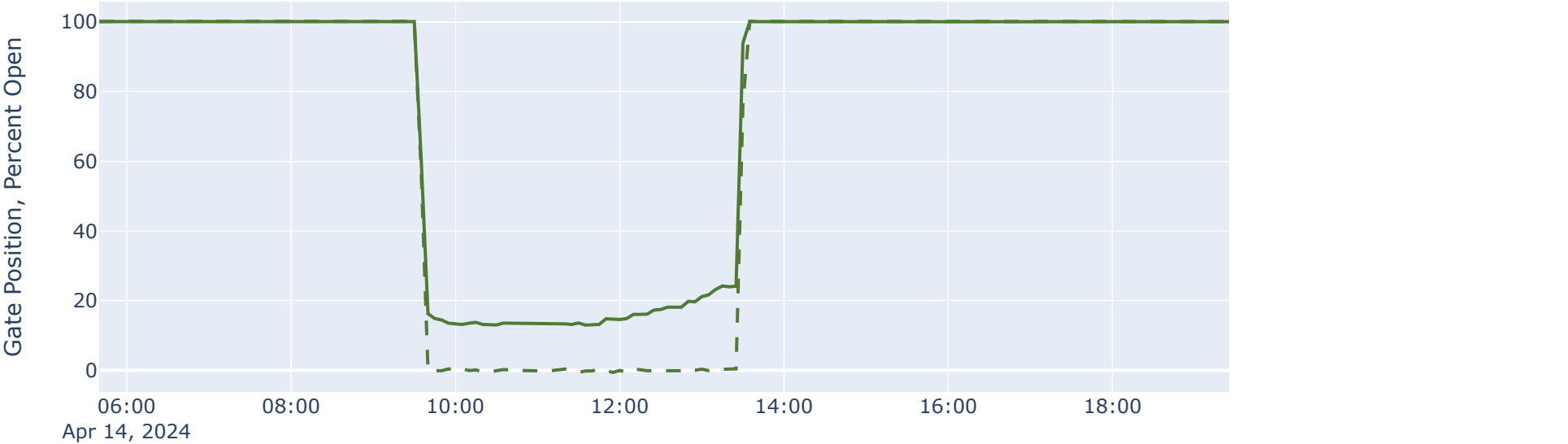
April 14, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	04/14/2024 05:40
Event End Date/Time	04/14/2024 19:25
Total Rainfall Accumulation (in)	0.12
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	2.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

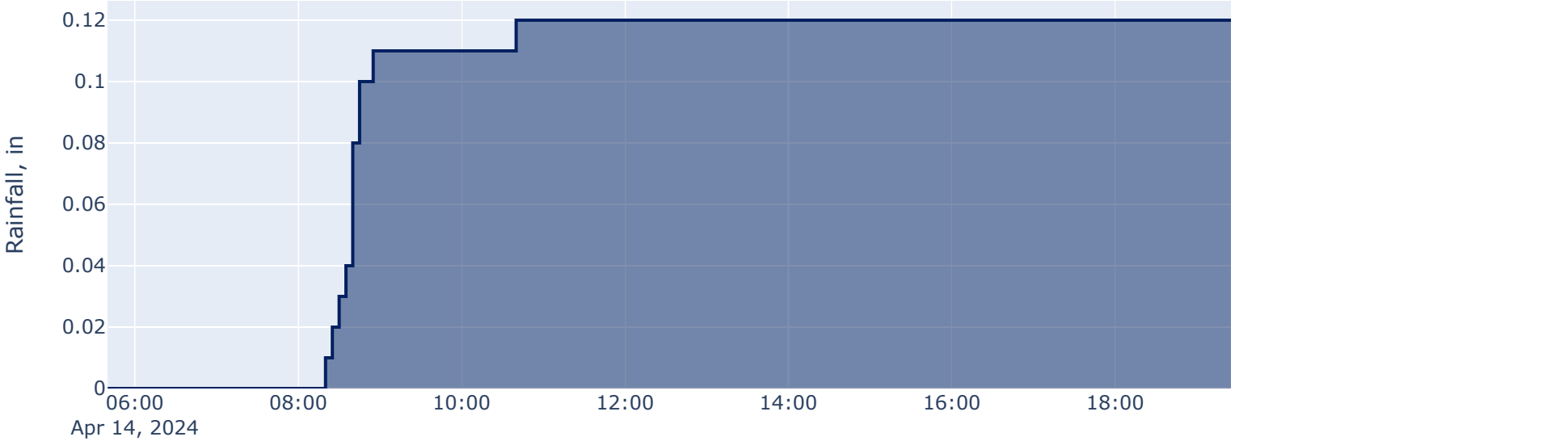
Overflow Data	Value
Overflow Volume Prevented (MG)	0.243
Percent Captured (%)	100
Unused Storage Volume (MG)	0.837
Overflow Before Storage Full	No
Storage Utilization (%)	23
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.88	1.88
Site Return to Normal Depth (ft)	1.3	1.3
Time Activated	04/14/2024 09:30	04/14/2024 09:30
Time Returned to Normal	04/14/2024 13:35	04/14/2024 13:35



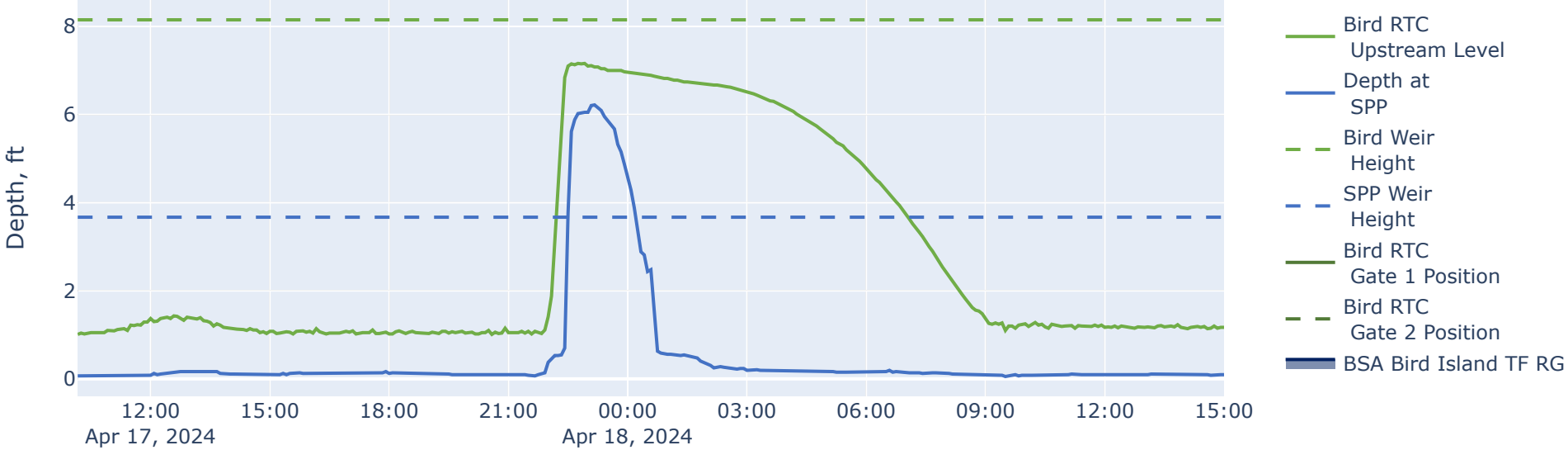
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	4.31
Volume Stored (MG)	0.243
Unused Storage Volume (MG)	0.837
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



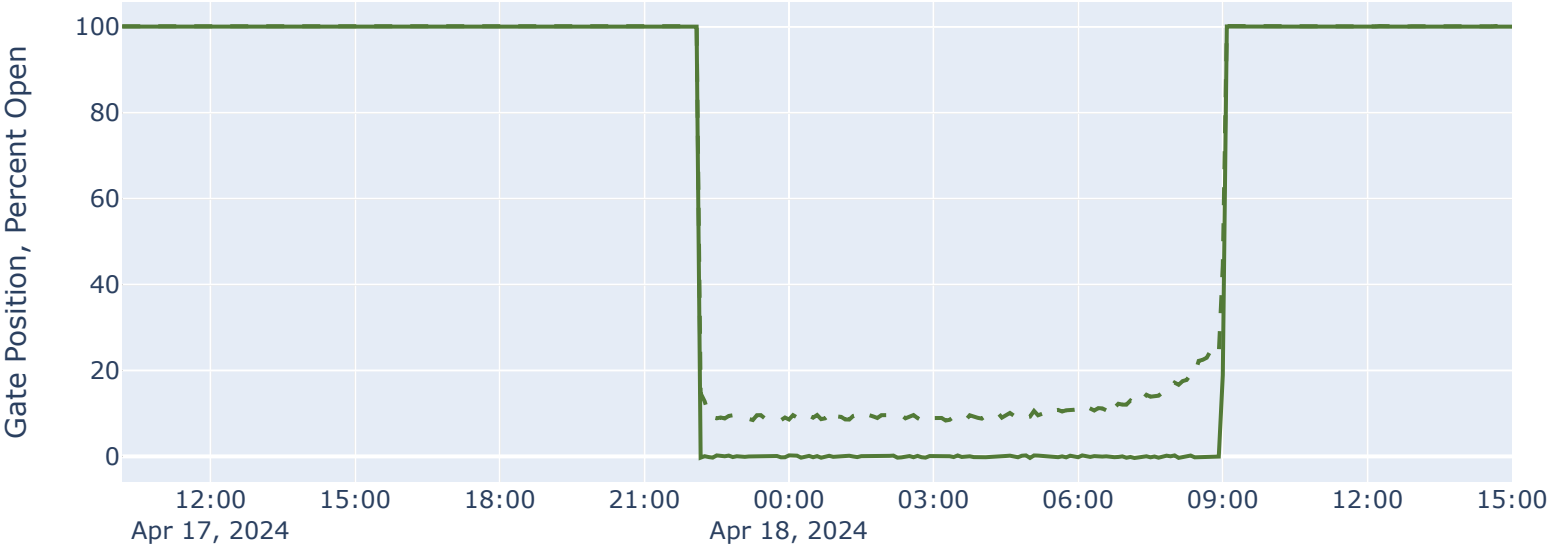
April 17, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	04/17/2024 10:10
Event End Date/Time	04/18/2024 15:00
Total Rainfall Accumulation (in)	0.51
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	4.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

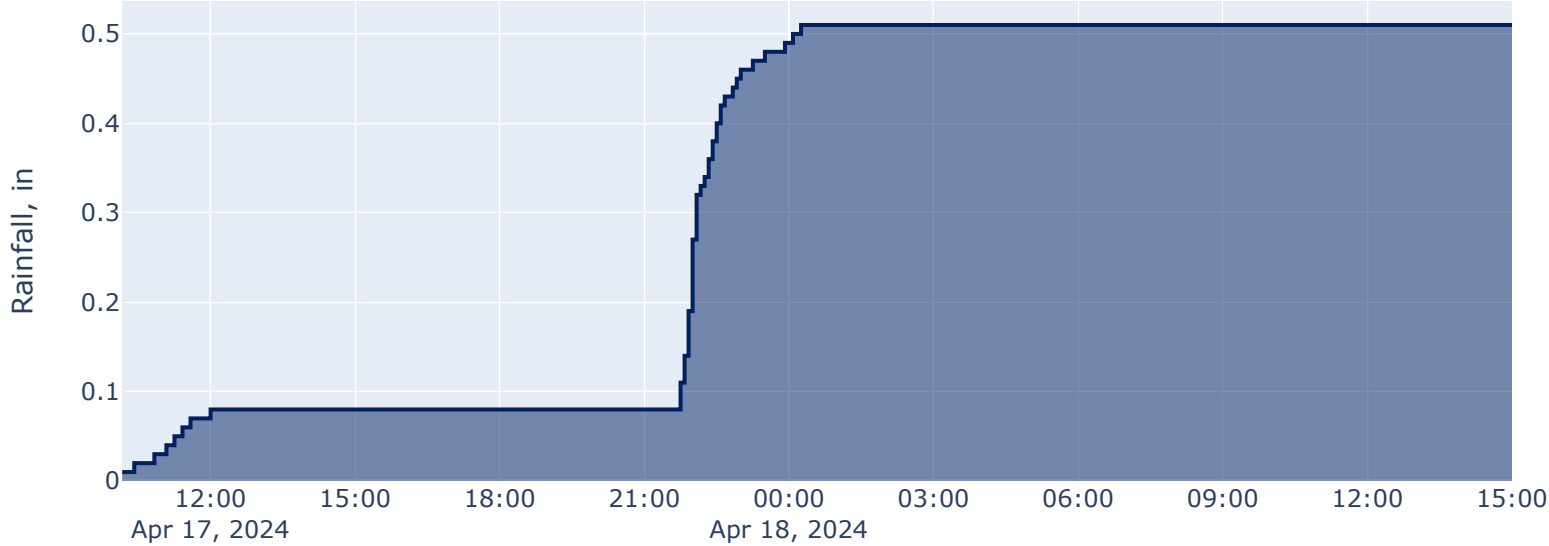
Overflow Data	Value
Overflow Volume Prevented (MG)	0.811
Percent Captured (%)	21
Unused Storage Volume (MG)	0.269
Overflow Before Storage Full	Yes
Storage Utilization (%)	75
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	3.044
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	3.044
Overflow Duration (hr)	1.67



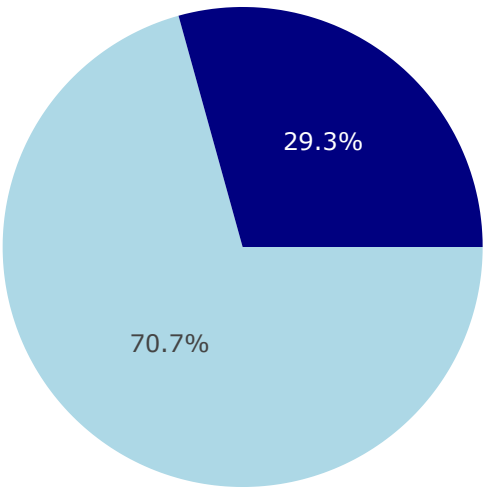
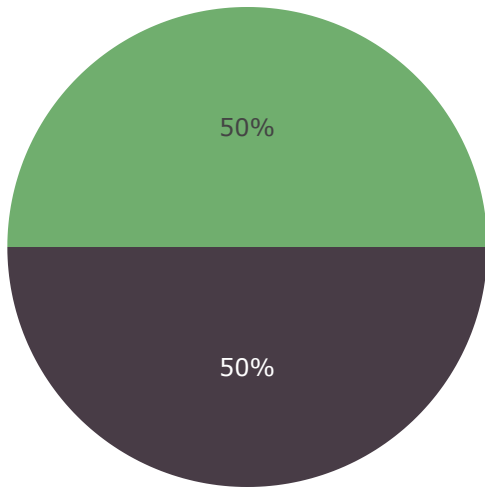
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.88	1.88
Site Return to Normal Depth (ft)	1.26	1.26
Time Activated	04/17/2024 22:05	04/17/2024 22:05
Time Returned to Normal	04/18/2024 09:05	04/18/2024 09:05



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.16
Volume Stored (MG)	0.811
Unused Storage Volume (MG)	0.269
RTC Depth at Overflow Start (ft)	7.1
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



May2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

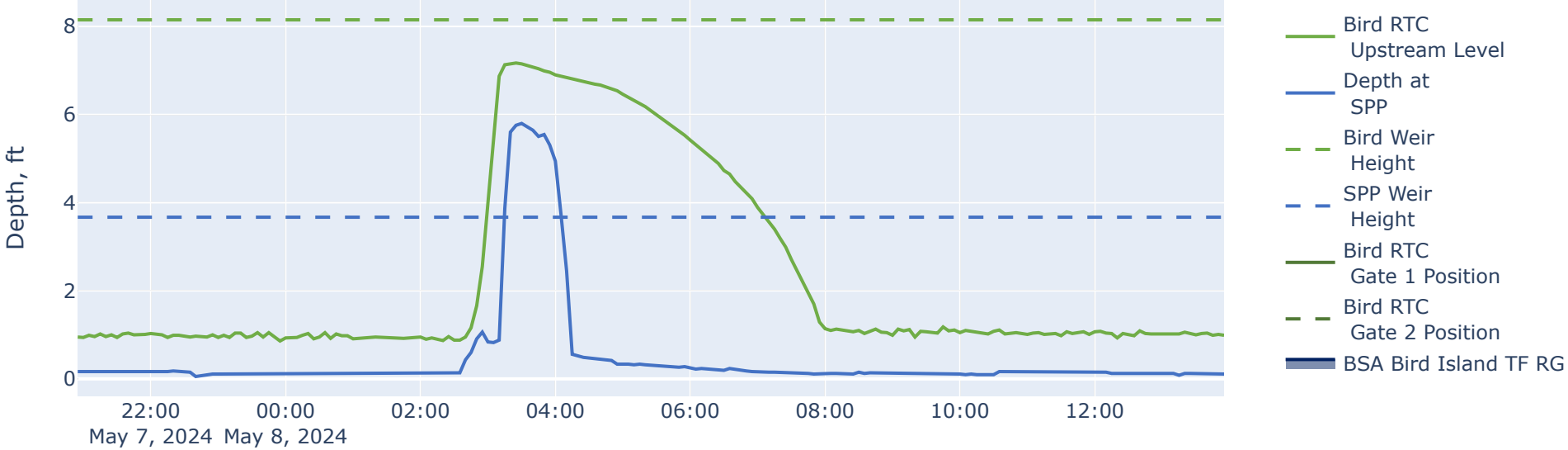
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
2	2	2.41	5.814	3.2

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 07, 2024	0.51	1.279	0.825	39	0.266	76	Good
May 25, 2024	0.23	0.0	0.633	100	0.459	58	Good
May 27, 2024	0.29	0.0	0.116	100	0.965	11	Good
May 28, 2024	0.91	4.535	0.836	16	0.246	77	Good

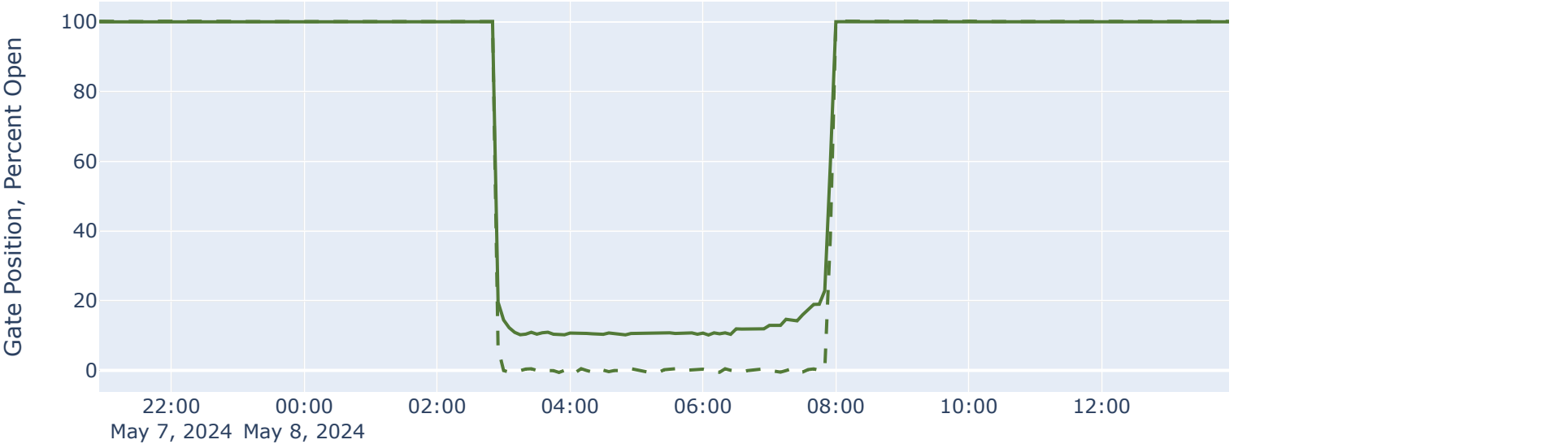
May 07, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	05/07/2024 20:55
Event End Date/Time	05/08/2024 13:55
Total Rainfall Accumulation (in)	0.51
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	0.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

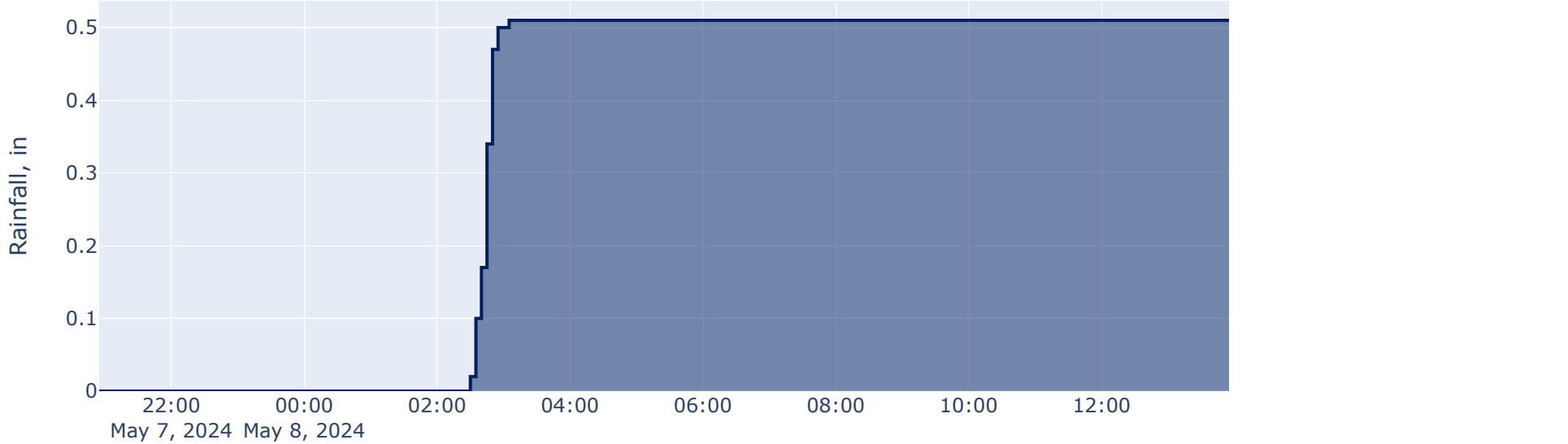
Overflow Data	Value
Overflow Volume Prevented (MG)	0.825
Percent Captured (%)	39
Unused Storage Volume (MG)	0.266
Overflow Before Storage Full	Yes
Storage Utilization (%)	76
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.279
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.279
Overflow Duration (hr)	0.83



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.66	1.66
Site Return to Normal Depth (ft)	1.14	1.14
Time Activated	05/08/2024 02:50	05/08/2024 02:50
Time Returned to Normal	05/08/2024 08:00	05/08/2024 08:00



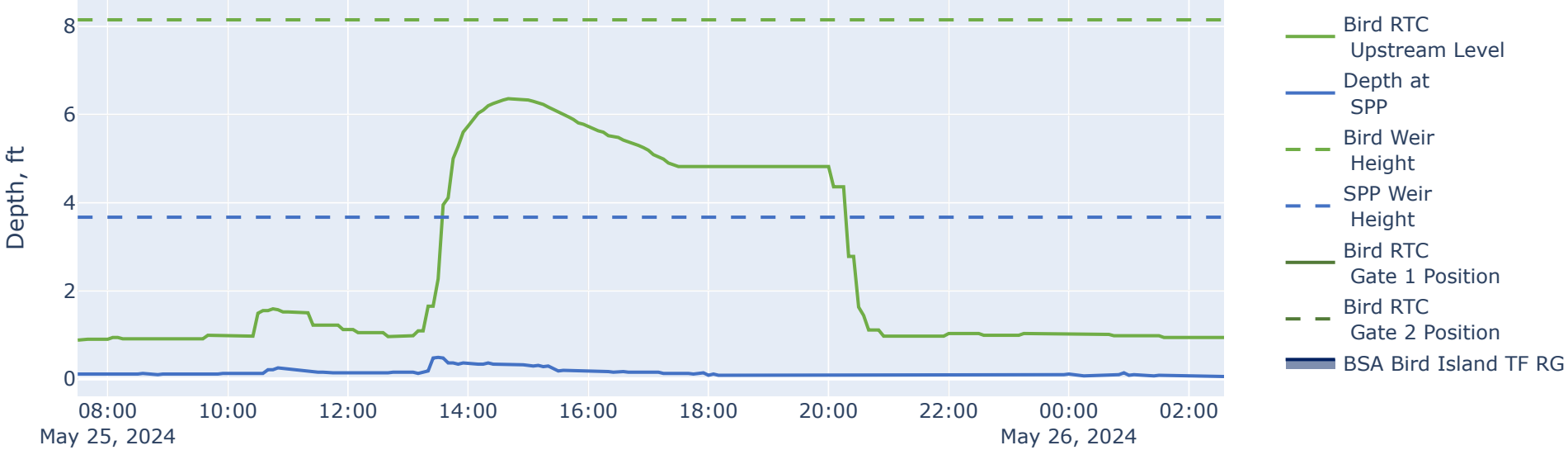
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.17
Volume Stored (MG)	0.825
Unused Storage Volume (MG)	0.266
RTC Depth at Overflow Start (ft)	7.13
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



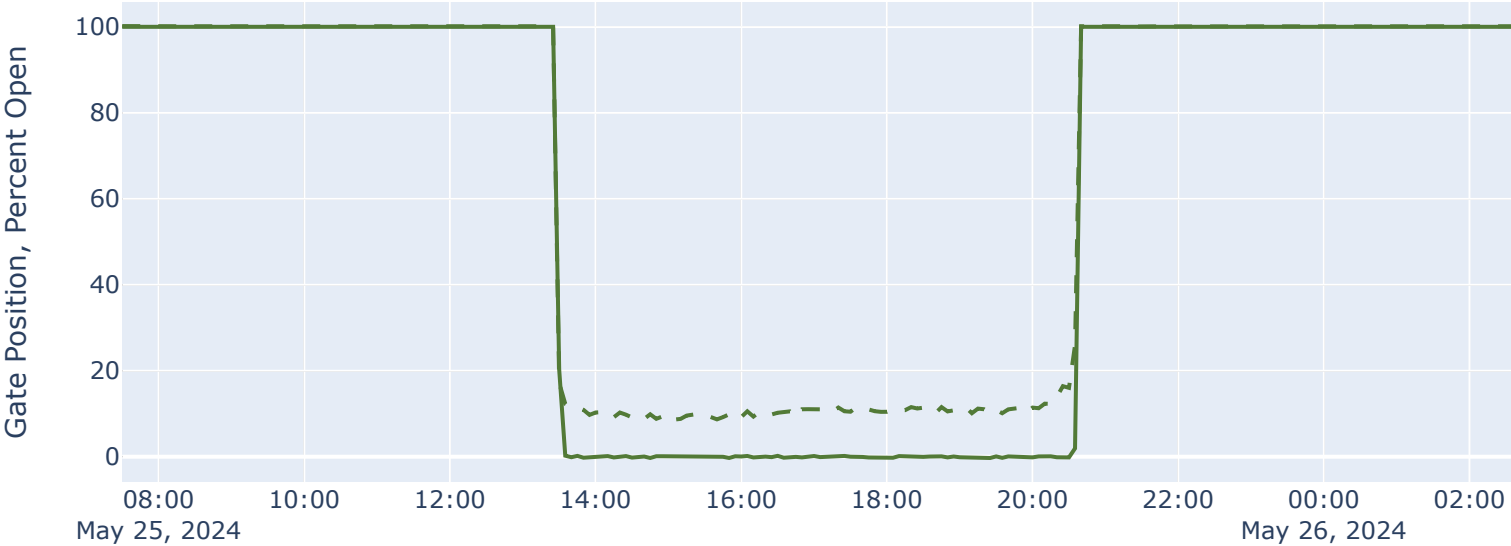
May 25, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	05/25/2024 07:30
Event End Date/Time	05/26/2024 02:35
Total Rainfall Accumulation (in)	0.23
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	5.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

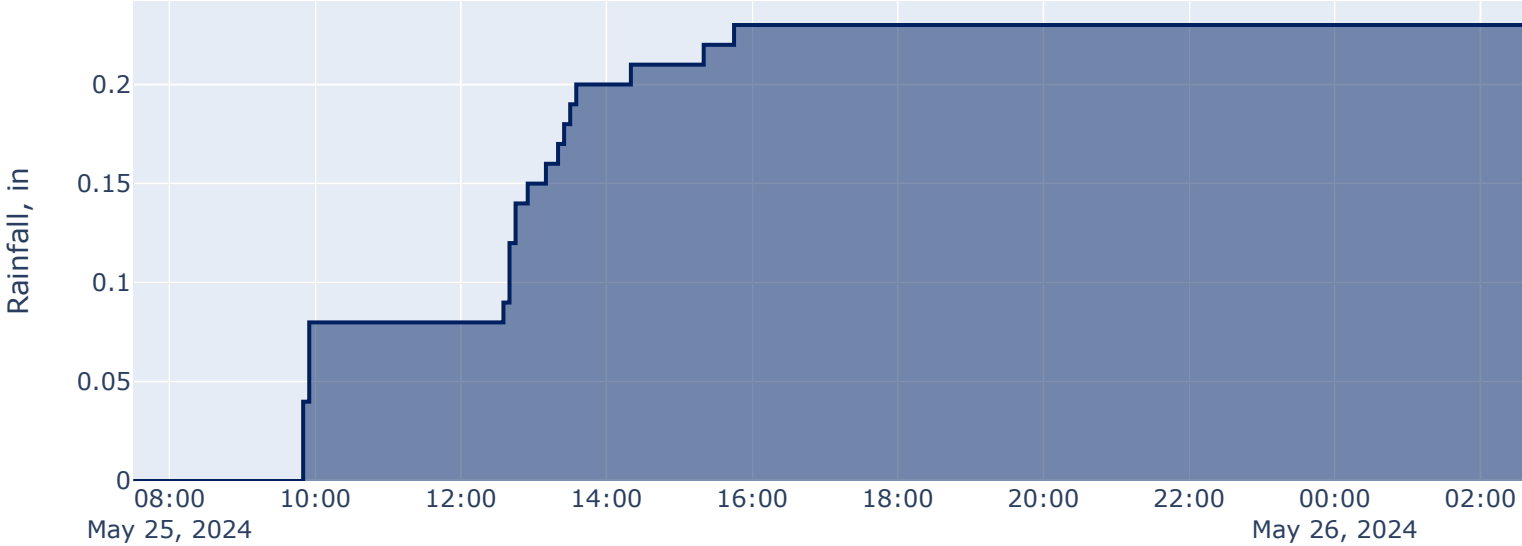
Overflow Data	Value
Overflow Volume Prevented (MG)	0.633
Percent Captured (%)	100
Unused Storage Volume (MG)	0.459
Overflow Before Storage Full	No
Storage Utilization (%)	58
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.65	1.65
Site Return to Normal Depth (ft)	1.11	1.11
Time Activated	05/25/2024 13:25	05/25/2024 13:25
Time Returned to Normal	05/25/2024 20:40	05/25/2024 20:40



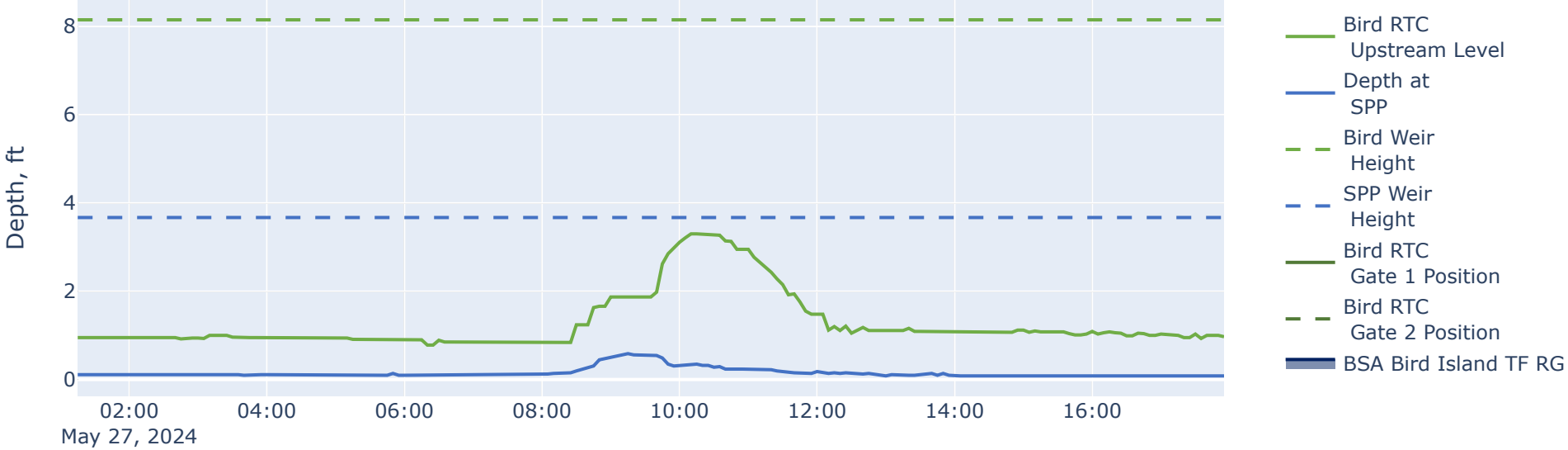
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.36
Volume Stored (MG)	0.633
Unused Storage Volume (MG)	0.459
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



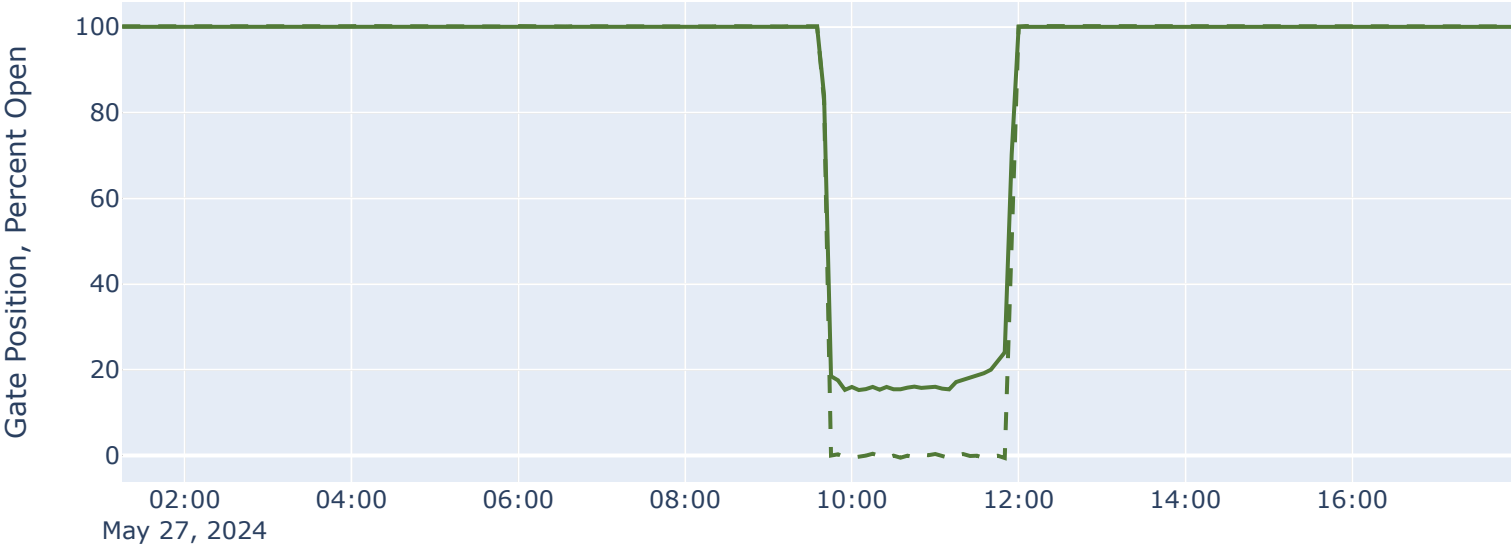
May 27, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	05/27/2024 01:15
Event End Date/Time	05/27/2024 17:55
Total Rainfall Accumulation (in)	0.29
Maximum Rainfall Intensity (in/hr)	0.84
Storm Event Duration (hr)	9.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

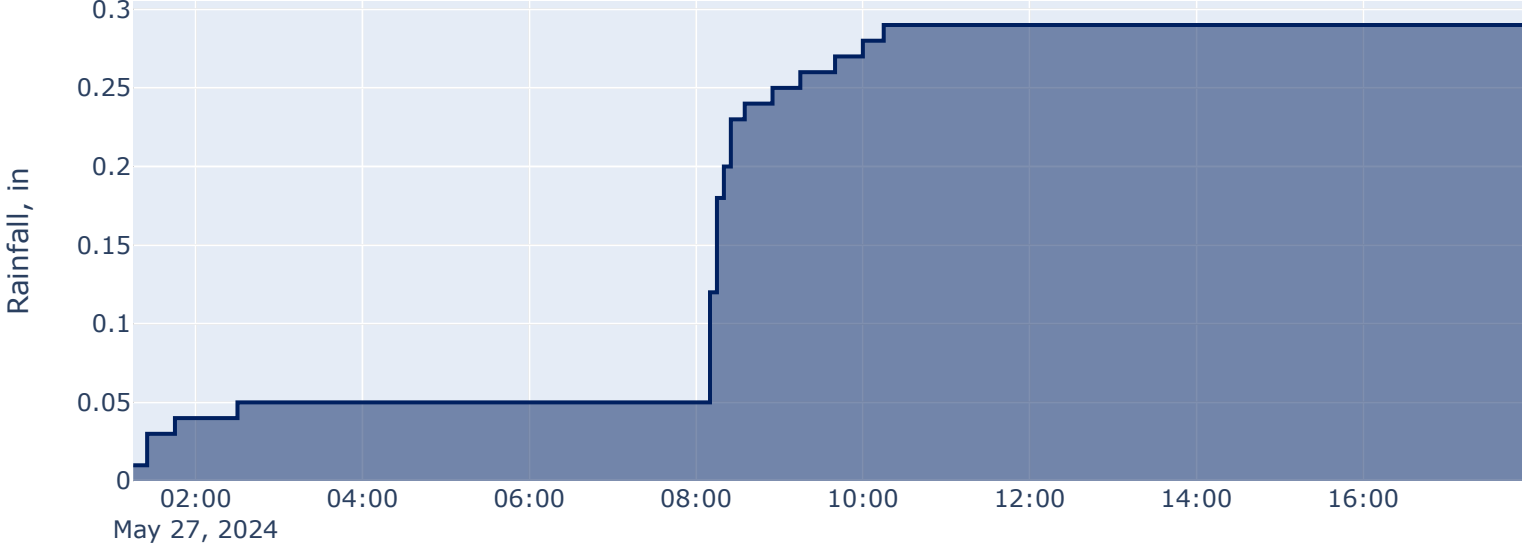
Overflow Data	Value
Overflow Volume Prevented (MG)	0.116
Percent Captured (%)	100
Unused Storage Volume (MG)	0.965
Overflow Before Storage Full	No
Storage Utilization (%)	11
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.87	1.87
Site Return to Normal Depth (ft)	1.48	1.48
Time Activated	05/27/2024 09:35	05/27/2024 09:35
Time Returned to Normal	05/27/2024 12:00	05/27/2024 12:00



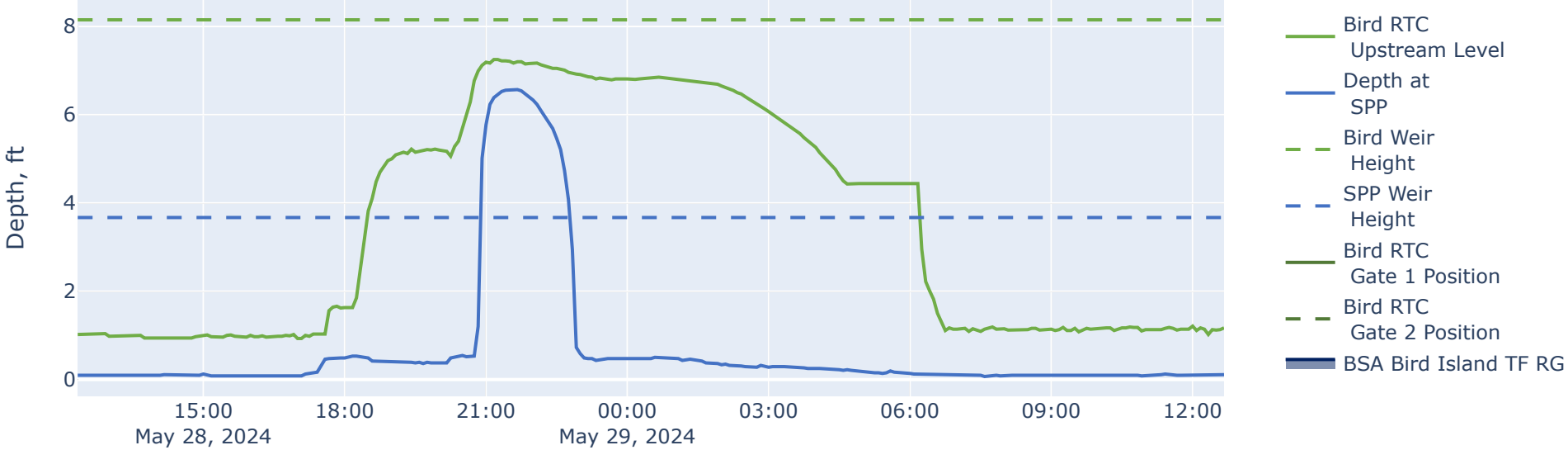
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	3.3
Volume Stored (MG)	0.116
Unused Storage Volume (MG)	0.965
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



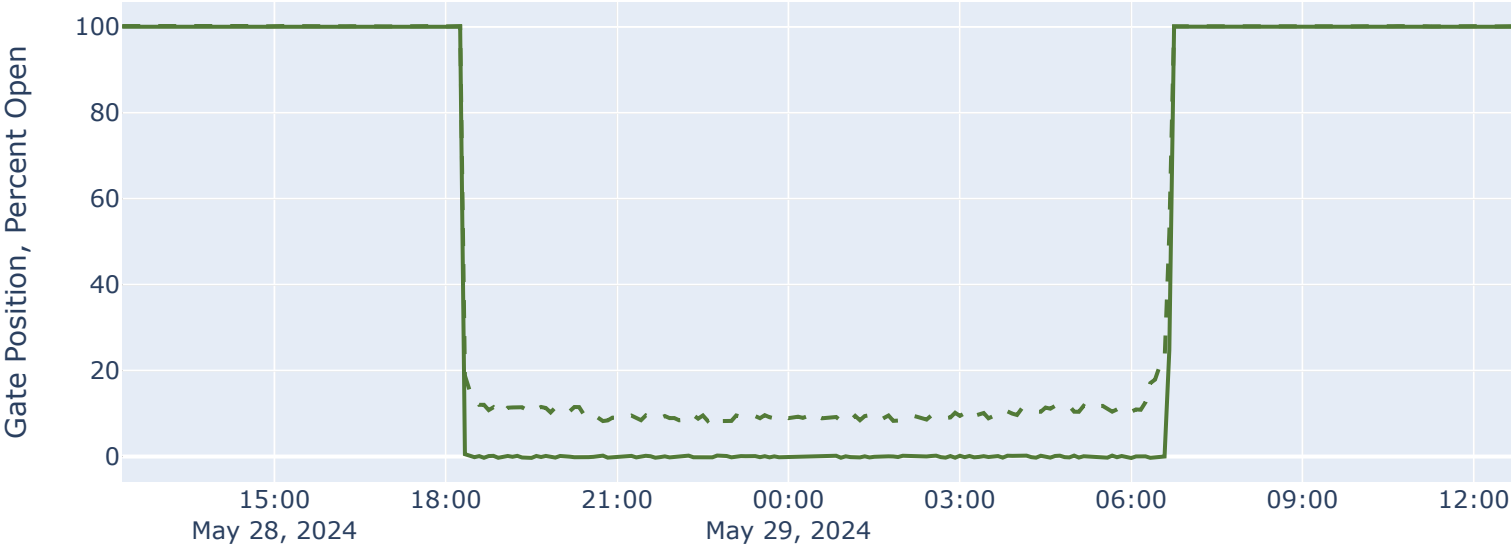
May 28, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	05/28/2024 12:20
Event End Date/Time	05/29/2024 12:40
Total Rainfall Accumulation (in)	0.91
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	15.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

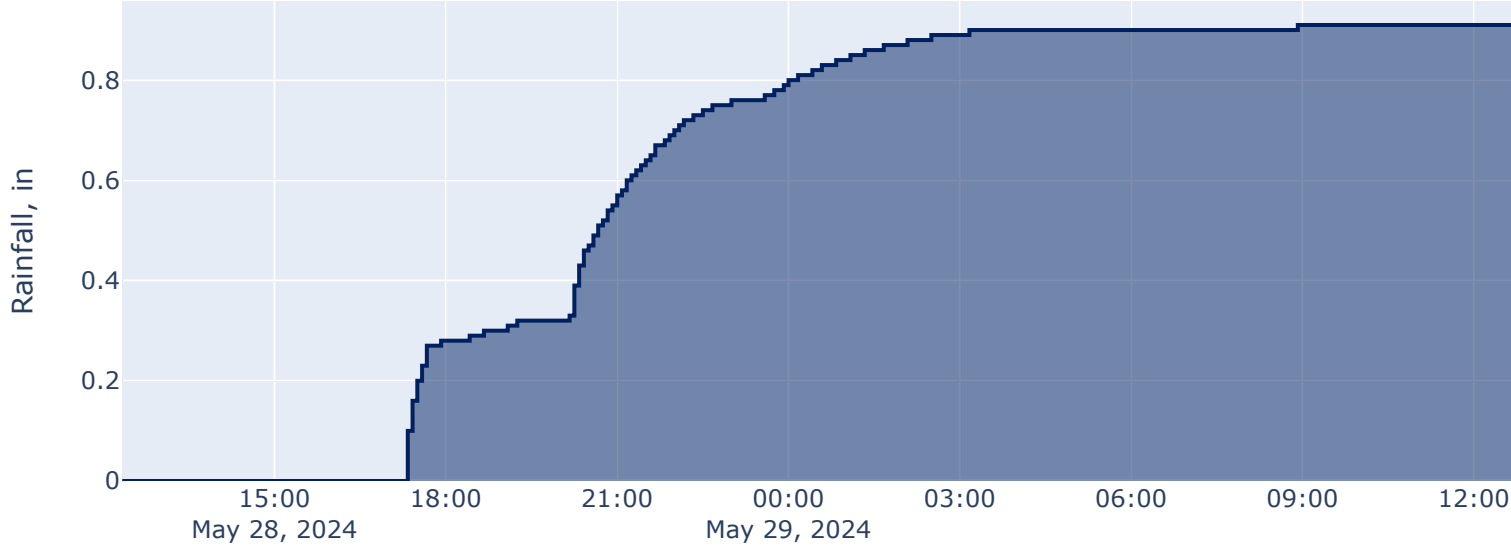
Overflow Data	Value
Overflow Volume Prevented (MG)	0.836
Percent Captured (%)	16
Unused Storage Volume (MG)	0.246
Overflow Before Storage Full	Yes
Storage Utilization (%)	77
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.535
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.535
Overflow Duration (hr)	1.83



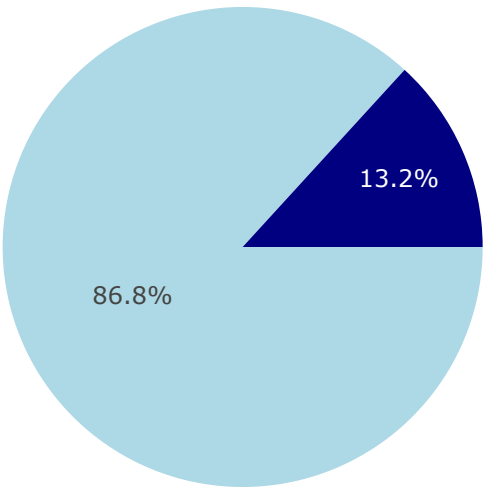
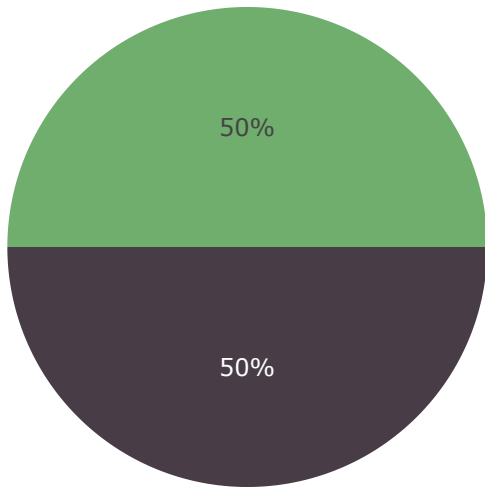
RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.85	1.85
Site Return to Normal Depth (ft)	1.11	1.11
Time Activated	05/28/2024 18:15	05/28/2024 18:15
Time Returned to Normal	05/29/2024 06:45	05/29/2024 06:45



RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.25
Volume Stored (MG)	0.836
Unused Storage Volume (MG)	0.246
RTC Depth at Overflow Start (ft)	7.12
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Jun2024 KPI Report for SPP013
RTC Site(s) Bird - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

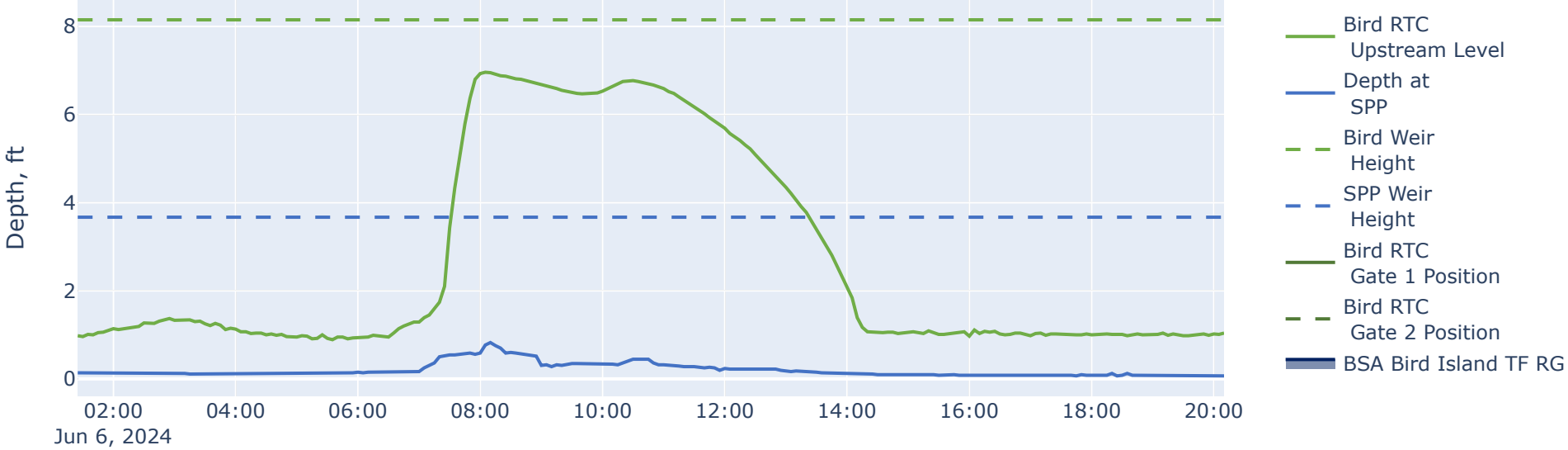
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Bird Island TF RG (in)
3	3	4.843	31.816	0.1

Event	Total Rain at BSA Bird Island TF RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 06, 2024	0.0	0.0	0.769	100	0.319	71	Good
June 08, 2024	0.0	4.657	0.826	15	0.259	76	Good
June 18, 2024	0.0	3.611	0.859	19	0.225	79	Good
June 19, 2024	0.0	0.0	0.788	100	0.296	73	Good
June 26, 2024	0.0	0.0	0.753	100	0.333	69	Good
June 29, 2024	0.0	23.548	0.848	3	0.233	78	Good

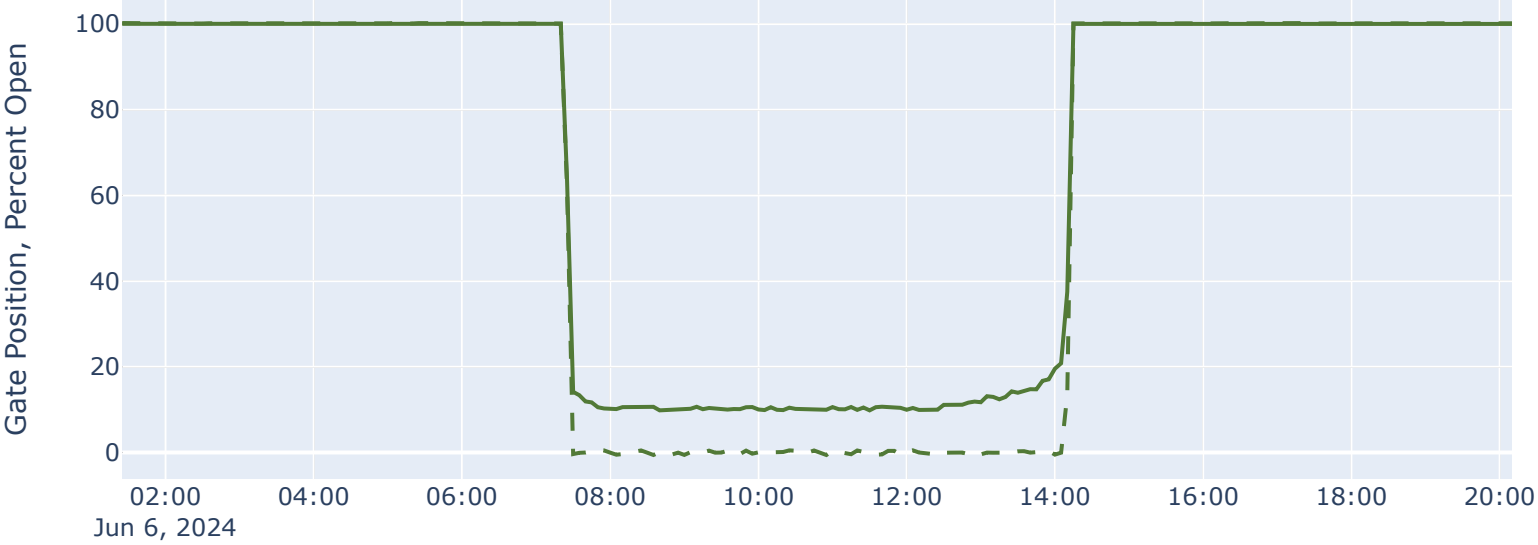
June 06, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	06/06/2024 01:25
Event End Date/Time	06/06/2024 20:10
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

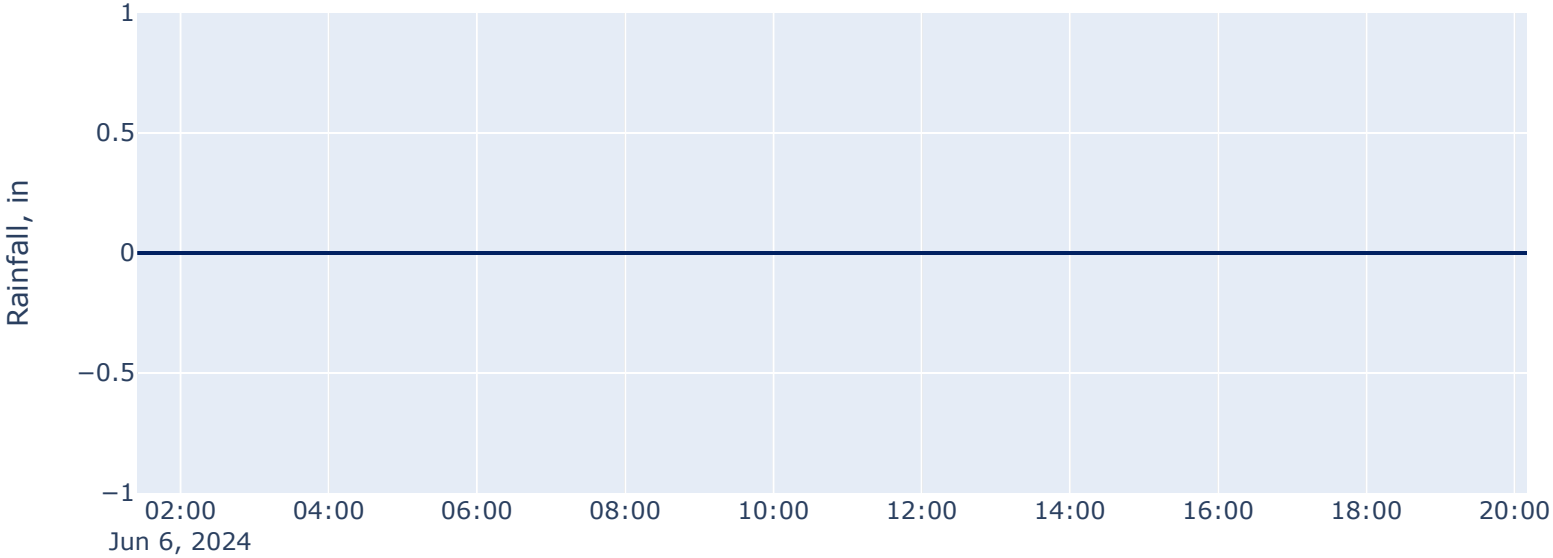
Overflow Data	Value
Overflow Volume Prevented (MG)	0.769
Percent Captured (%)	100
Unused Storage Volume (MG)	0.319
Overflow Before Storage Full	No
Storage Utilization (%)	71
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.74	1.74
Site Return to Normal Depth (ft)	1.17	1.17
Time Activated	06/06/2024 07:20	06/06/2024 07:20
Time Returned to Normal	06/06/2024 14:15	06/06/2024 14:15



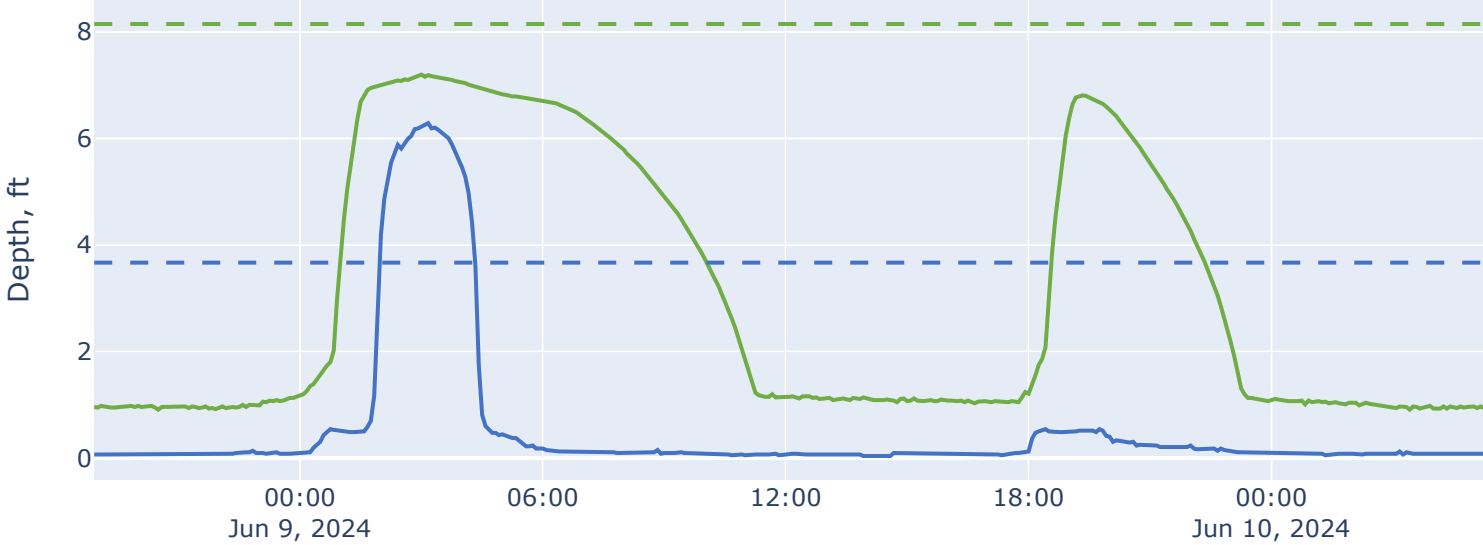
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.96
Volume Stored (MG)	0.769
Unused Storage Volume (MG)	0.319
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



June 08, 2024 SPP013
RTC Site(s) Bird - v1.0.4

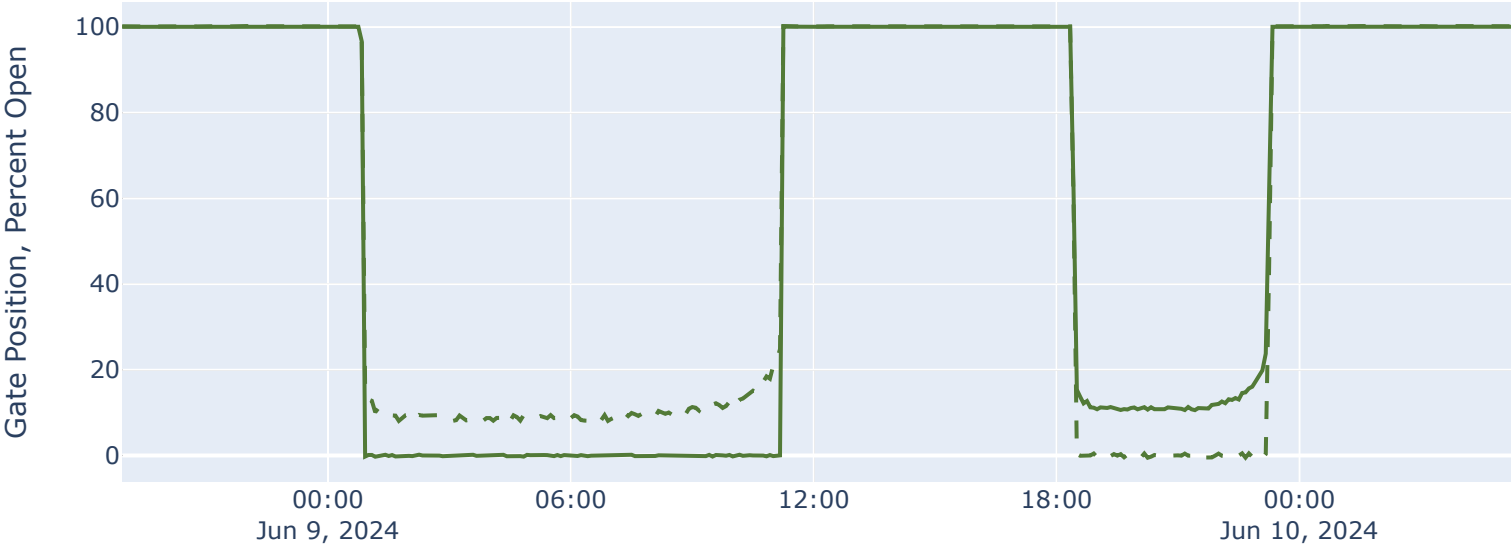
Event Data	Value
Event Start Date/Time	06/08/2024 18:55
Event End Date/Time	06/10/2024 05:15
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.826
Percent Captured (%)	15
Unused Storage Volume (MG)	0.259
Overflow Before Storage Full	Yes
Storage Utilization (%)	76
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.657
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.657
Overflow Duration (hr)	2.25

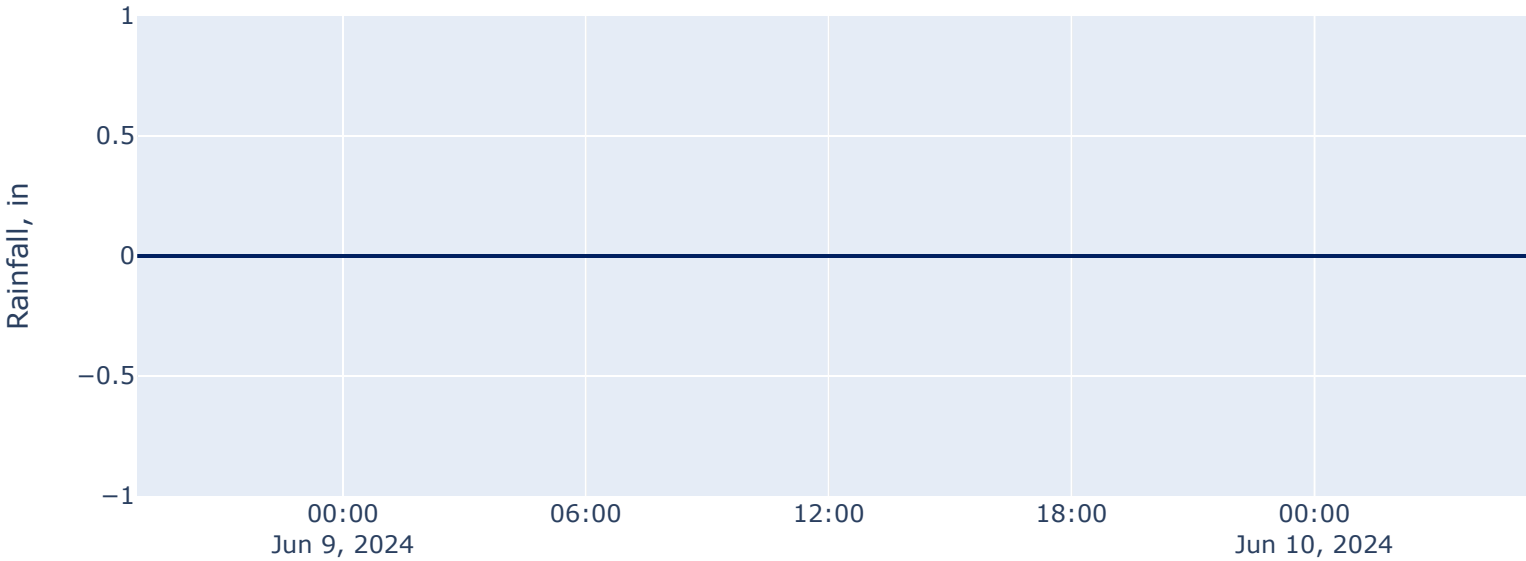


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.8	1.8
Site Return to Normal Depth (ft)	1.2	1.2
Time Activated	06/09/2024 00:45	06/09/2024 00:45
Time Returned to Normal	06/09/2024 23:20	06/09/2024 23:20



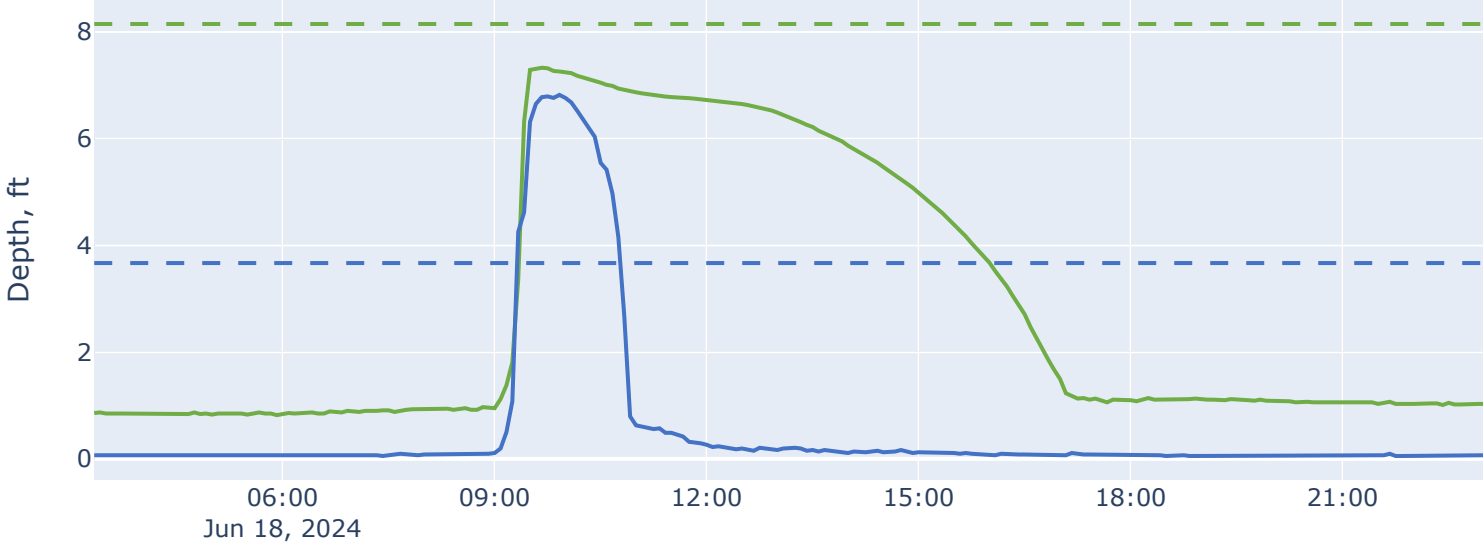
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.2
Volume Stored (MG)	0.826
Unused Storage Volume (MG)	0.259
RTC Depth at Overflow Start (ft)	7.0
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



June 18, 2024 SPP013
RTC Site(s) Bird - v1.0.4

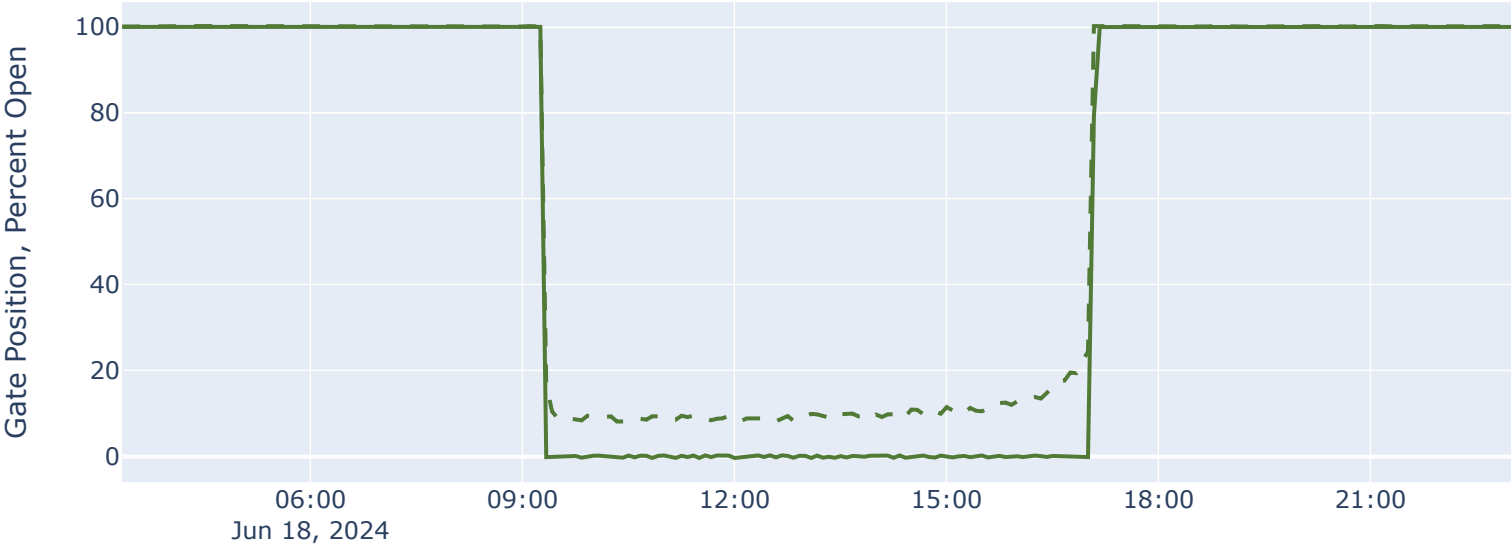
Event Data	Value
Event Start Date/Time	06/18/2024 03:20
Event End Date/Time	06/18/2024 23:00
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.859
Percent Captured (%)	19
Unused Storage Volume (MG)	0.225
Overflow Before Storage Full	Yes
Storage Utilization (%)	79
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	3.611
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	3.611
Overflow Duration (hr)	1.42

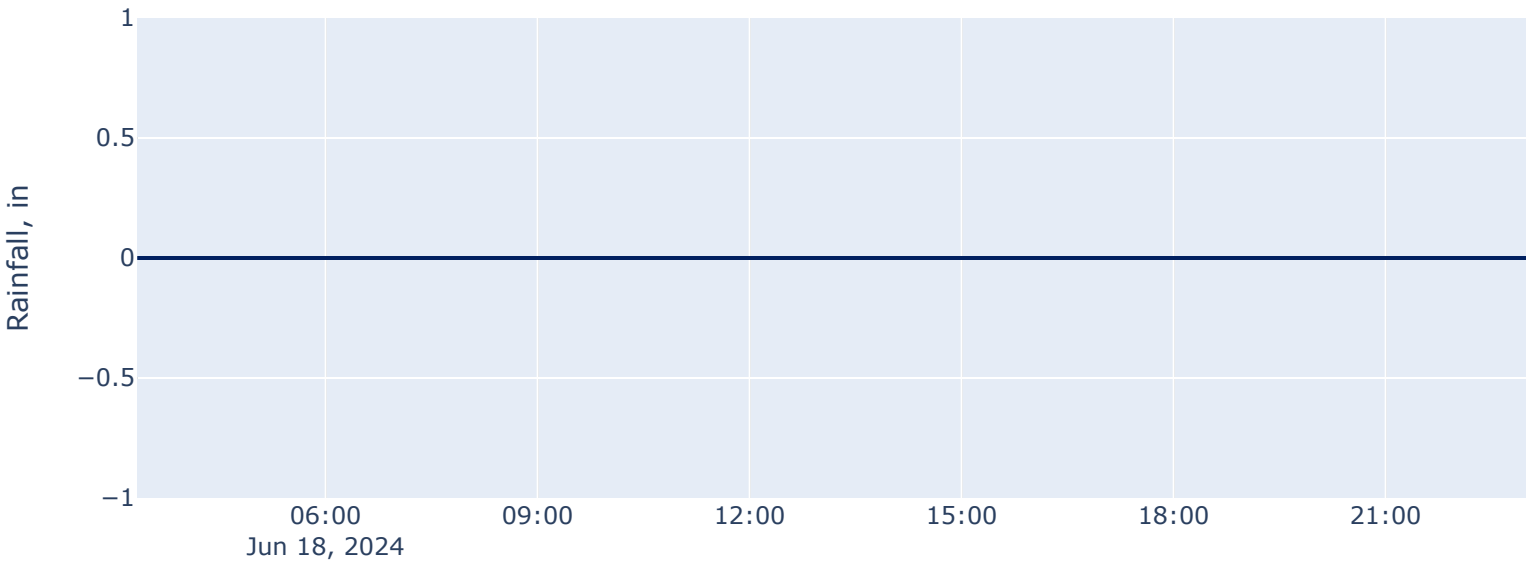


- Bird RTC Upstream Level
- Depth at SPP
- Bird Weir Height
- SPP Weir Height
- Bird RTC Gate 1 Position
- Bird RTC Gate 2 Position
- BSA Bird Island TF RG

RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.81	1.81
Site Return to Normal Depth (ft)	1.18	1.23
Time Activated	06/18/2024 09:15	06/18/2024 09:15
Time Returned to Normal	06/18/2024 17:10	06/18/2024 17:05



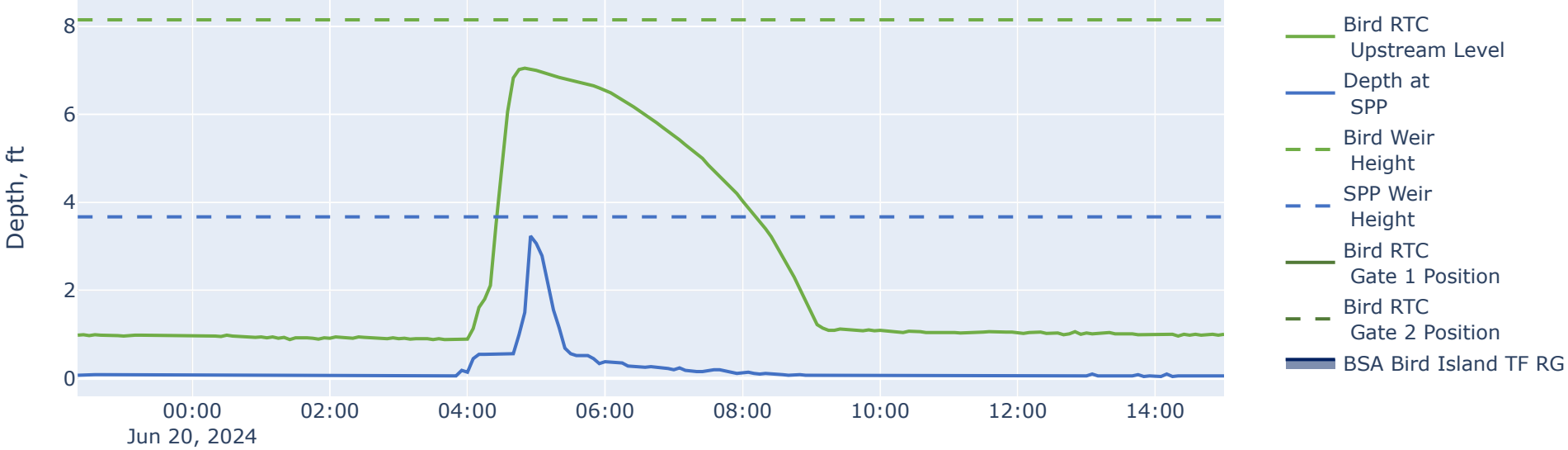
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.859
Unused Storage Volume (MG)	0.225
RTC Depth at Overflow Start (ft)	3.37
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



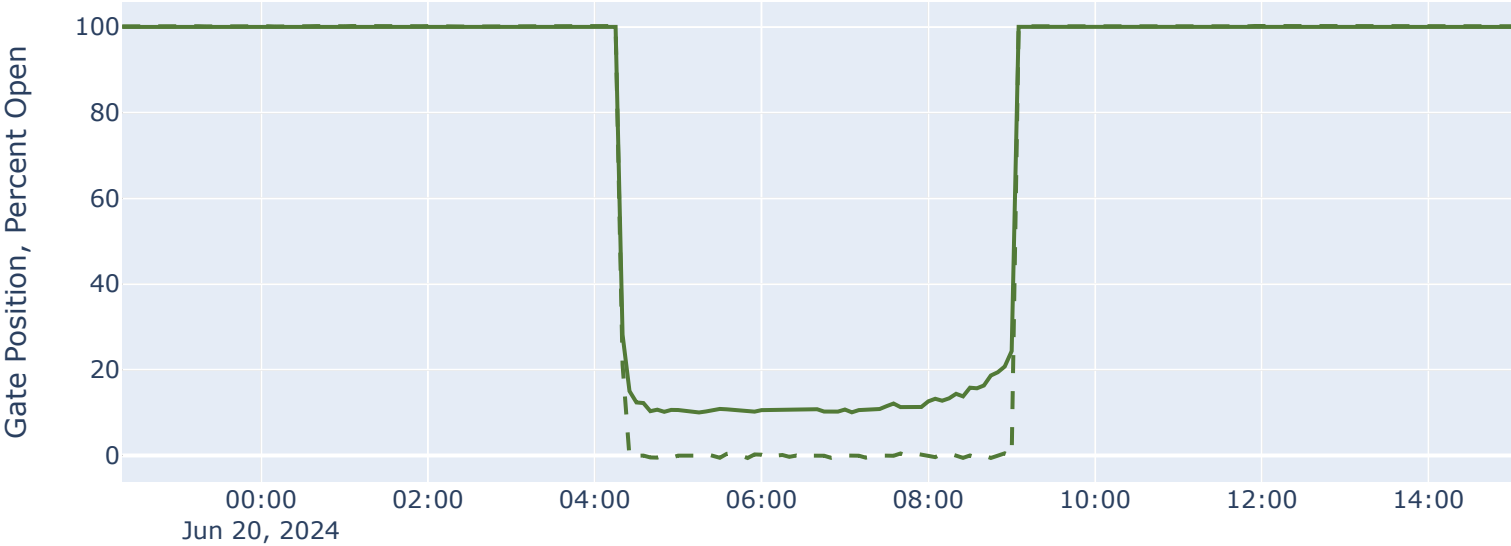
June 19, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	06/19/2024 22:20
Event End Date/Time	06/20/2024 15:00
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

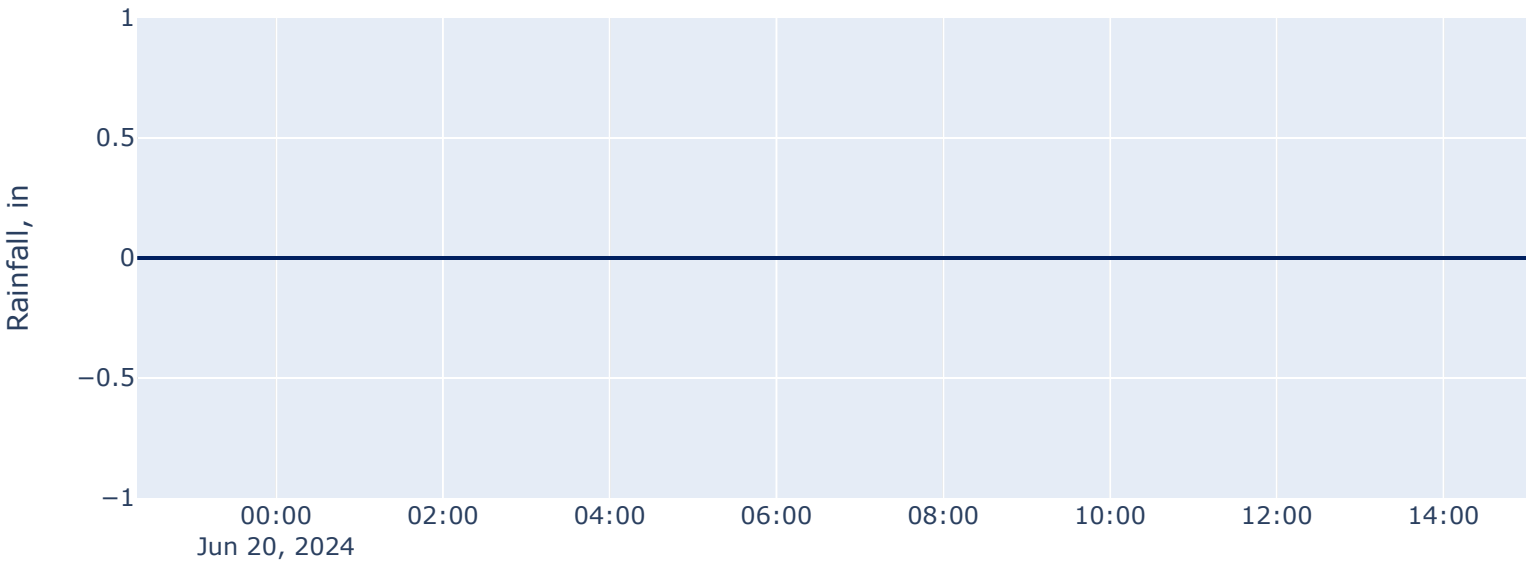
Overflow Data	Value
Overflow Volume Prevented (MG)	0.788
Percent Captured (%)	100
Unused Storage Volume (MG)	0.296
Overflow Before Storage Full	No
Storage Utilization (%)	73
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.8	1.8
Site Return to Normal Depth (ft)	1.22	1.22
Time Activated	06/20/2024 04:15	06/20/2024 04:15
Time Returned to Normal	06/20/2024 09:05	06/20/2024 09:05



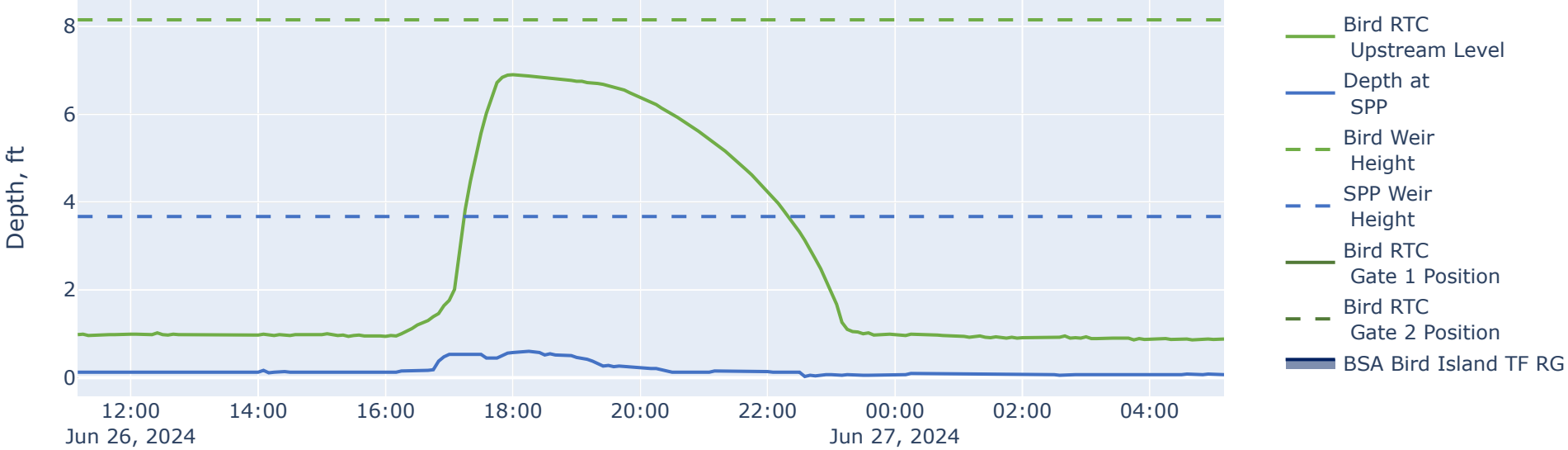
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.05
Volume Stored (MG)	0.788
Unused Storage Volume (MG)	0.296
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



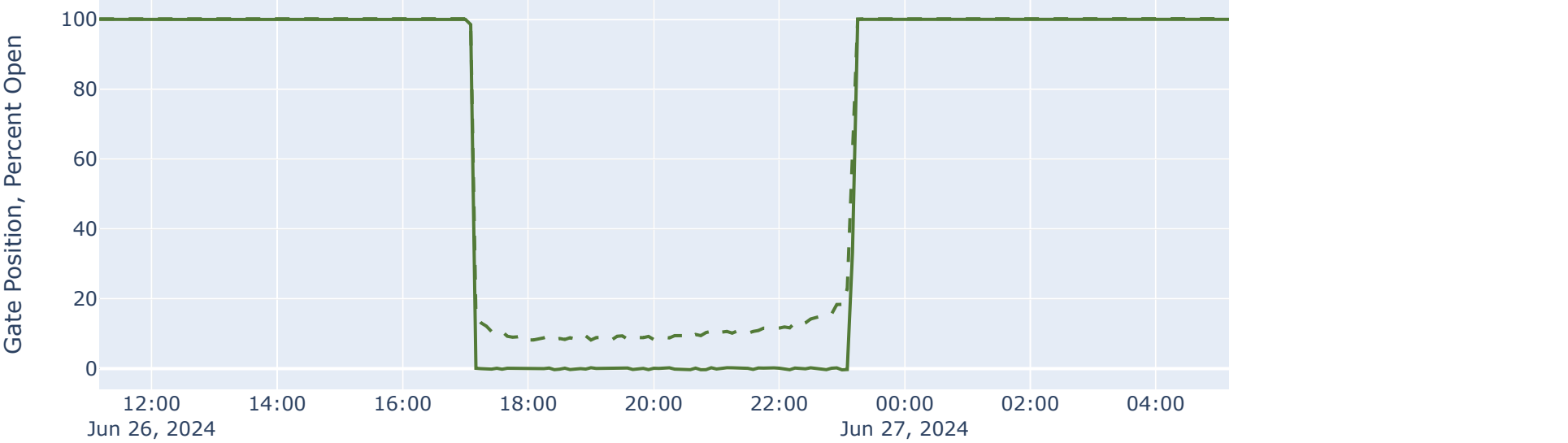
June 26, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	06/26/2024 11:10
Event End Date/Time	06/27/2024 05:10
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

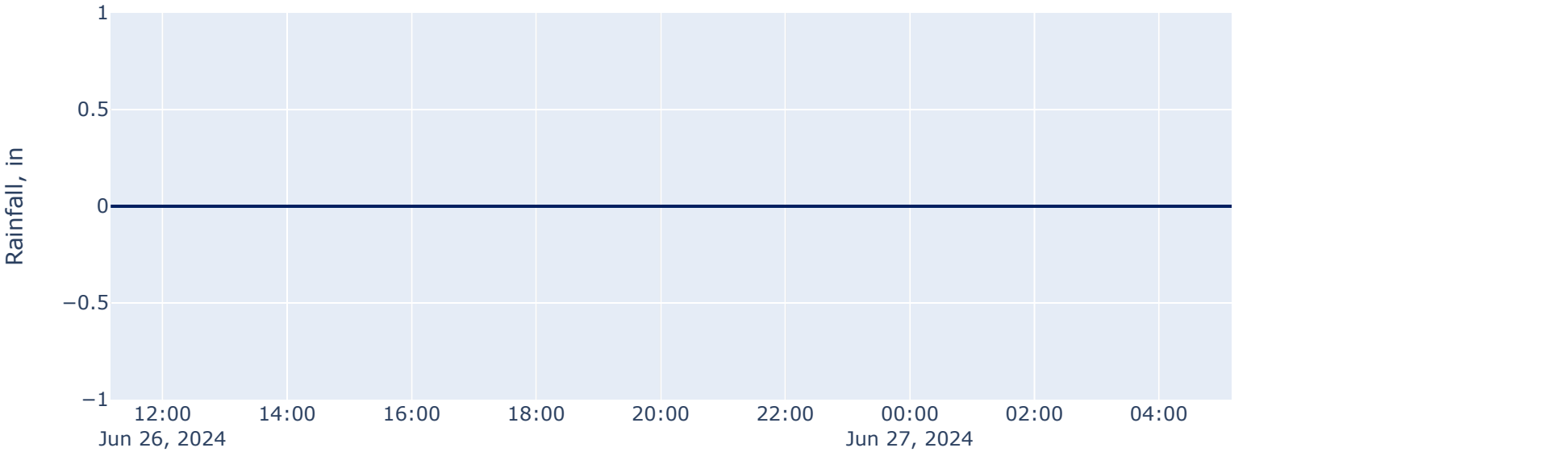
Overflow Data	Value
Overflow Volume Prevented (MG)	0.753
Percent Captured (%)	100
Unused Storage Volume (MG)	0.333
Overflow Before Storage Full	No
Storage Utilization (%)	69
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.76	1.76
Site Return to Normal Depth (ft)	1.1	1.1
Time Activated	06/26/2024 17:00	06/26/2024 17:00
Time Returned to Normal	06/26/2024 23:15	06/26/2024 23:15



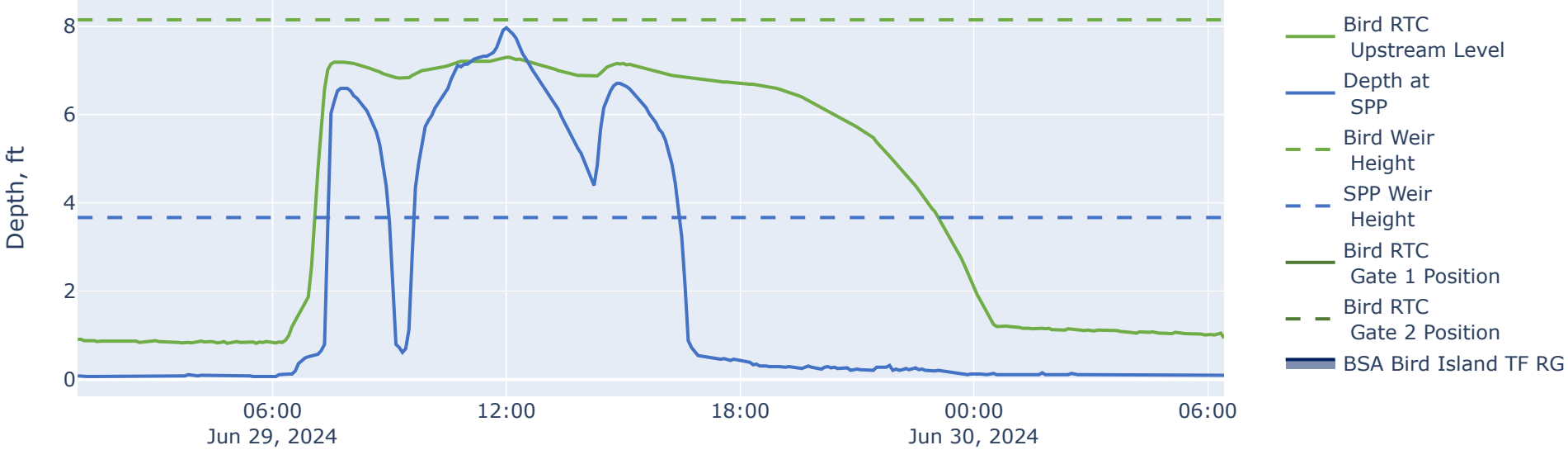
RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	6.9
Volume Stored (MG)	0.753
Unused Storage Volume (MG)	0.333
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



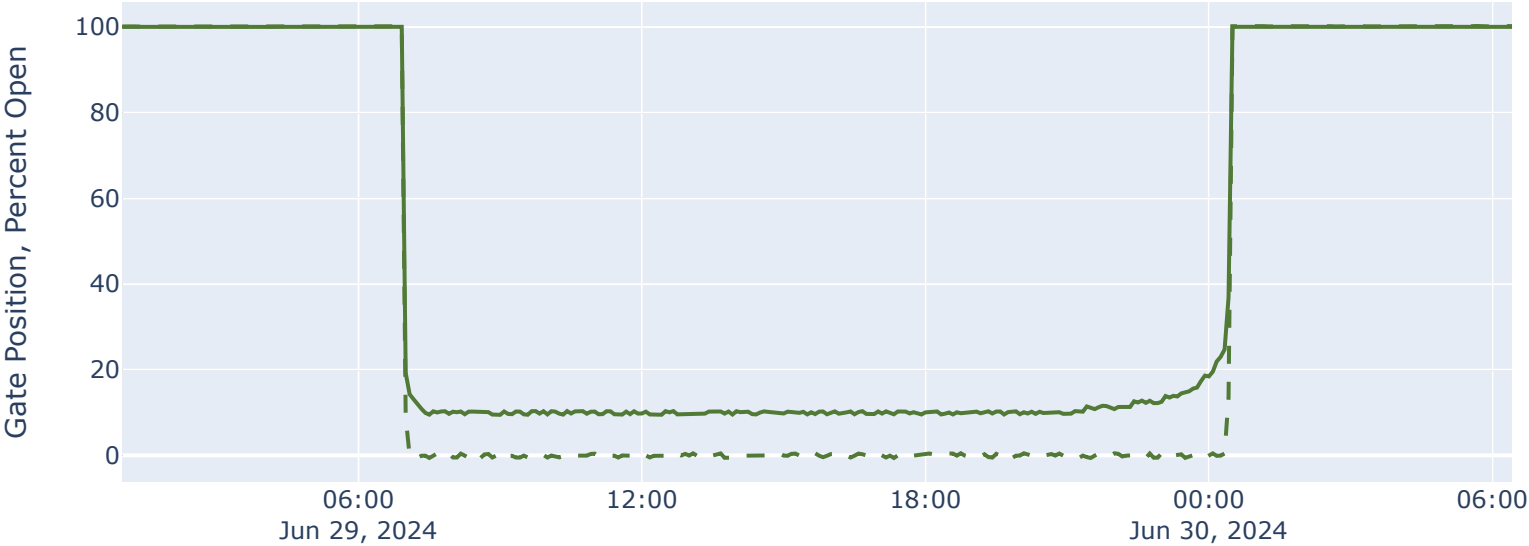
June 29, 2024 SPP013
RTC Site(s) Bird - v1.0.4

Event Data	Value
Event Start Date/Time	06/29/2024 01:00
Event End Date/Time	06/30/2024 06:25
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

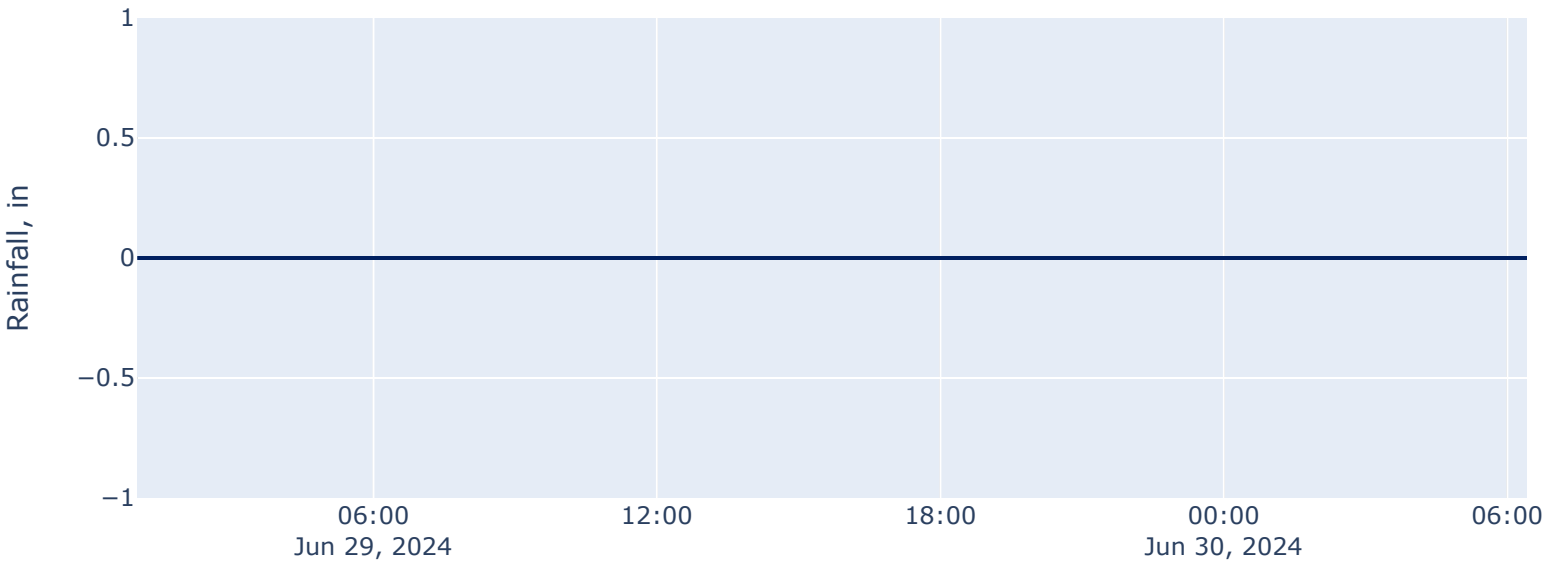
Overflow Data	Value
Overflow Volume Prevented (MG)	0.848
Percent Captured (%)	3
Unused Storage Volume (MG)	0.233
Overflow Before Storage Full	Yes
Storage Utilization (%)	78
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	23.548
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	23.548
Overflow Duration (hr)	8.92



RTC Sites	Bird Gate 1	Bird Gate 2
Site Depth at Activation (ft)	1.87	1.87
Site Return to Normal Depth (ft)	1.25	1.25
Time Activated	06/29/2024 06:55	06/29/2024 06:55
Time Returned to Normal	06/30/2024 00:30	06/30/2024 00:30

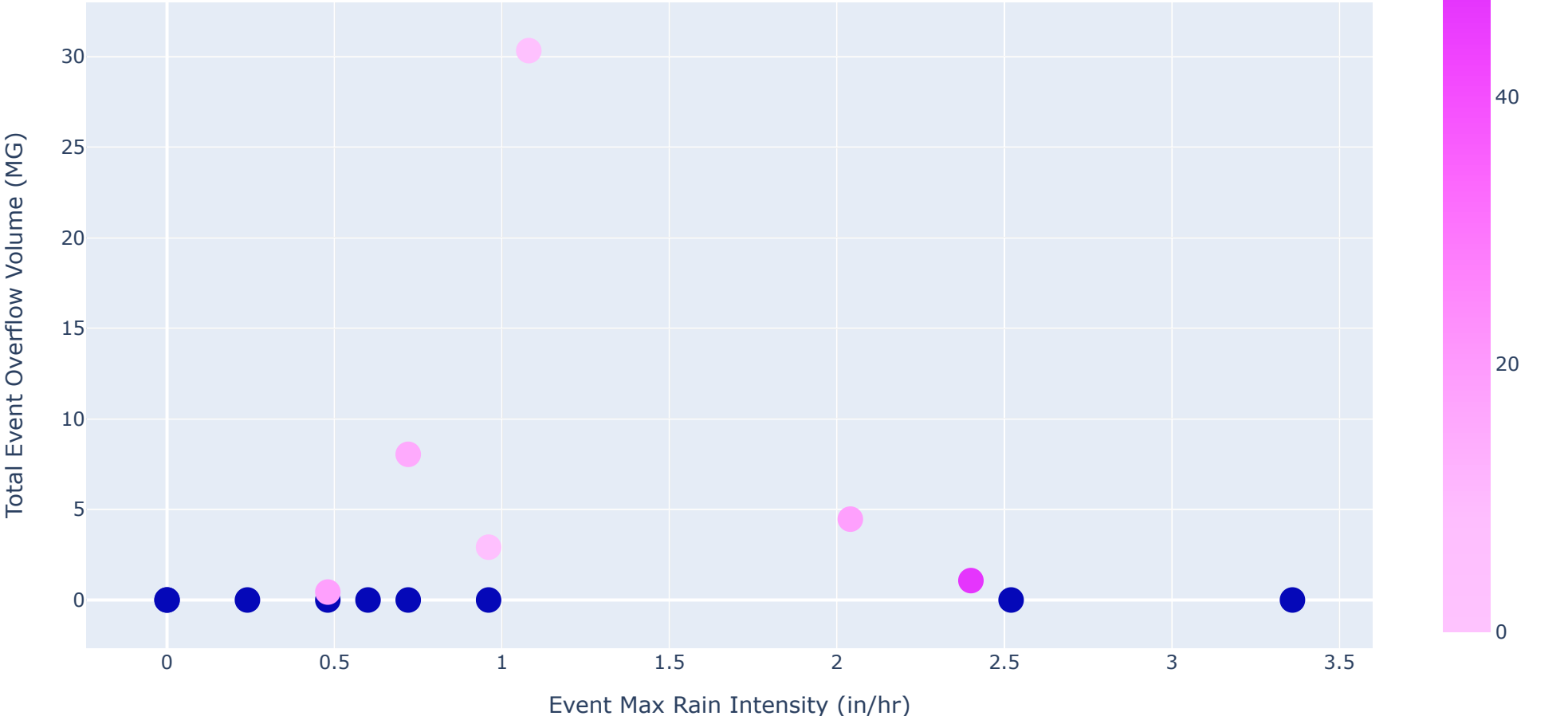
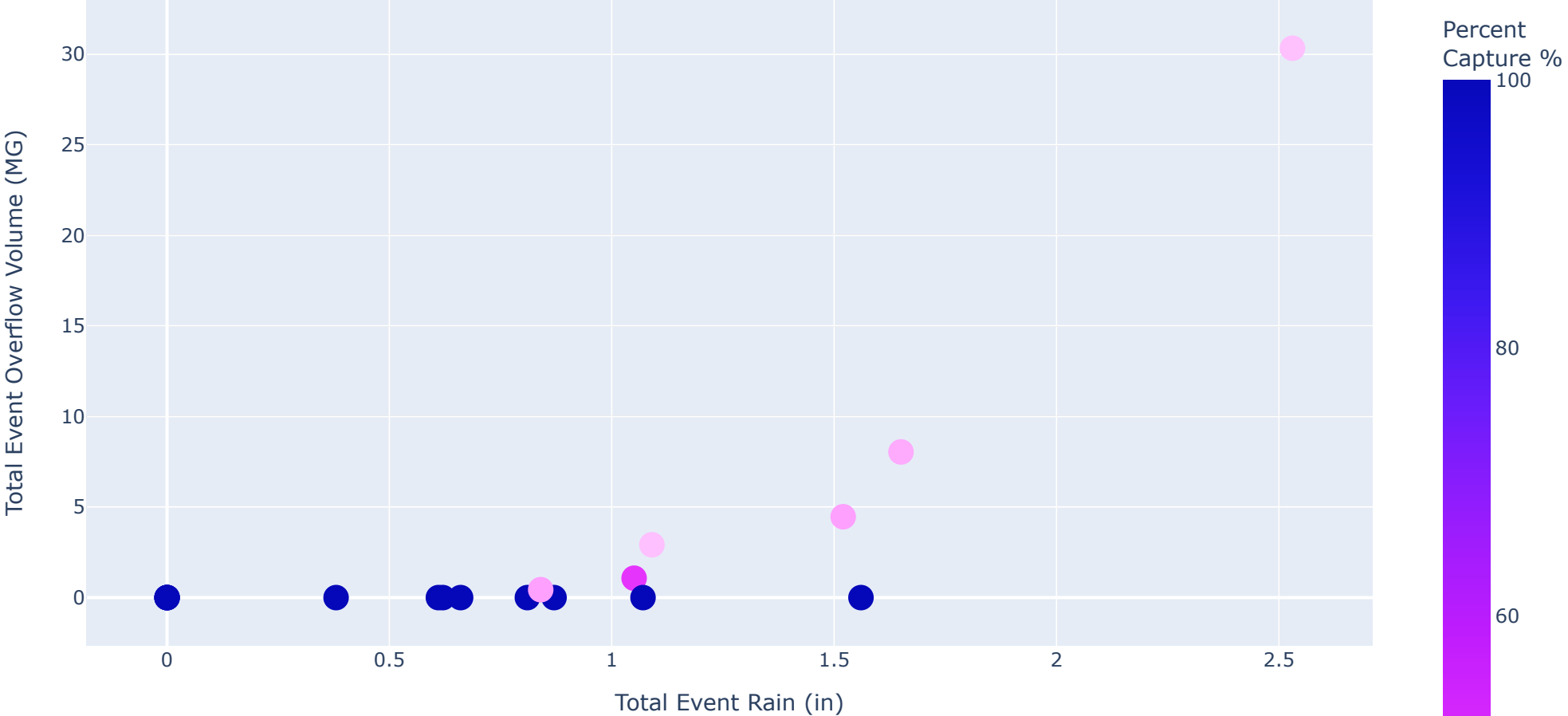


RTC Sites	Bird
Depth at Weir Crest (ft)	8.15
Maximum Depth Reached (ft)	7.3
Volume Stored (MG)	0.848
Unused Storage Volume (MG)	0.233
RTC Depth at Overflow Start (ft)	7.15
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes

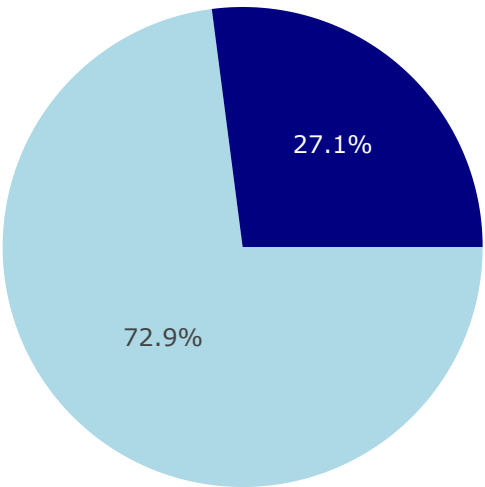
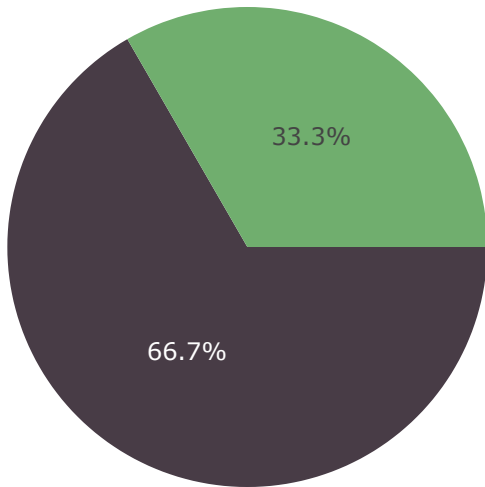


2024 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	7.0
Occurred SPP Overflow Volume (MG)	47.268
Number of Prevented SPP Overflow Events	11.0
Prevented SPP Overflow Volume (MG)	10.756
Total Observed Rain at BSA Smith Perry (in)	37.410



Jul2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

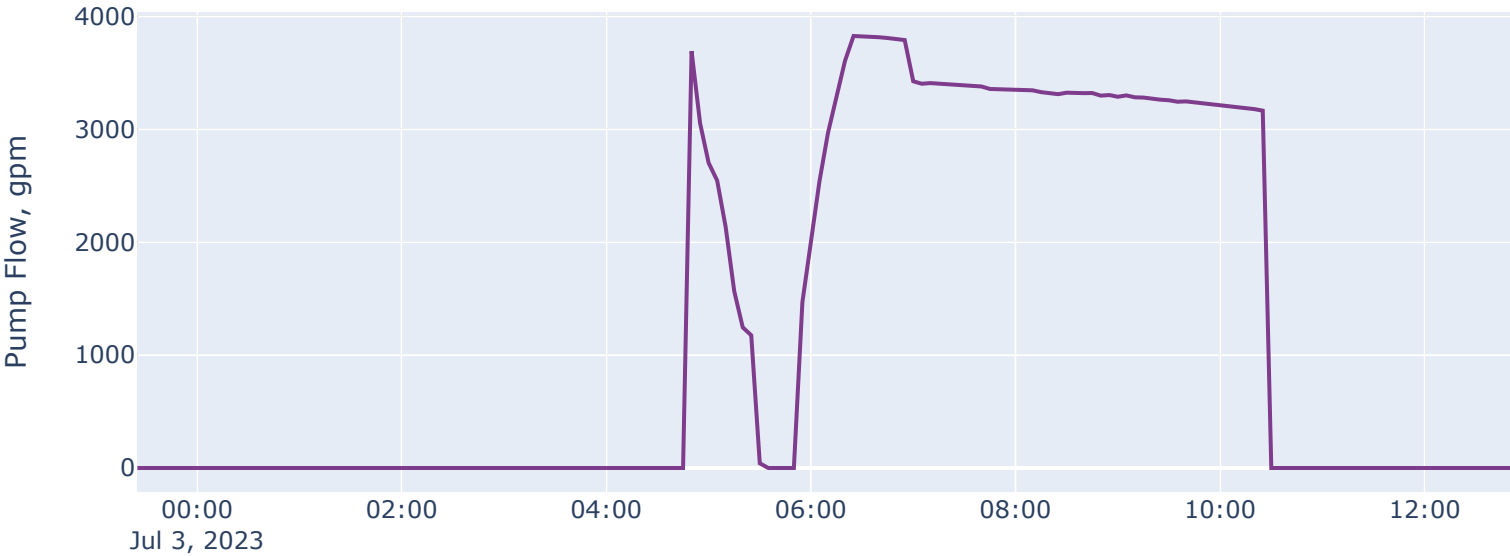
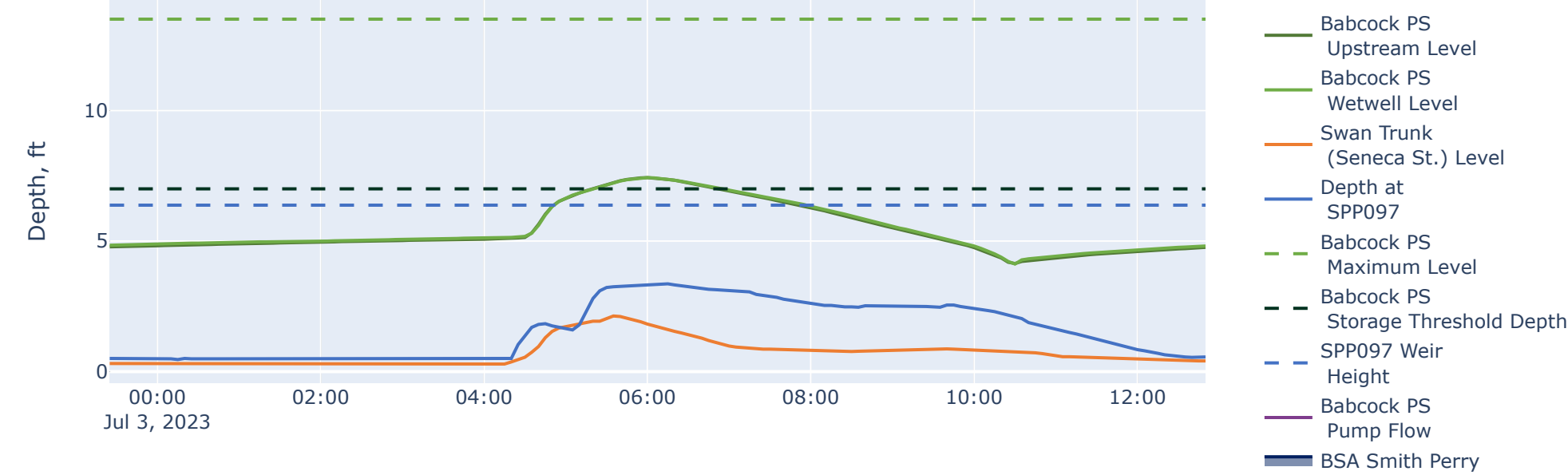
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
1	2	2.053	5.536	5.65

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 02, 2023	0.66	0.0	0.114	100	1.308	8	Poor
July 20, 2023	1.05	1.071	0.943	47	0.479	66	Poor
July 26, 2023	1.52	4.465	0.996	18	0.426	70	Poor

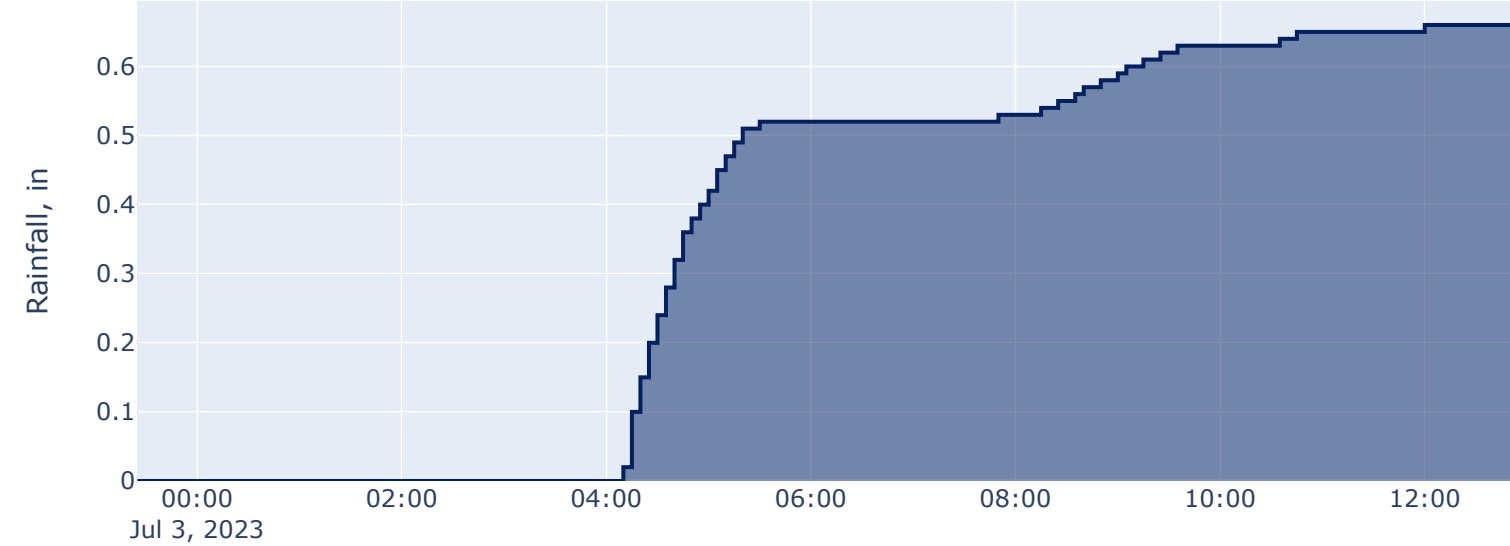
July 02, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	07/02/2023 23:25
Event End Date/Time	07/03/2023 12:50
Total Rainfall Accumulation (in)	0.66
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	7.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	0.114
Percent Captured (%)	100
Unused Storage Volume (MG)	1.308
Overflow Before Storage Full	No
Storage Utilization (%)	8
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



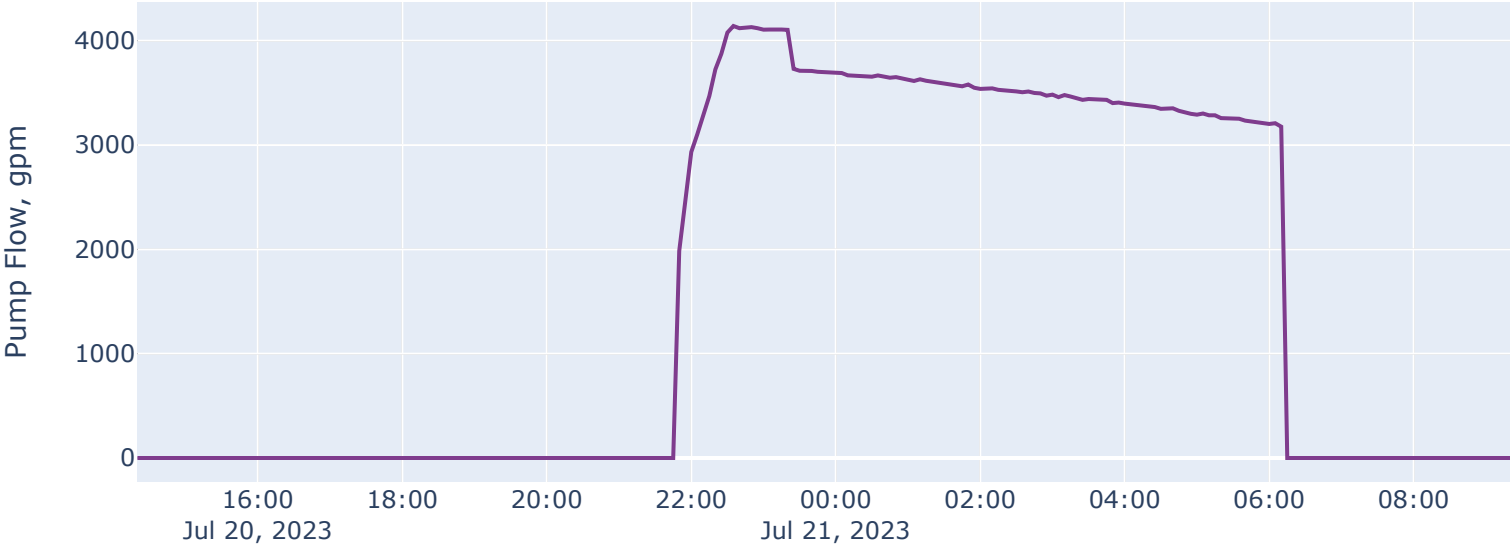
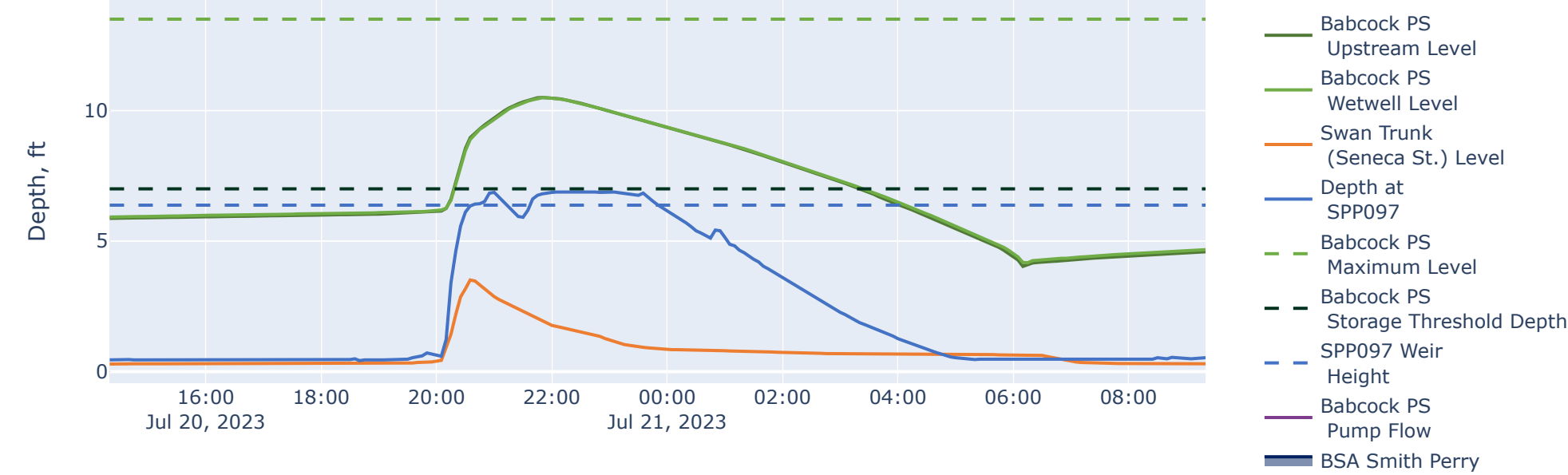
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.43
Volume Stored (MG)	0.114
Unused Storage Volume (MG)	1.308
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



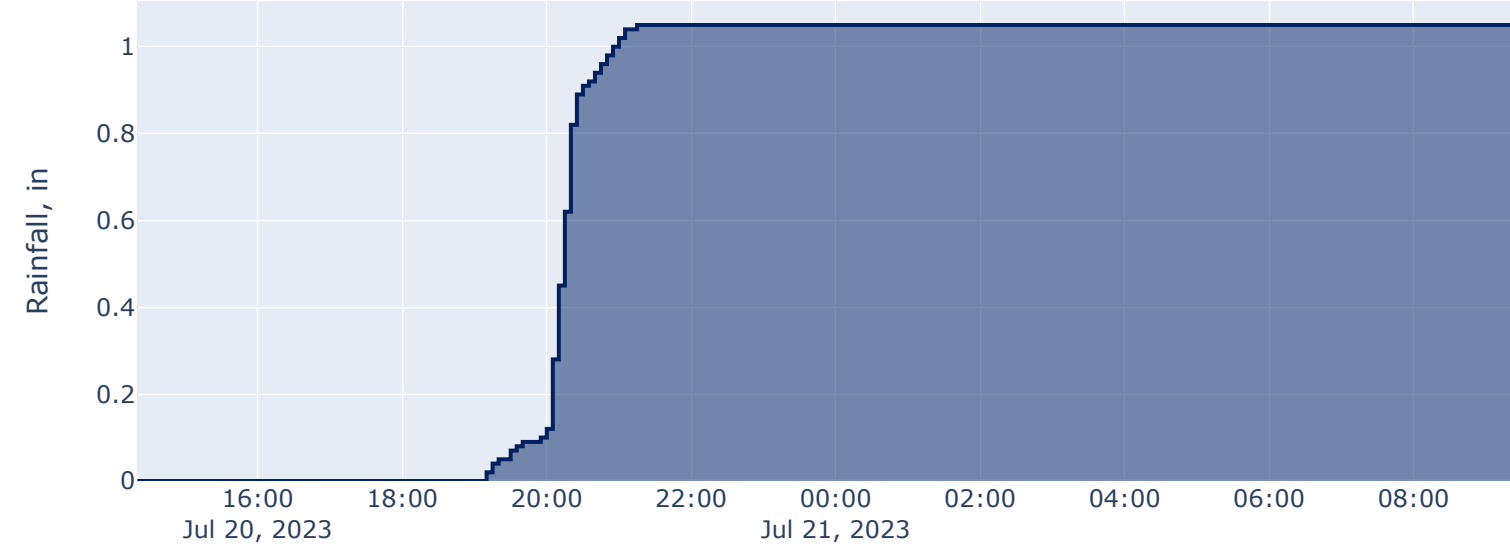
July 20, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	07/20/2023 14:20
Event End Date/Time	07/21/2023 09:20
Total Rainfall Accumulation (in)	1.05
Maximum Rainfall Intensity (in/hr)	2.4
Storm Event Duration (hr)	2.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	0.943
Percent Captured (%)	47
Unused Storage Volume (MG)	0.479
Overflow Before Storage Full	Yes
Storage Utilization (%)	66
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.071
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.071
Overflow Duration (hr)	3.17



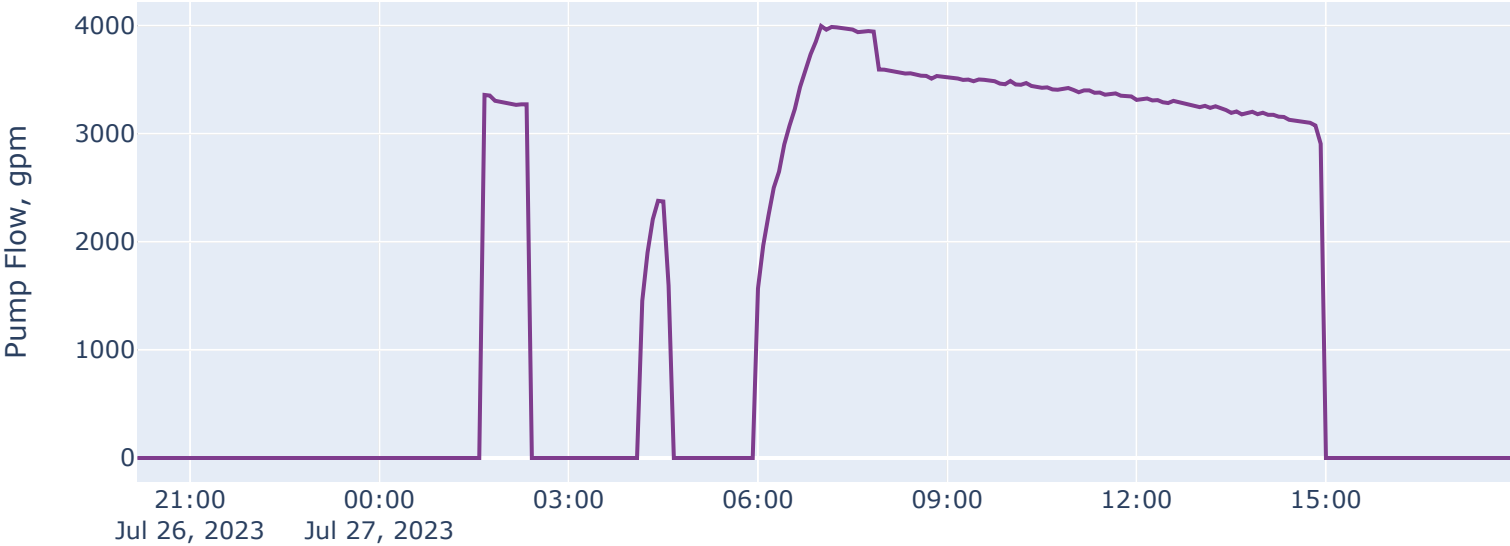
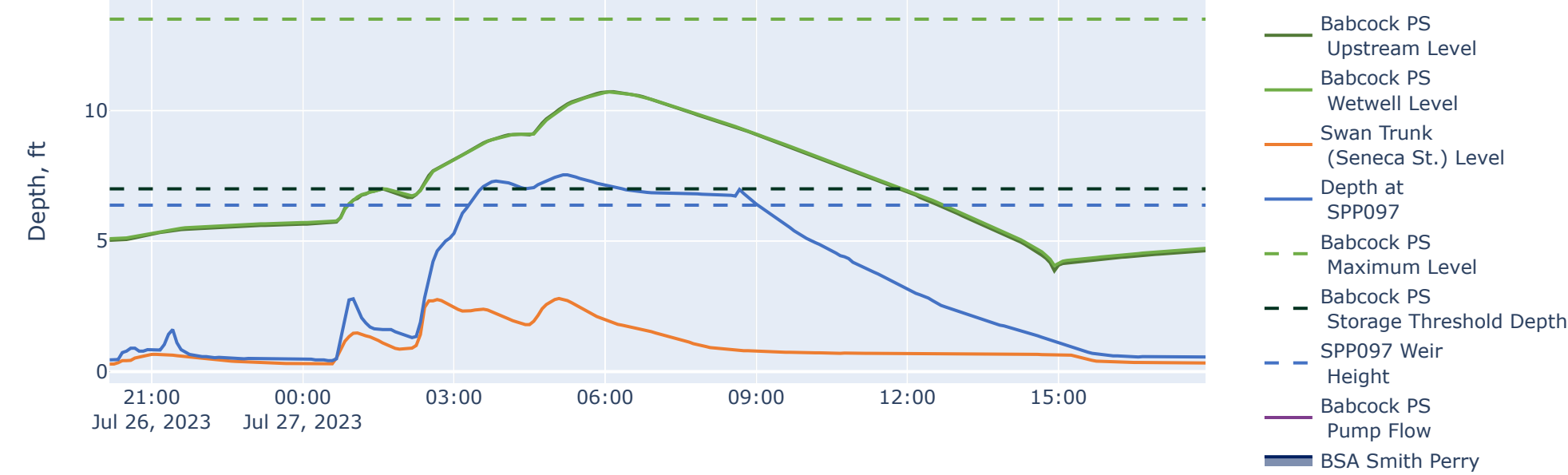
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	10.49
Volume Stored (MG)	0.943
Unused Storage Volume (MG)	0.479
RTC Depth at Overflow Start (ft)	9.11
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



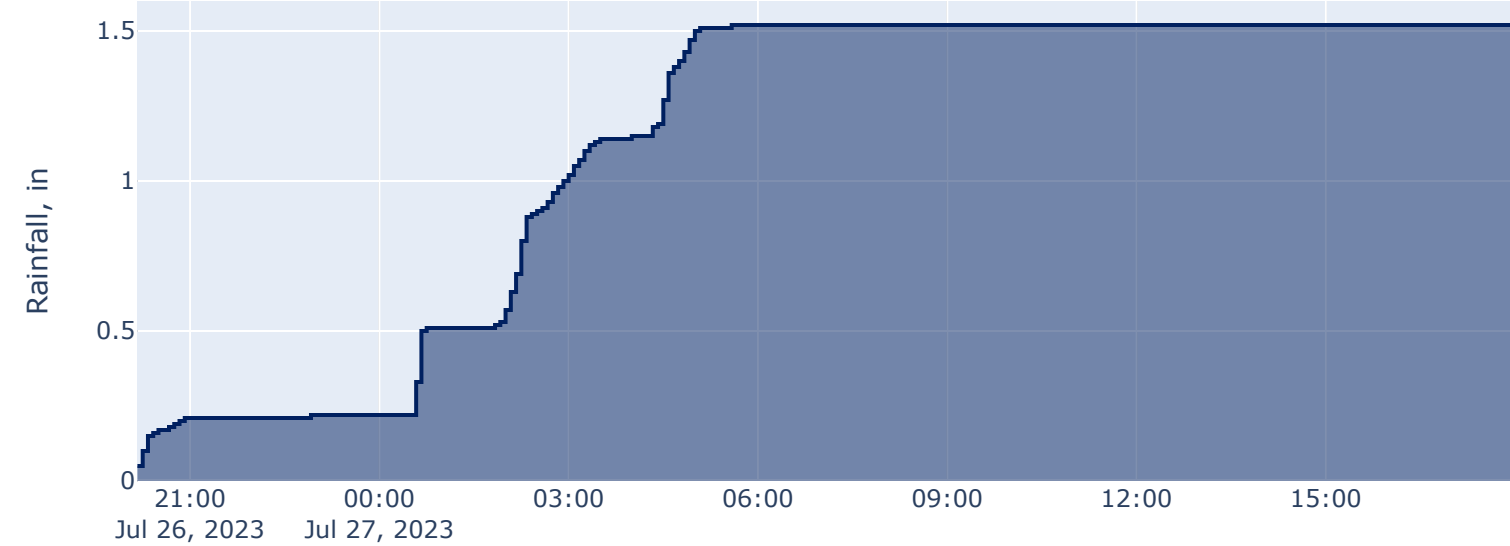
July 26, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	07/26/2023 20:10
Event End Date/Time	07/27/2023 17:55
Total Rainfall Accumulation (in)	1.52
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	9.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

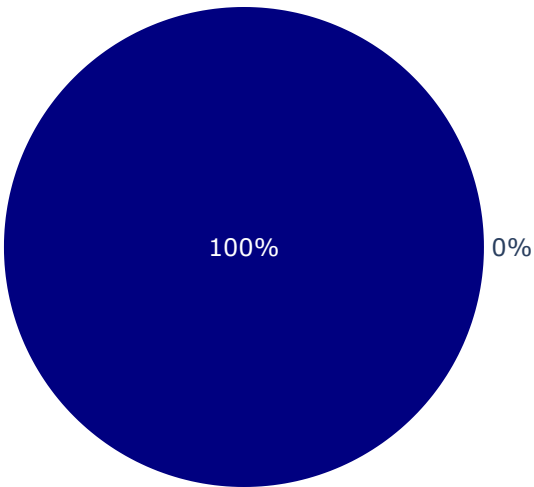
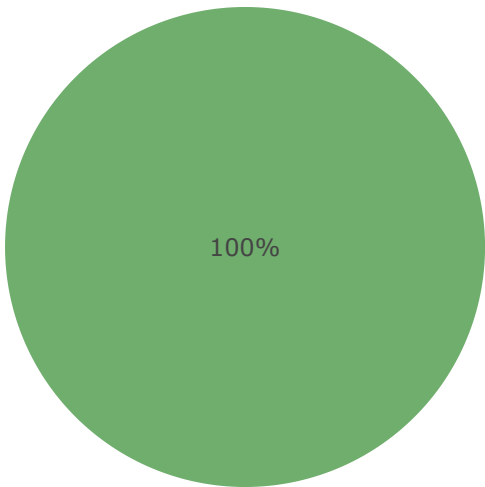
Overflow Data	Value
Overflow Volume Prevented (MG)	0.996
Percent Captured (%)	18
Unused Storage Volume (MG)	0.426
Overflow Before Storage Full	Yes
Storage Utilization (%)	70
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.465
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.465
Overflow Duration (hr)	5.67



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	10.71
Volume Stored (MG)	0.996
Unused Storage Volume (MG)	0.426
RTC Depth at Overflow Start (ft)	8.47
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



Aug2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

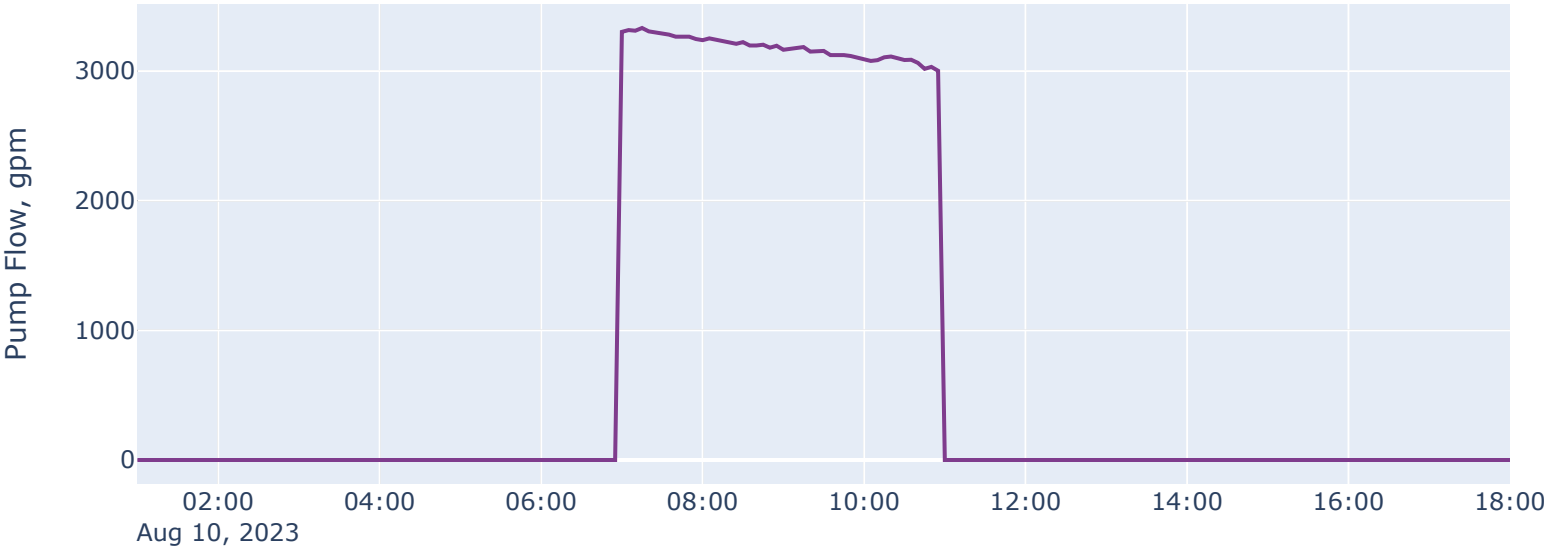
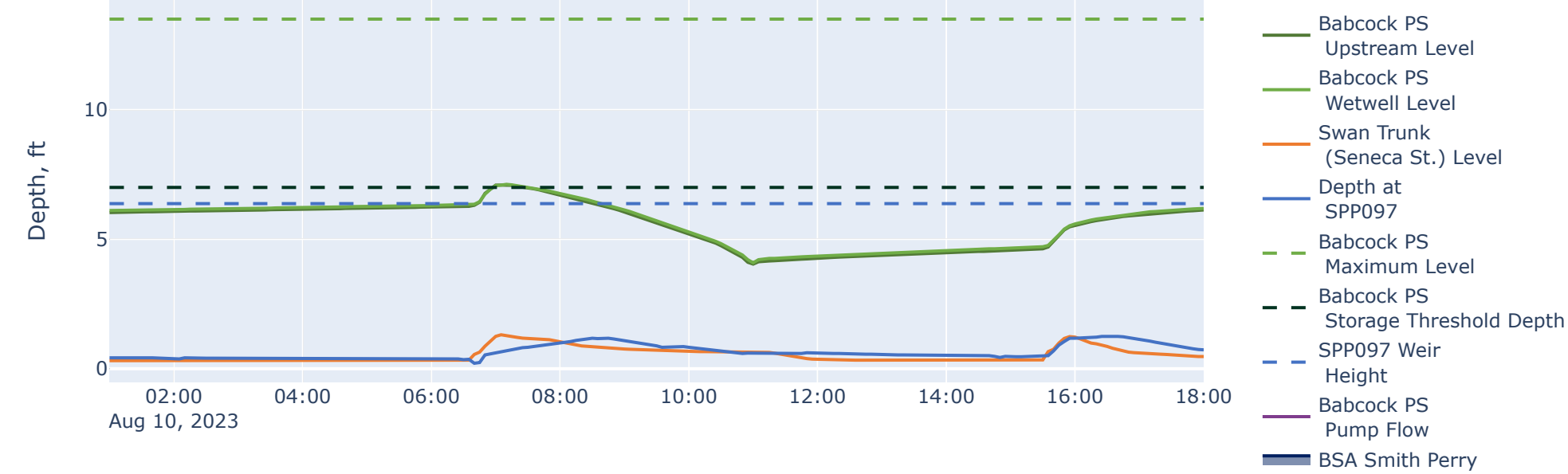
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
2	0	0.274	0.0	3.72

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
August 10, 2023	0.62	0.0	0.031	100	1.391	2	Poor
August 24, 2023	0.61	0.0	0.243	100	1.179	17	Poor

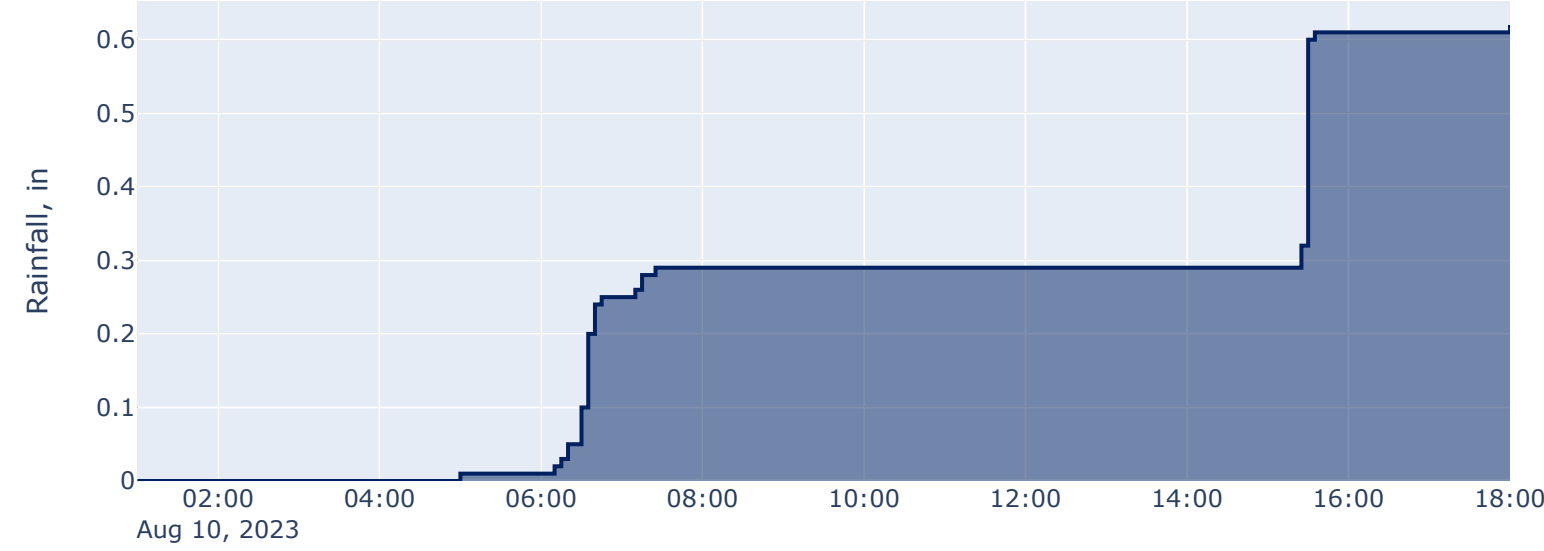
August 10, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	08/10/2023 01:00
Event End Date/Time	08/10/2023 18:00
Total Rainfall Accumulation (in)	0.62
Maximum Rainfall Intensity (in/hr)	3.36
Storm Event Duration (hr)	5.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	0.031
Percent Captured (%)	100
Unused Storage Volume (MG)	1.391
Overflow Before Storage Full	No
Storage Utilization (%)	2
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



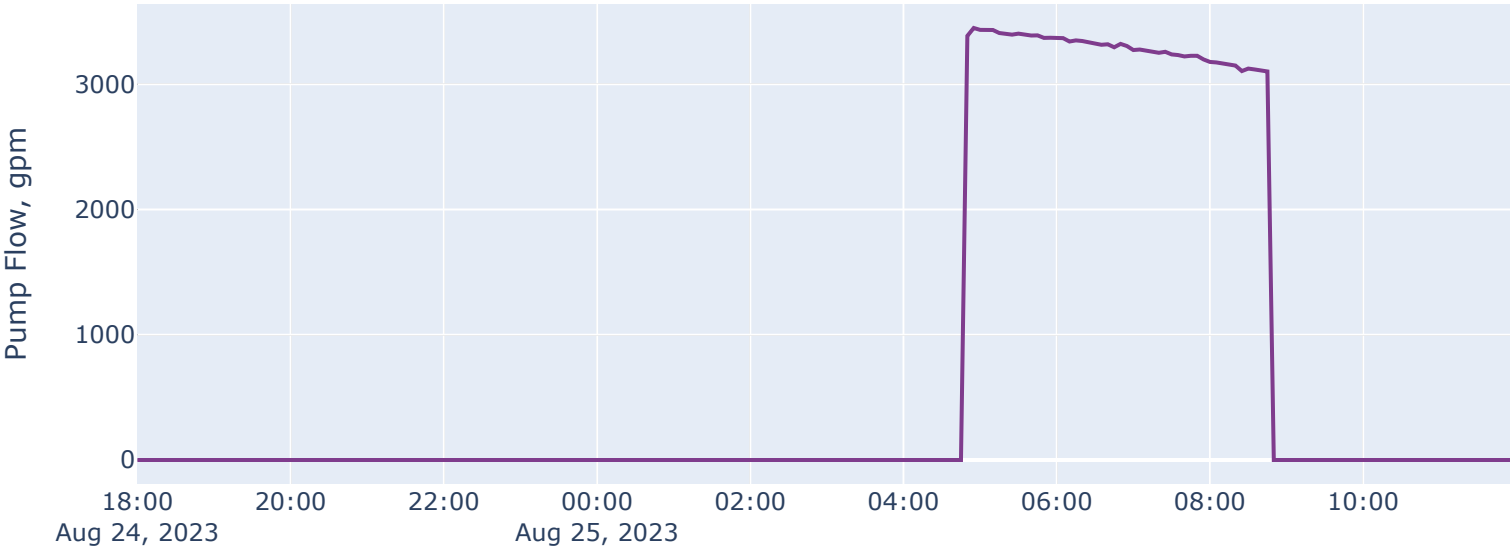
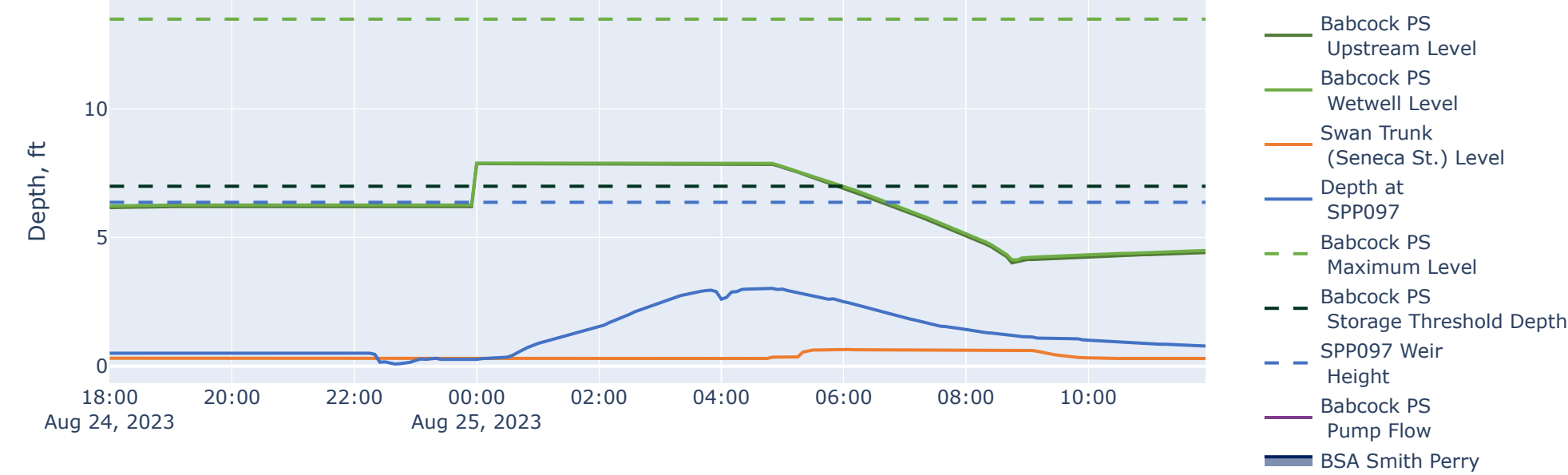
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.12
Volume Stored (MG)	0.031
Unused Storage Volume (MG)	1.391
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



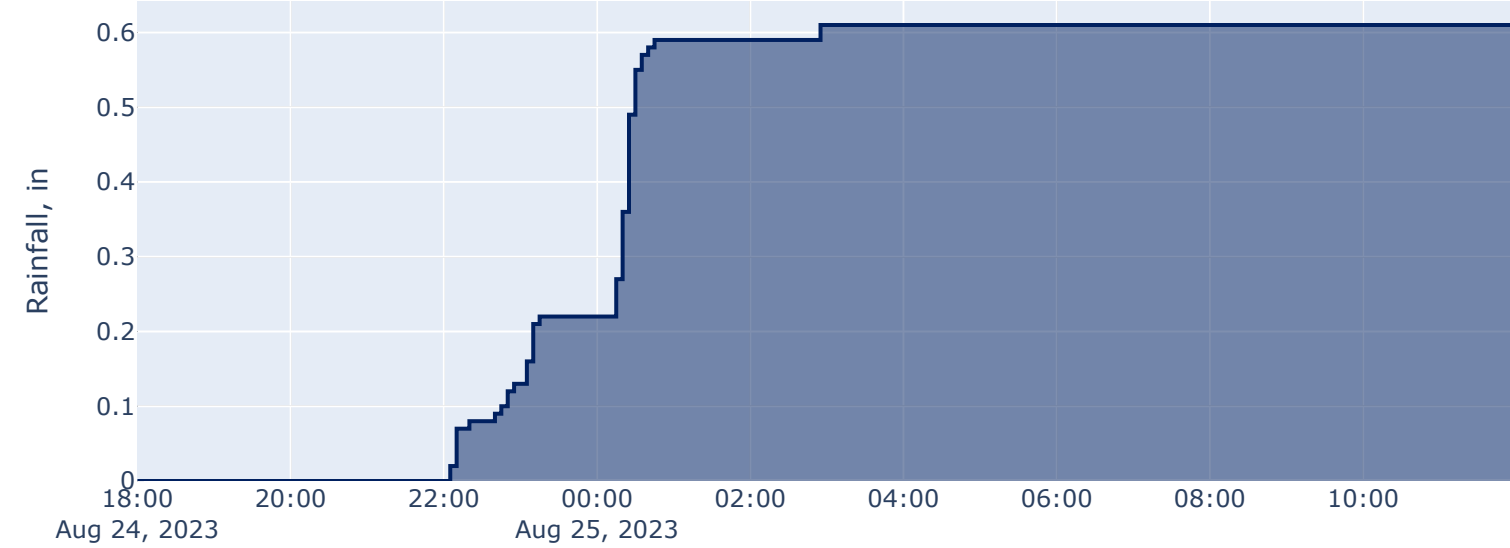
August 24, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	08/24/2023 18:00
Event End Date/Time	08/25/2023 11:55
Total Rainfall Accumulation (in)	0.61
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	flatline

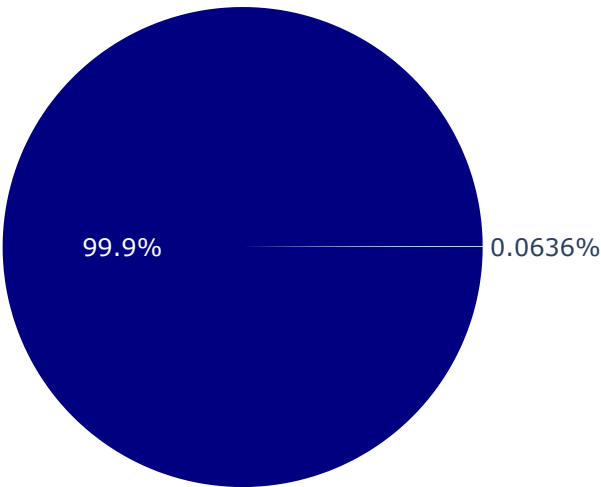
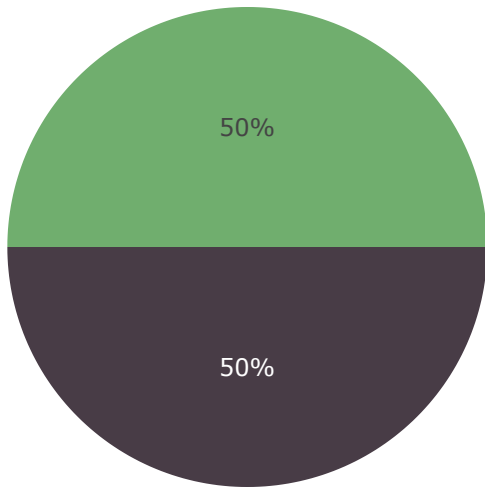
Overflow Data	Value
Overflow Volume Prevented (MG)	0.243
Percent Captured (%)	100
Unused Storage Volume (MG)	1.179
Overflow Before Storage Full	No
Storage Utilization (%)	17
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.9
Volume Stored (MG)	0.243
Unused Storage Volume (MG)	1.179
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Sep2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

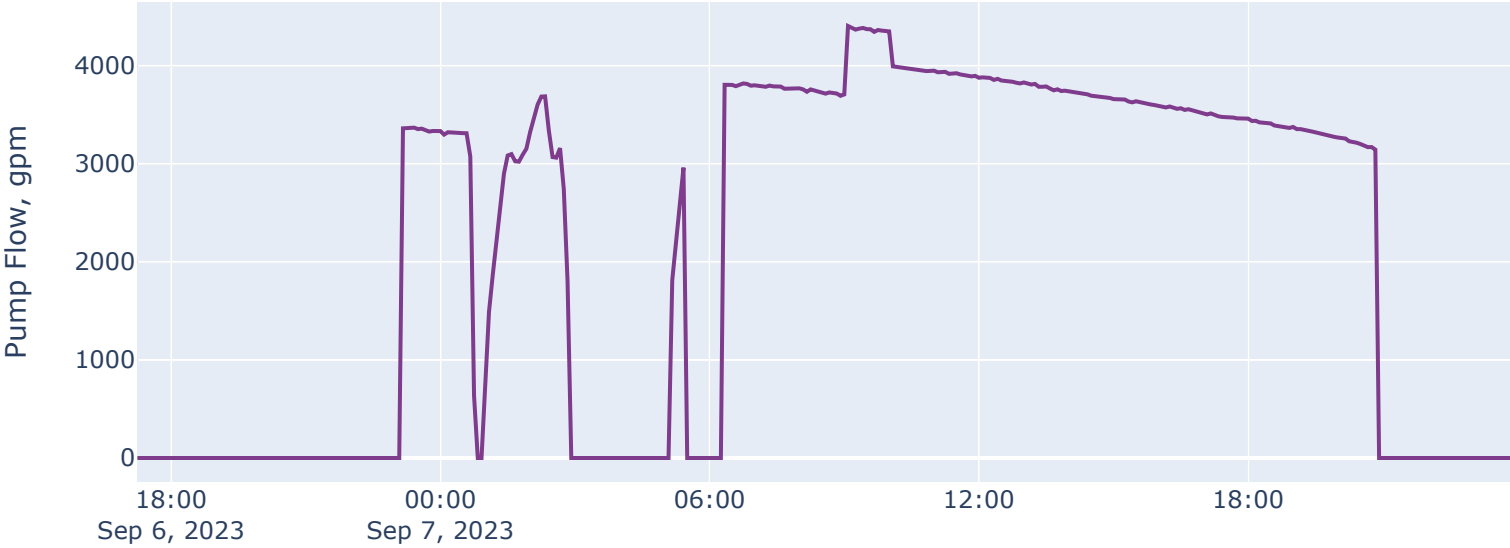
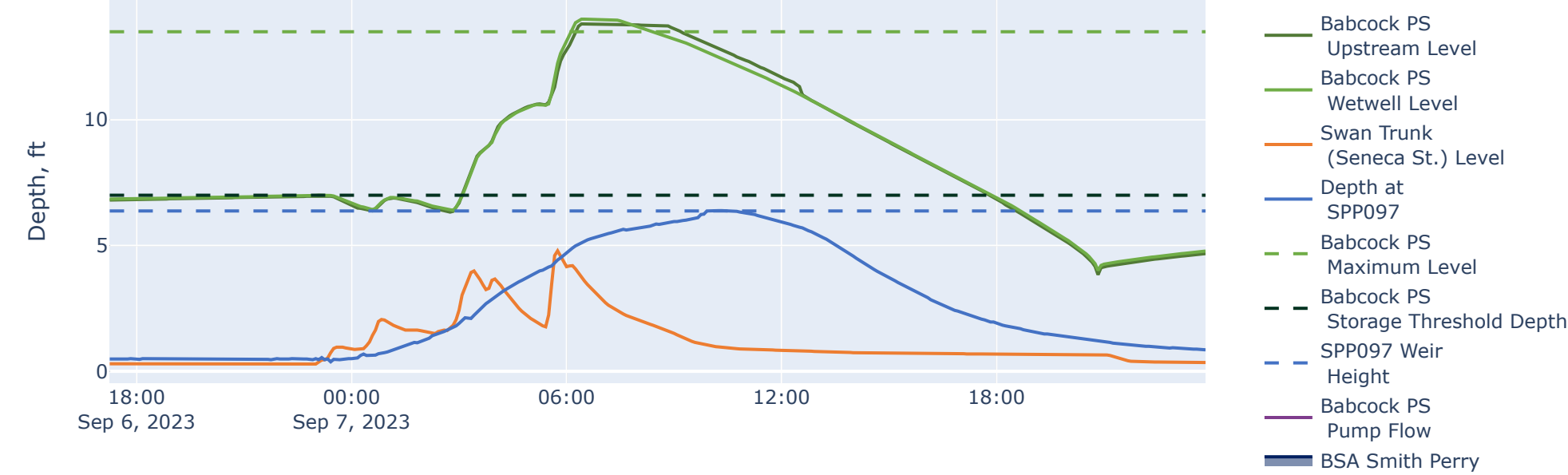
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
1	1	1.571	0.001	0.0

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
September 06, 2023	0.0	0.001	1.422	100	0.0	100	Poor
September 17, 2023	0.0	0.0	0.149	100	1.273	10	Poor

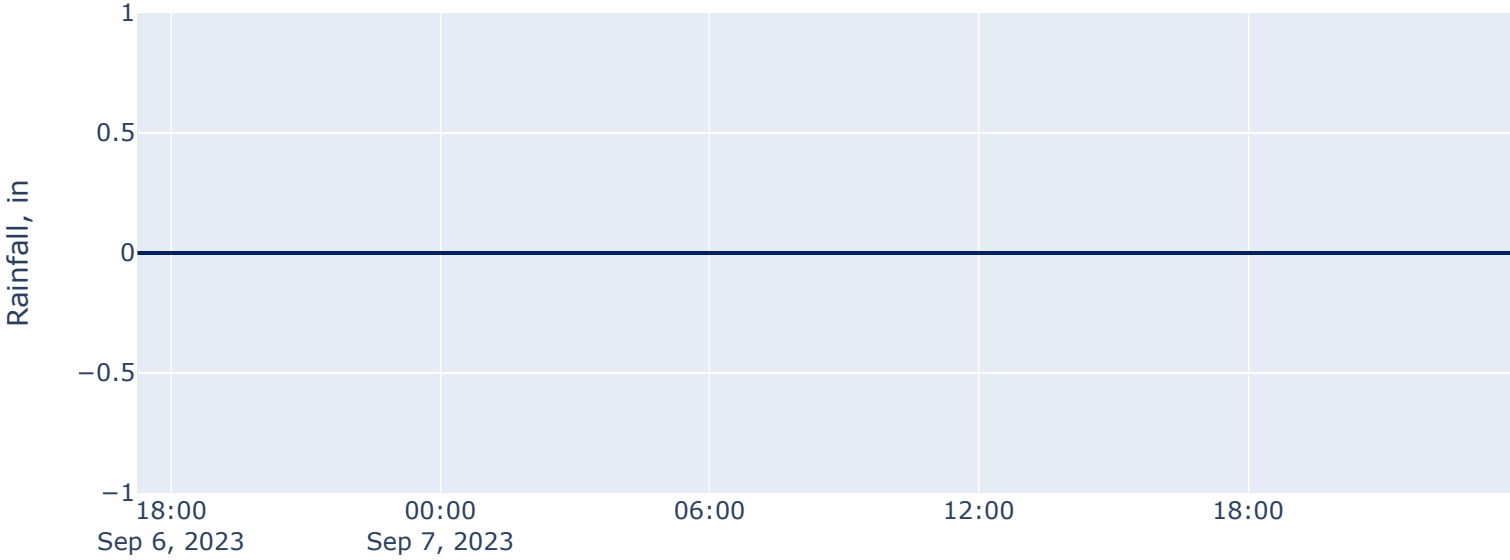
September 06, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	09/06/2023 17:15
Event End Date/Time	09/07/2023 23:50
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	1.422
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.001
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.001
Overflow Duration (hr)	0.42



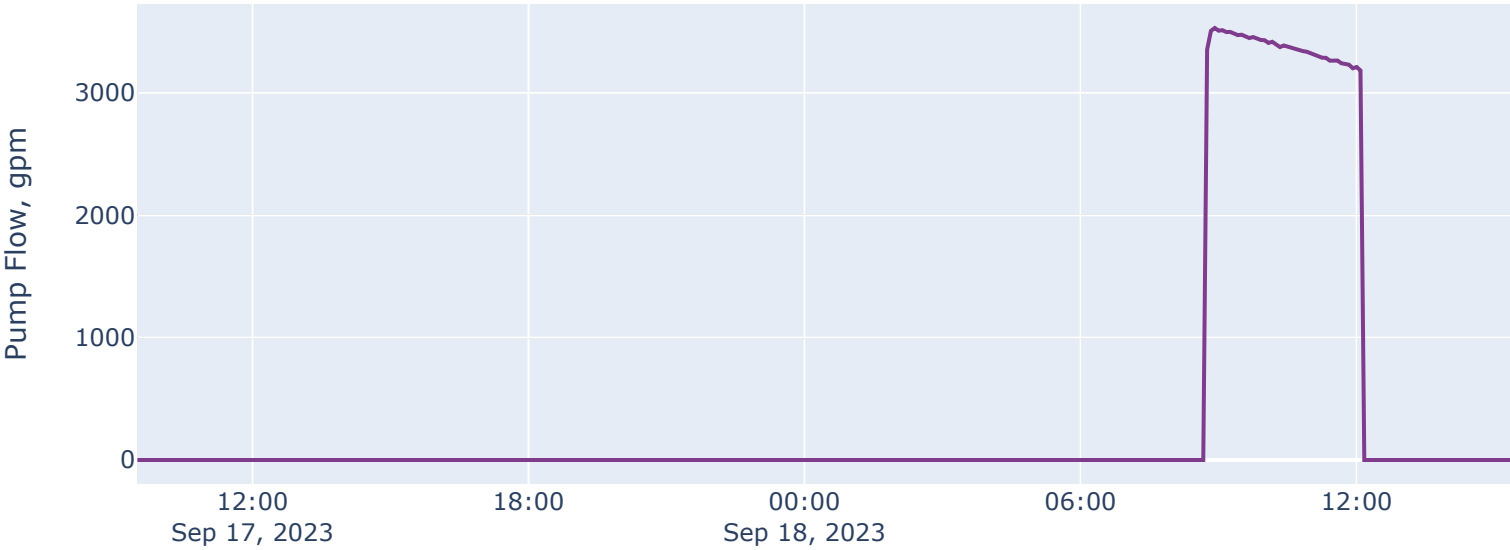
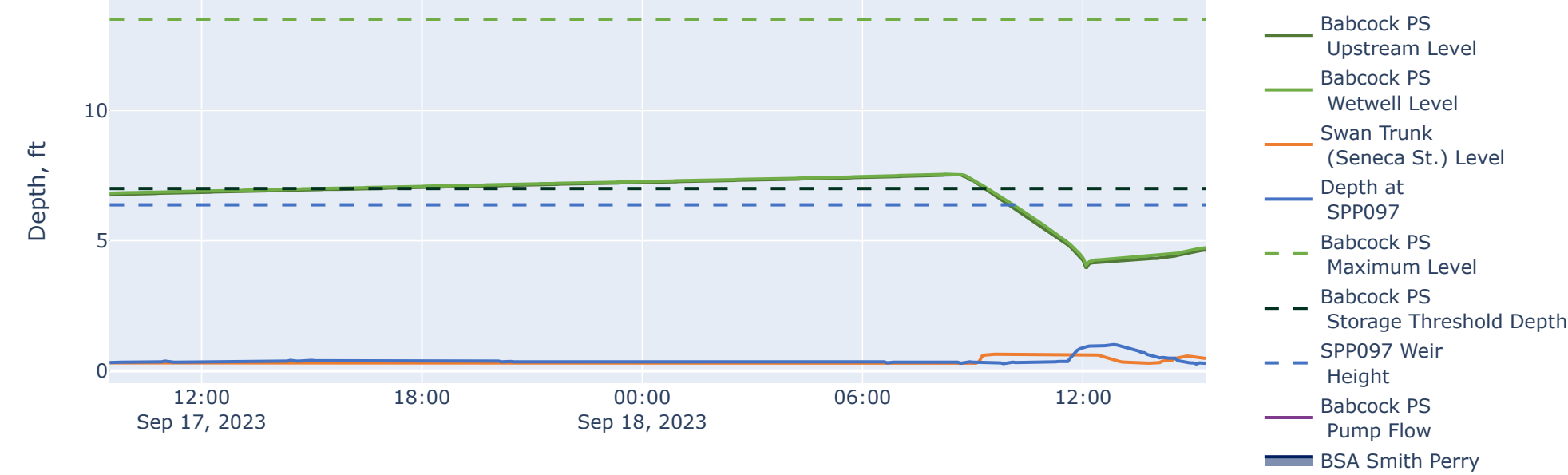
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	13.5
Volume Stored (MG)	1.422
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	12.62
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



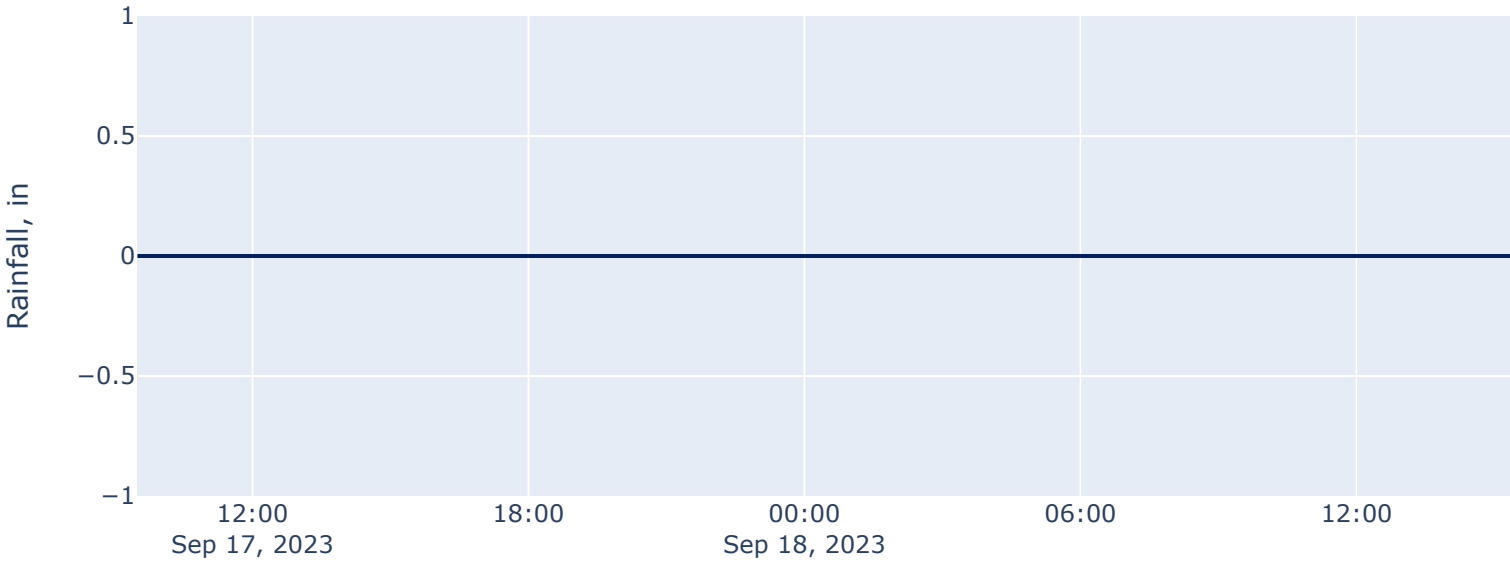
September 17, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	09/17/2023 09:30
Event End Date/Time	09/18/2023 15:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	flatline

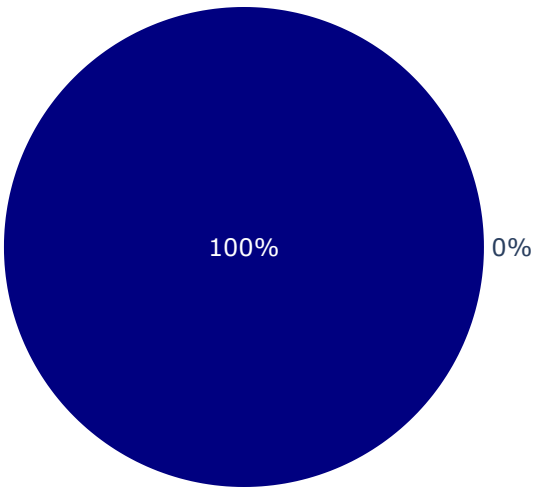
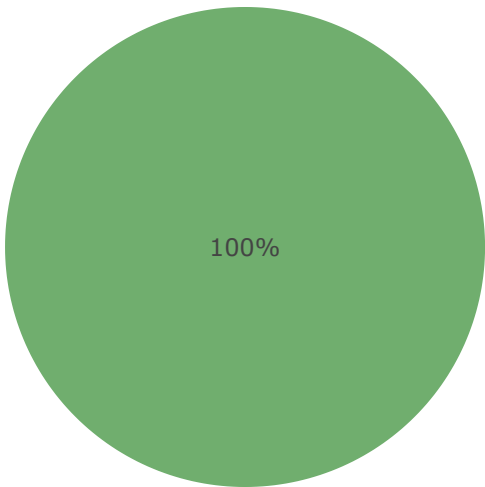
Overflow Data	Value
Overflow Volume Prevented (MG)	0.149
Percent Captured (%)	100
Unused Storage Volume (MG)	1.273
Overflow Before Storage Full	No
Storage Utilization (%)	10
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.56
Volume Stored (MG)	0.149
Unused Storage Volume (MG)	1.273
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Oct2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

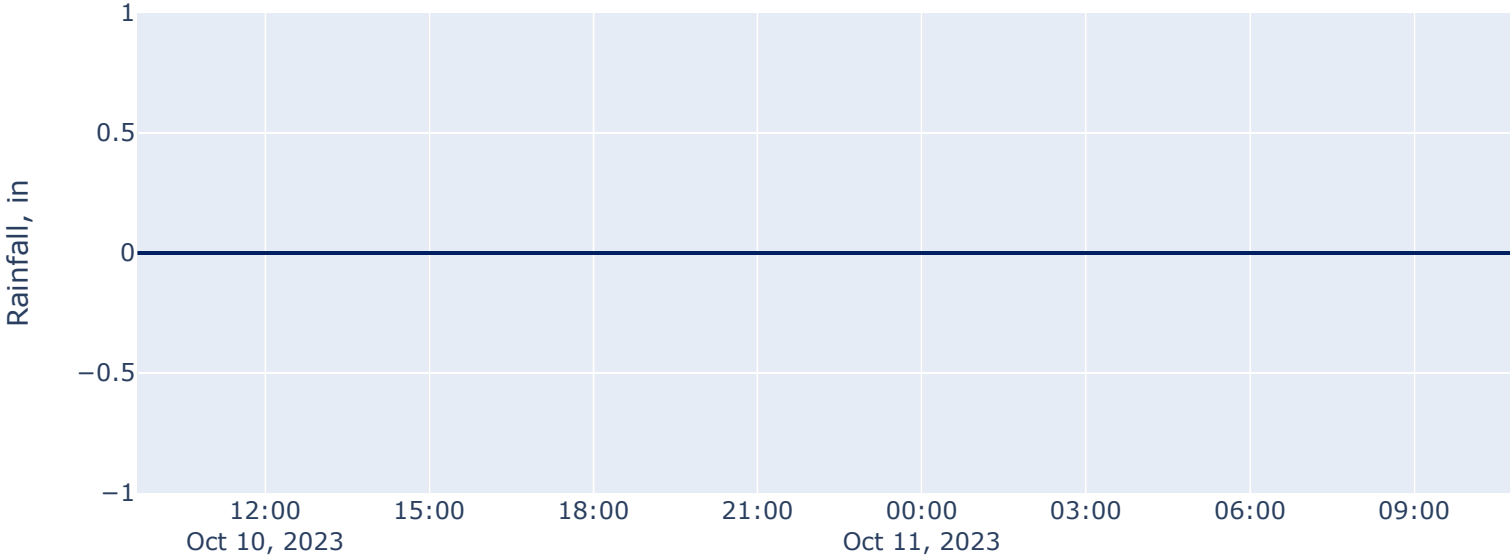
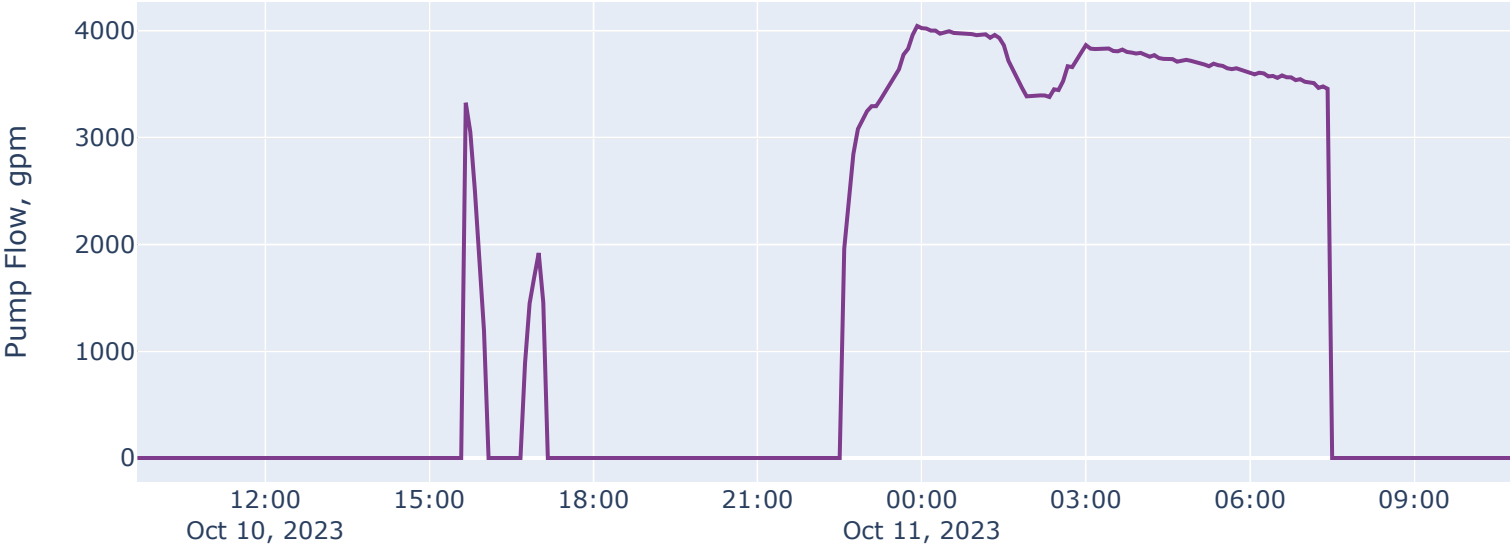
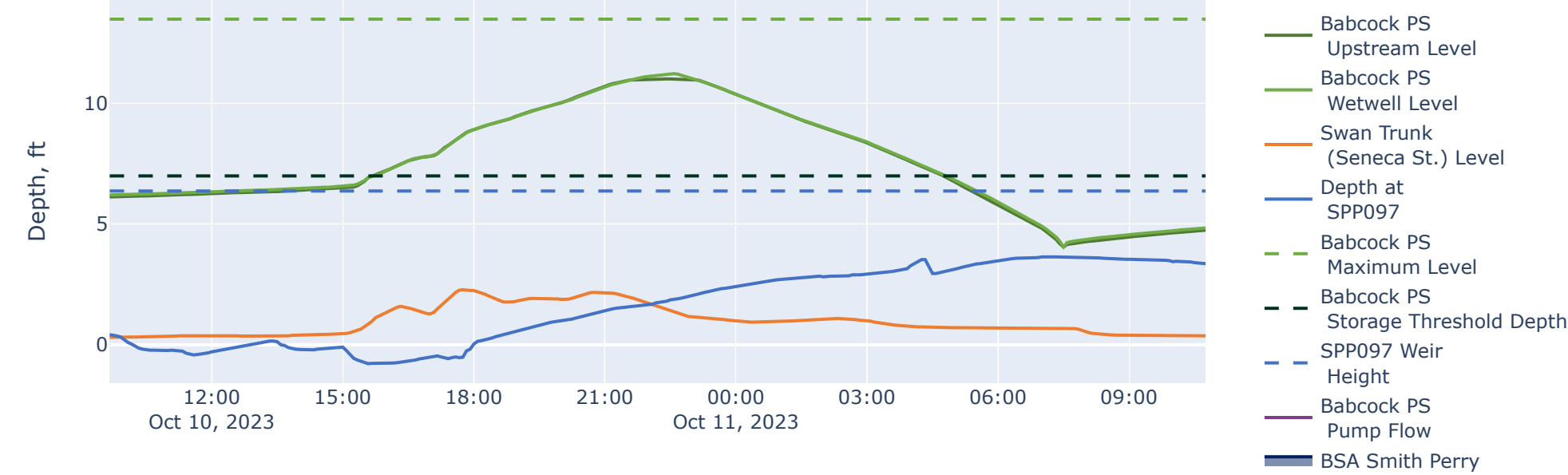
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
2	0	1.381	0.0	0.06

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
October 10, 2023	0.0	0.0	1.116	100	0.306	78	Poor
October 17, 2023	0.0	0.0	0.265	100	1.157	19	Poor

October 10, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	10/10/2023 09:40
Event End Date/Time	10/11/2023 10:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	1.116
Percent Captured (%)	100
Unused Storage Volume (MG)	0.306
Overflow Before Storage Full	No
Storage Utilization (%)	78
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

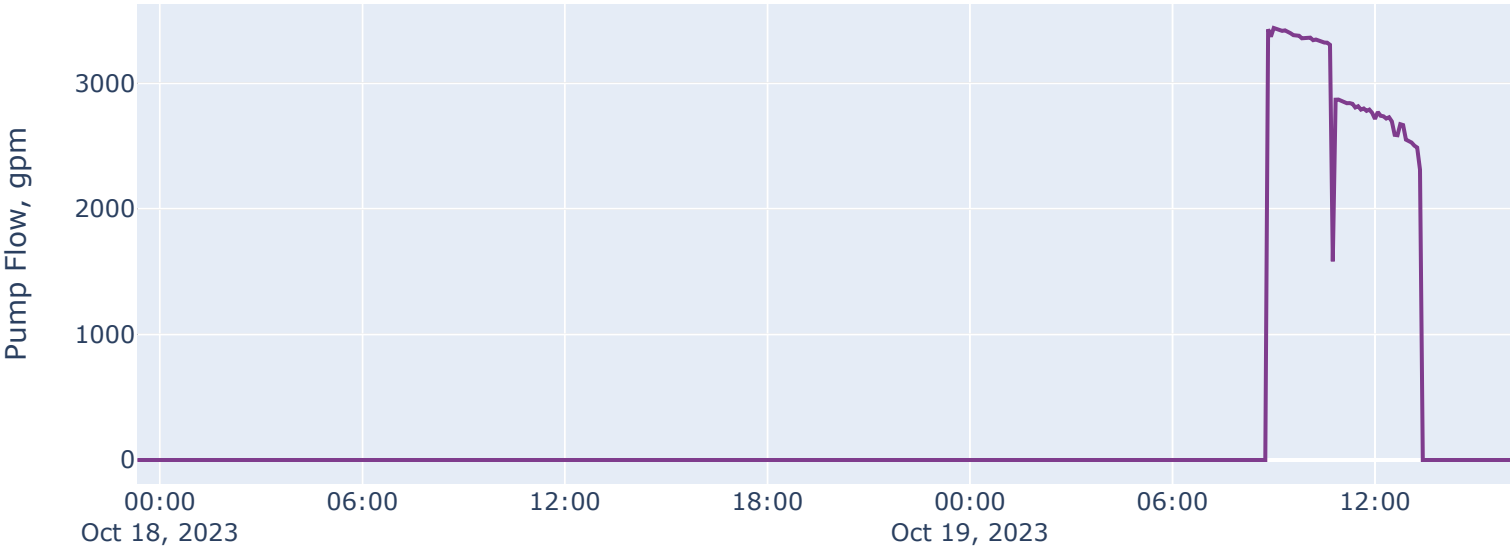
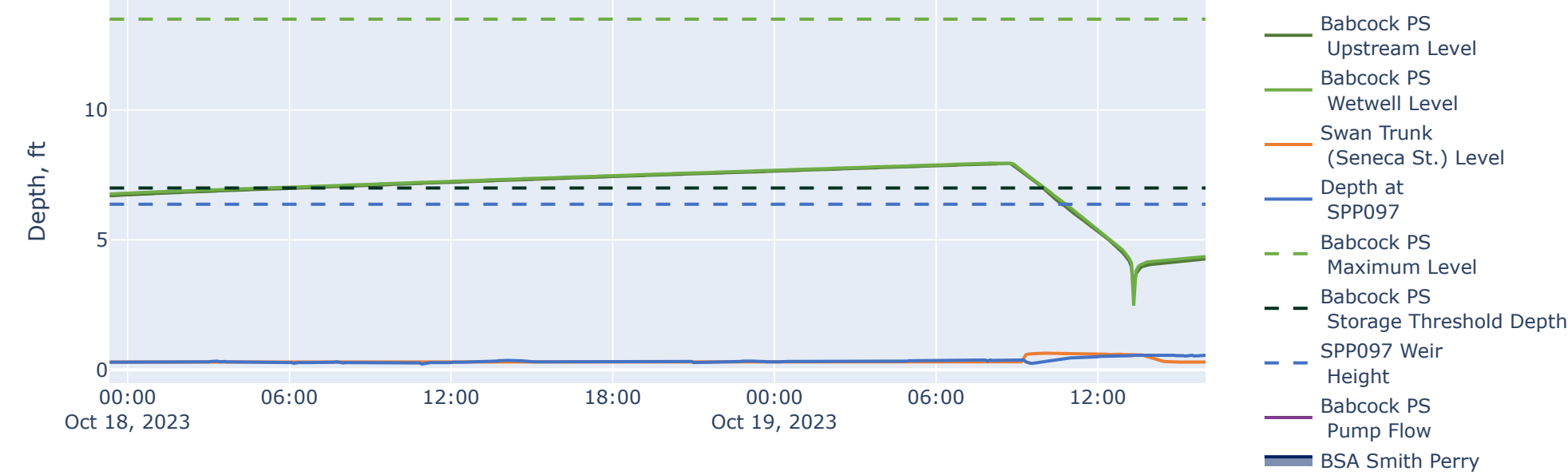


RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	11.25
Volume Stored (MG)	1.116
Unused Storage Volume (MG)	0.306
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No

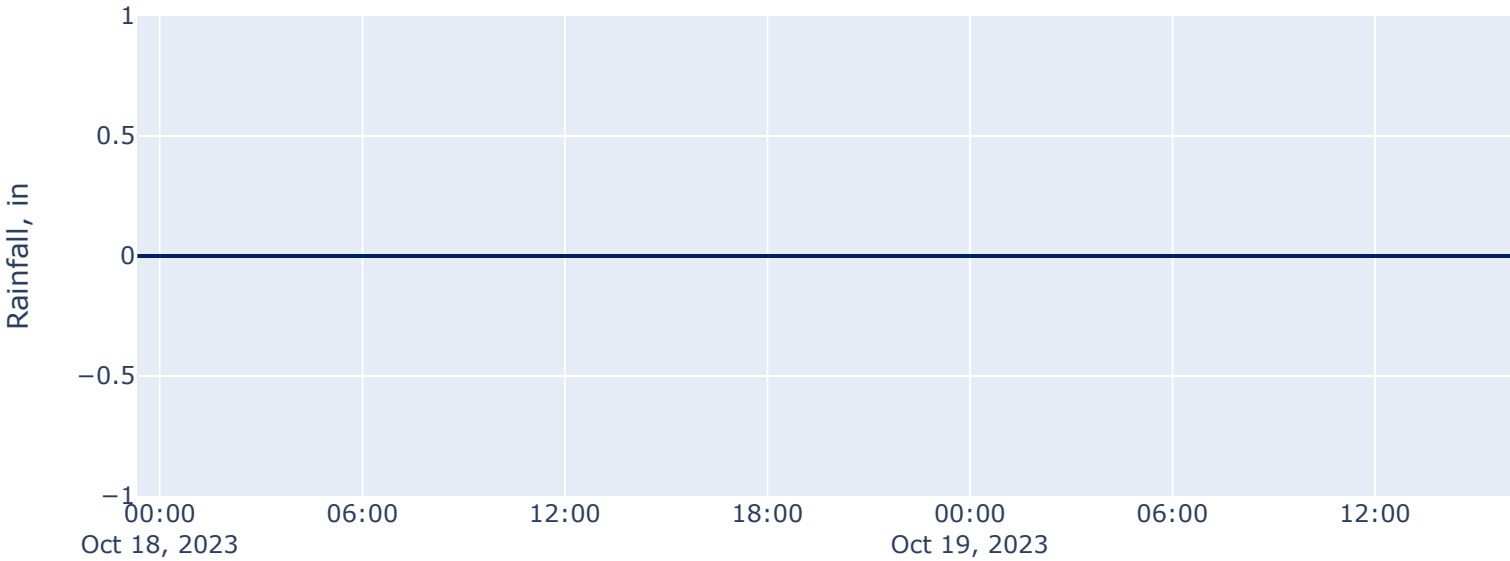
October 17, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	10/17/2023 23:20
Event End Date/Time	10/19/2023 16:00
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	flatline

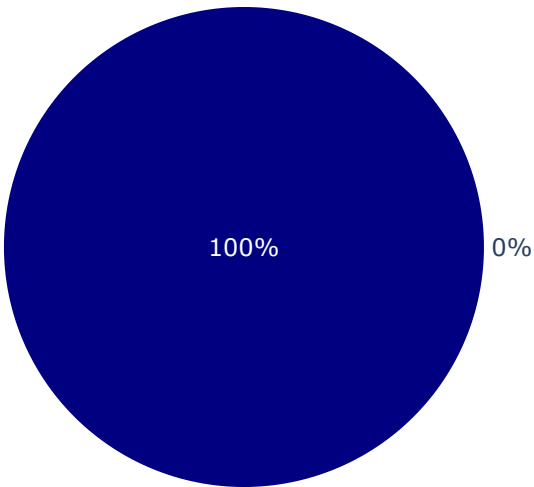
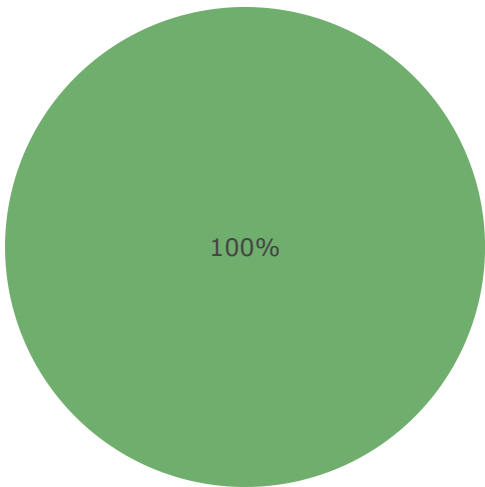
Overflow Data	Value
Overflow Volume Prevented (MG)	0.265
Percent Captured (%)	100
Unused Storage Volume (MG)	1.157
Overflow Before Storage Full	No
Storage Utilization (%)	19
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.98
Volume Stored (MG)	0.265
Unused Storage Volume (MG)	1.157
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Nov2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

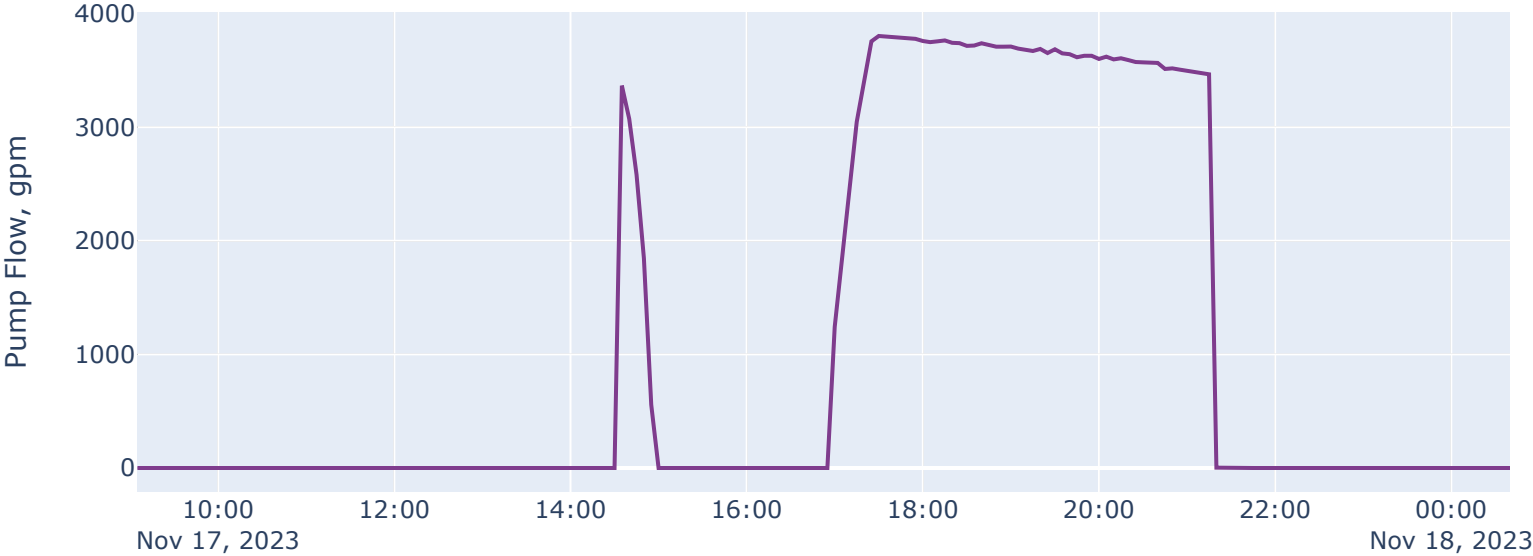
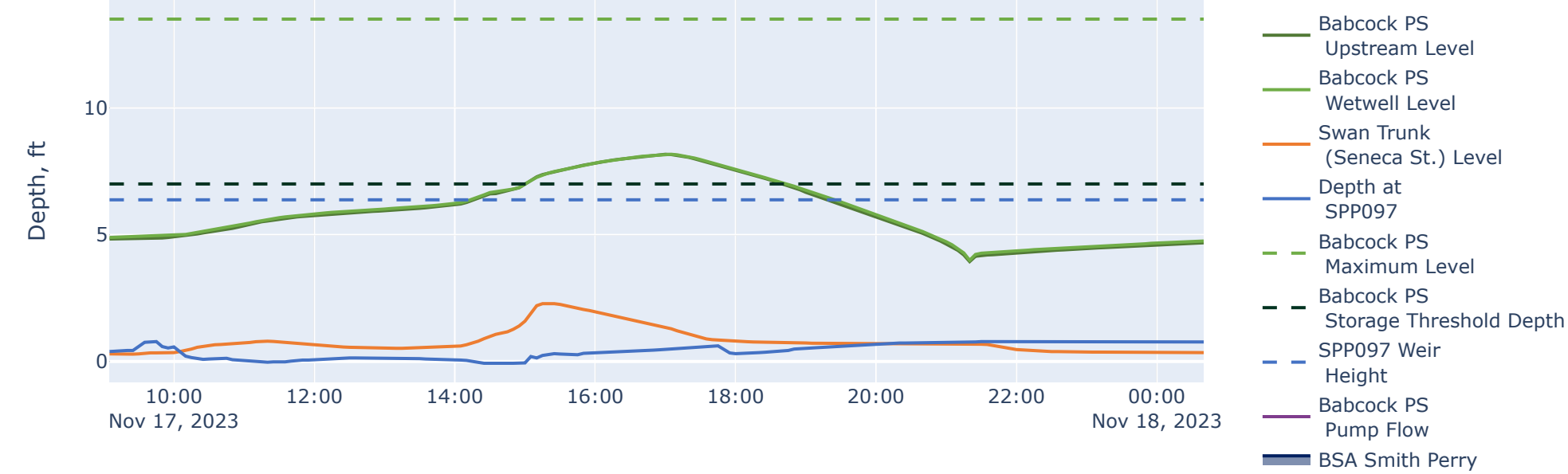
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
2	0	1.370	0.0	3.53

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
November 17, 2023	0.81	0.0	0.321	100	1.101	23	Poor
November 21, 2023	1.56	0.0	1.049	100	0.373	74	Poor

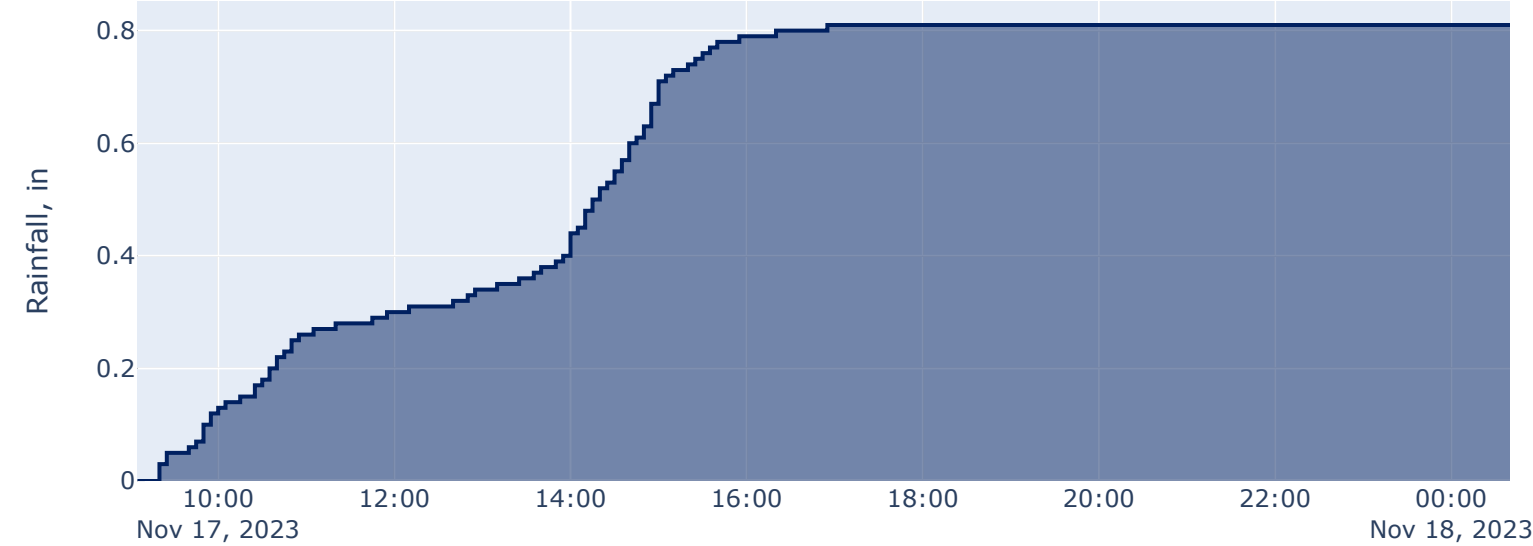
November 17, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	11/17/2023 09:05
Event End Date/Time	11/18/2023 00:40
Total Rainfall Accumulation (in)	0.81
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	7.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	0.321
Percent Captured (%)	100
Unused Storage Volume (MG)	1.101
Overflow Before Storage Full	No
Storage Utilization (%)	23
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



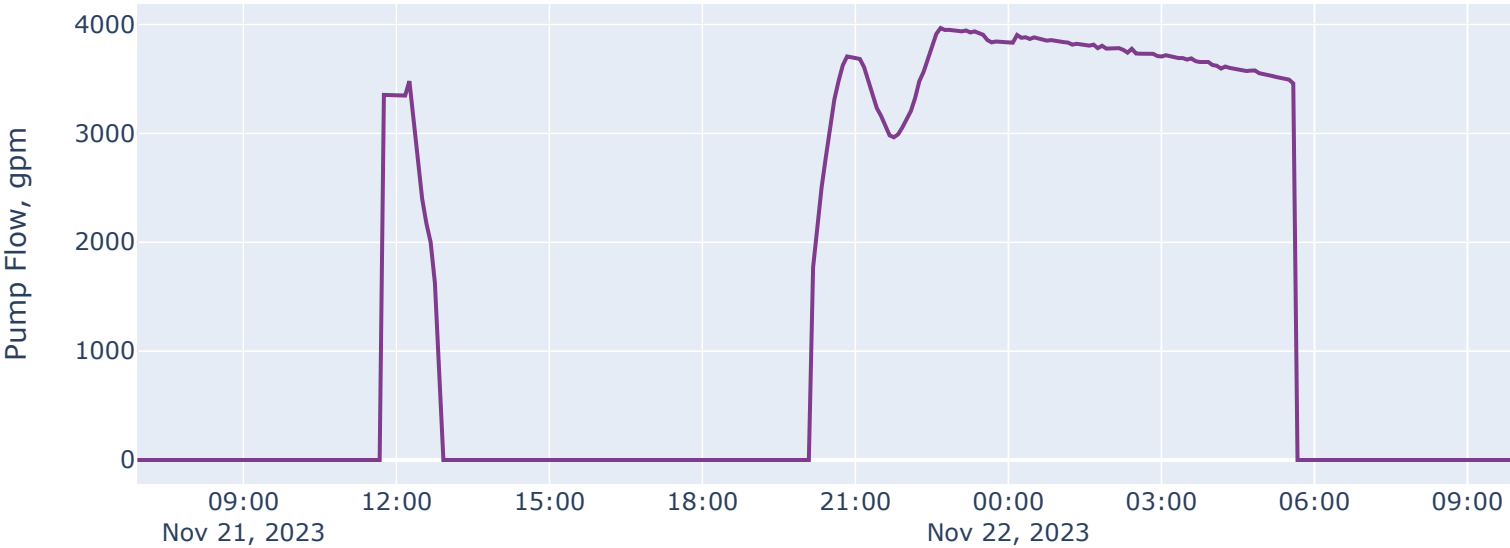
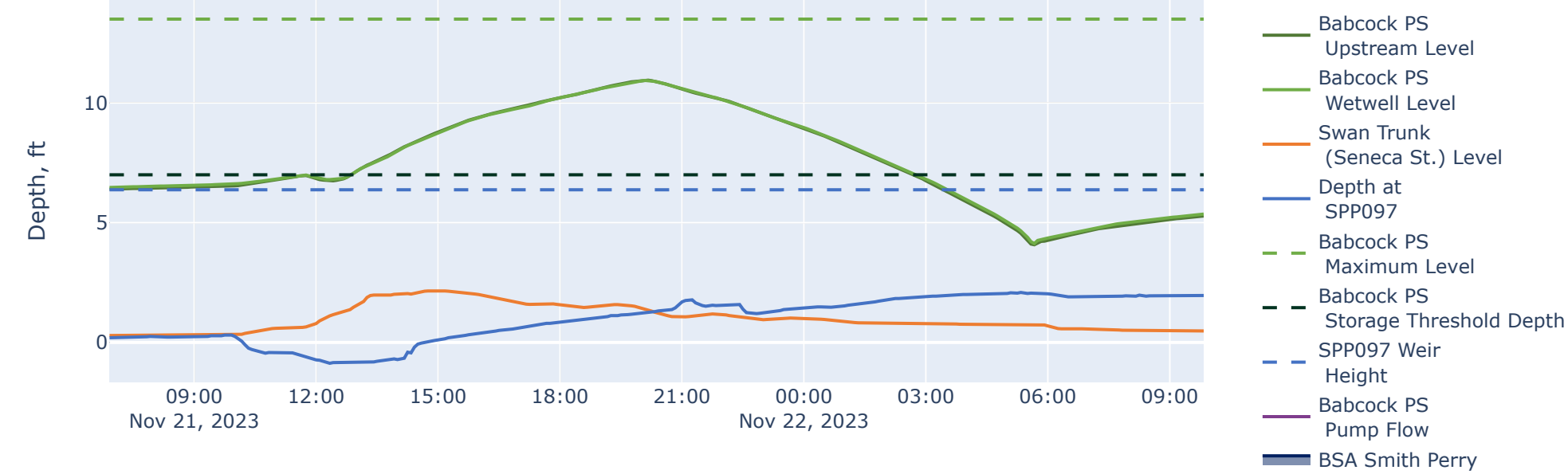
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	8.18
Volume Stored (MG)	0.321
Unused Storage Volume (MG)	1.101
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



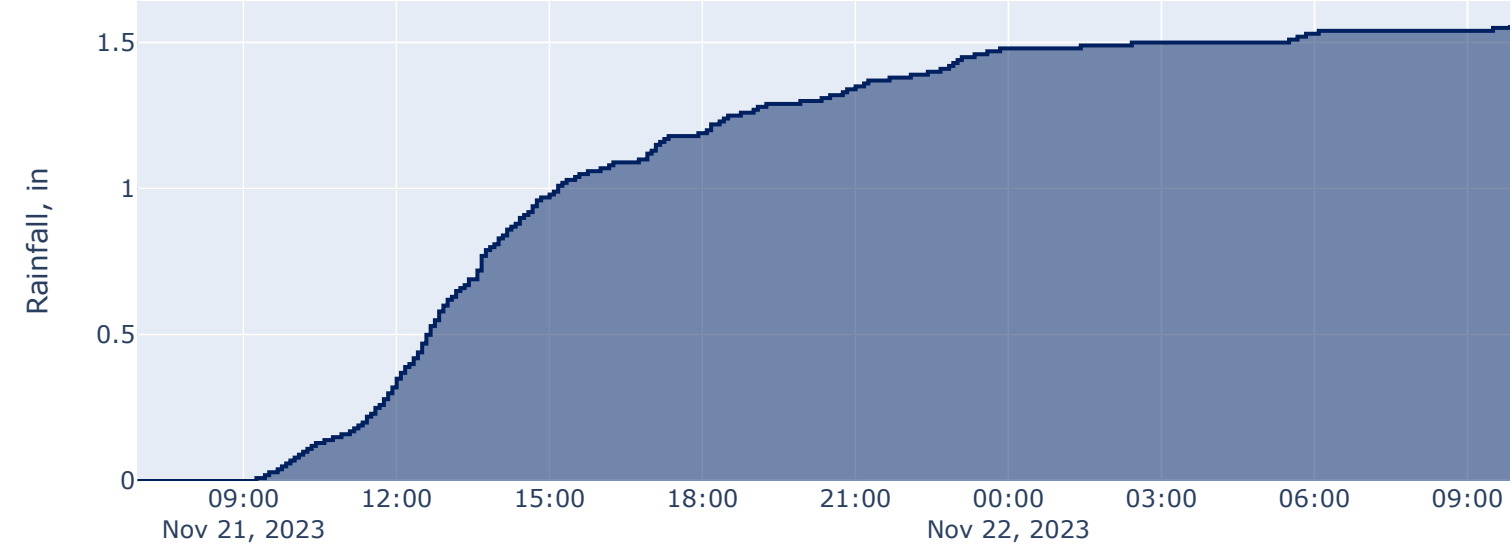
November 21, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	11/21/2023 06:55
Event End Date/Time	11/22/2023 09:50
Total Rainfall Accumulation (in)	1.56
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	24.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

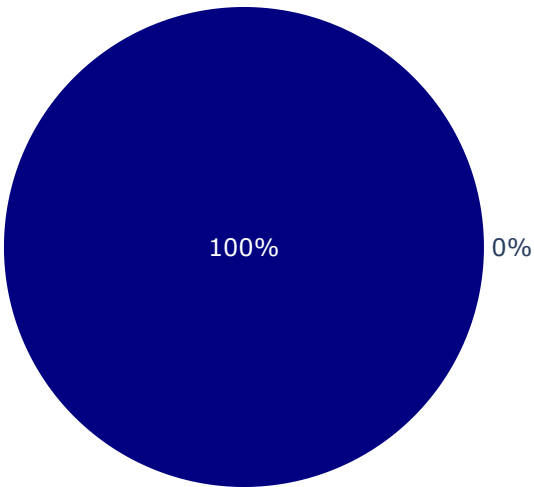
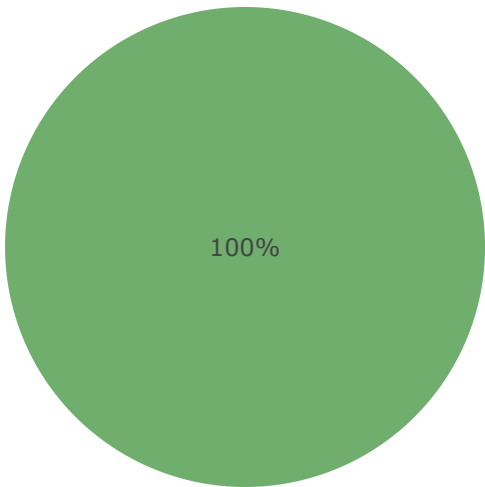
Overflow Data	Value
Overflow Volume Prevented (MG)	1.049
Percent Captured (%)	100
Unused Storage Volume (MG)	0.373
Overflow Before Storage Full	No
Storage Utilization (%)	74
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	10.94
Volume Stored (MG)	1.049
Unused Storage Volume (MG)	0.373
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Dec2023 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

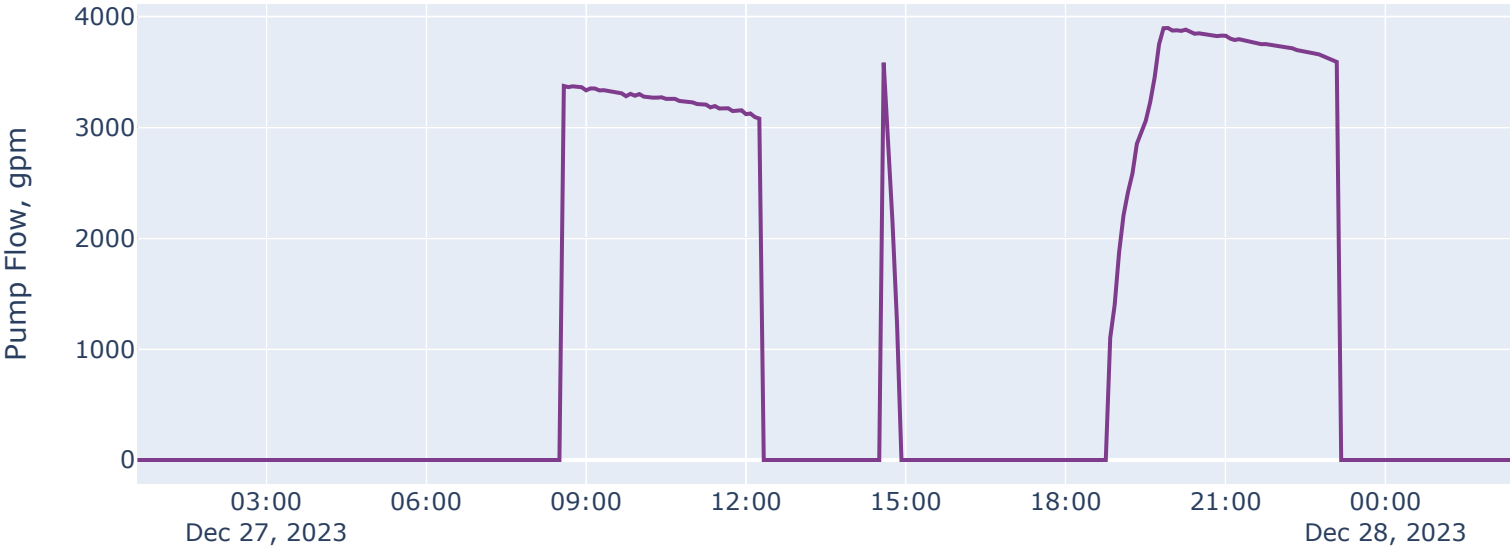
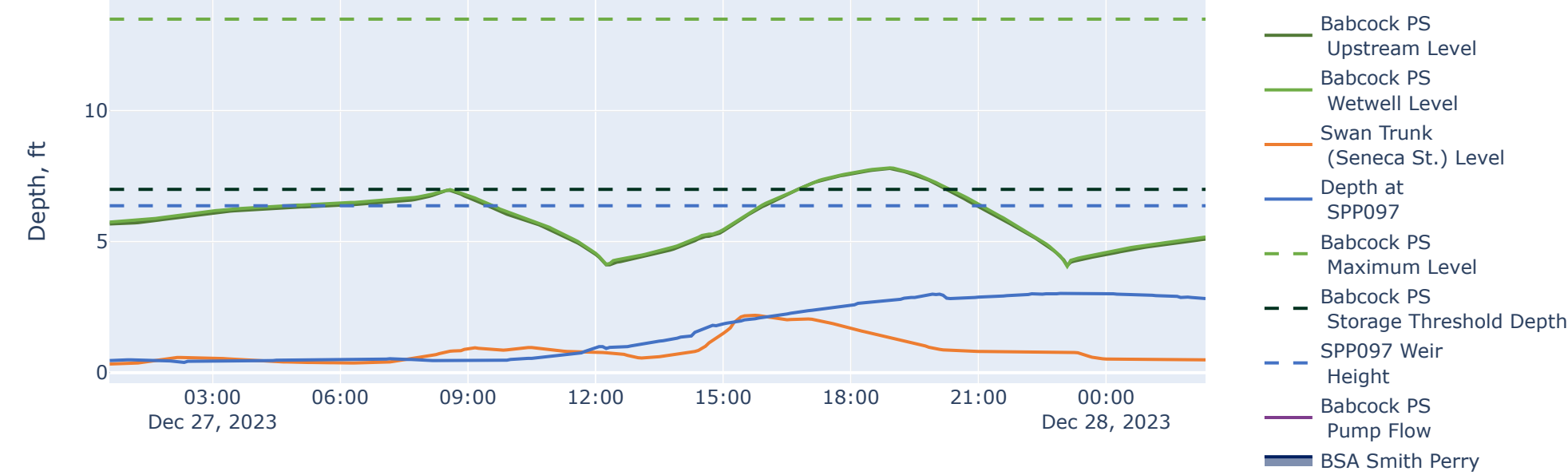
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
1	0	0.223	0.0	4.23

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
December 27, 2023	0.87	0.0	0.223	100	1.199	16	Poor

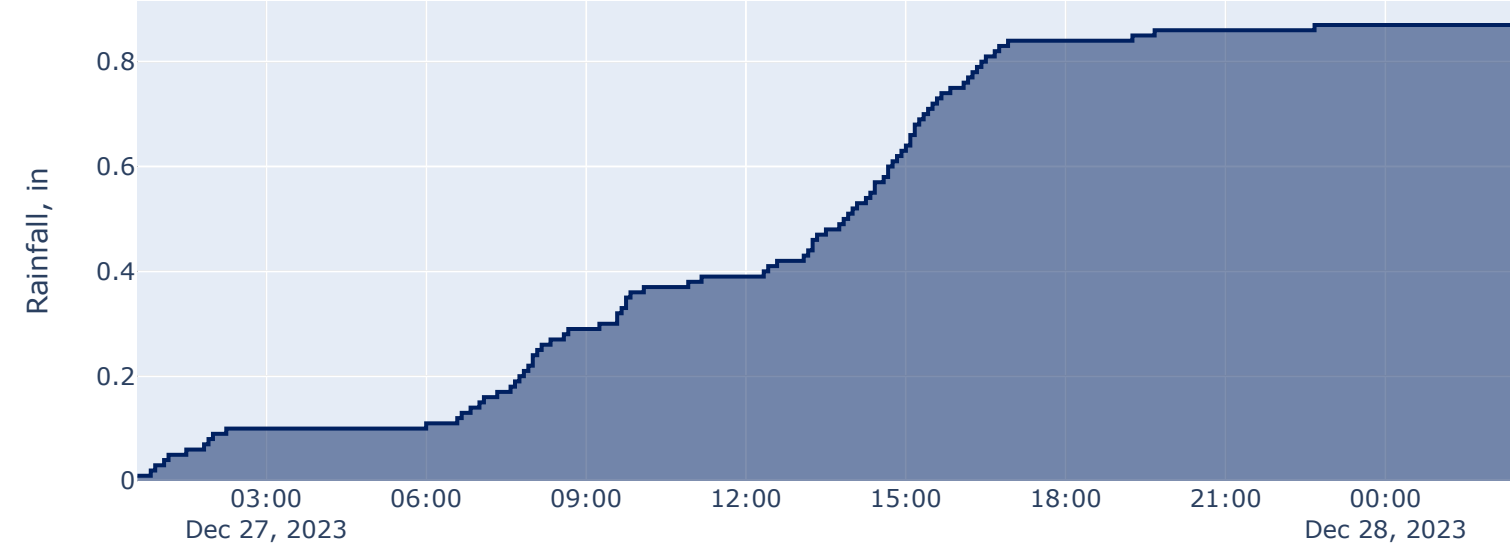
December 27, 2023 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	12/27/2023 00:35
Event End Date/Time	12/28/2023 02:20
Total Rainfall Accumulation (in)	0.87
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	22.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

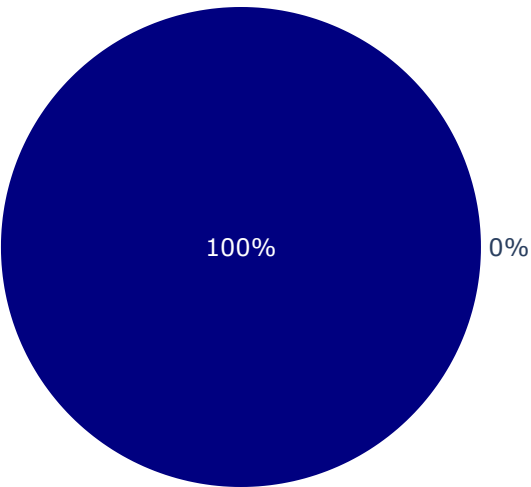
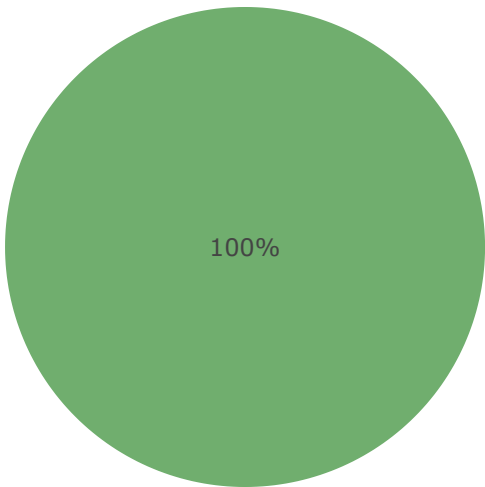
Overflow Data	Value
Overflow Volume Prevented (MG)	0.223
Percent Captured (%)	100
Unused Storage Volume (MG)	1.199
Overflow Before Storage Full	No
Storage Utilization (%)	16
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.83
Volume Stored (MG)	0.223
Unused Storage Volume (MG)	1.199
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Jan2024 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

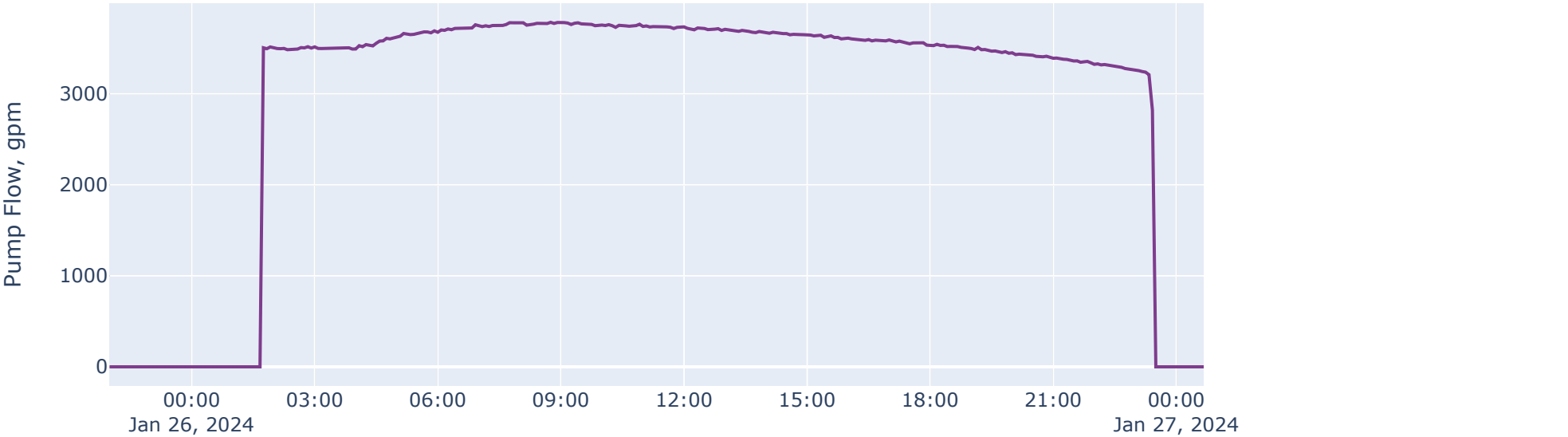
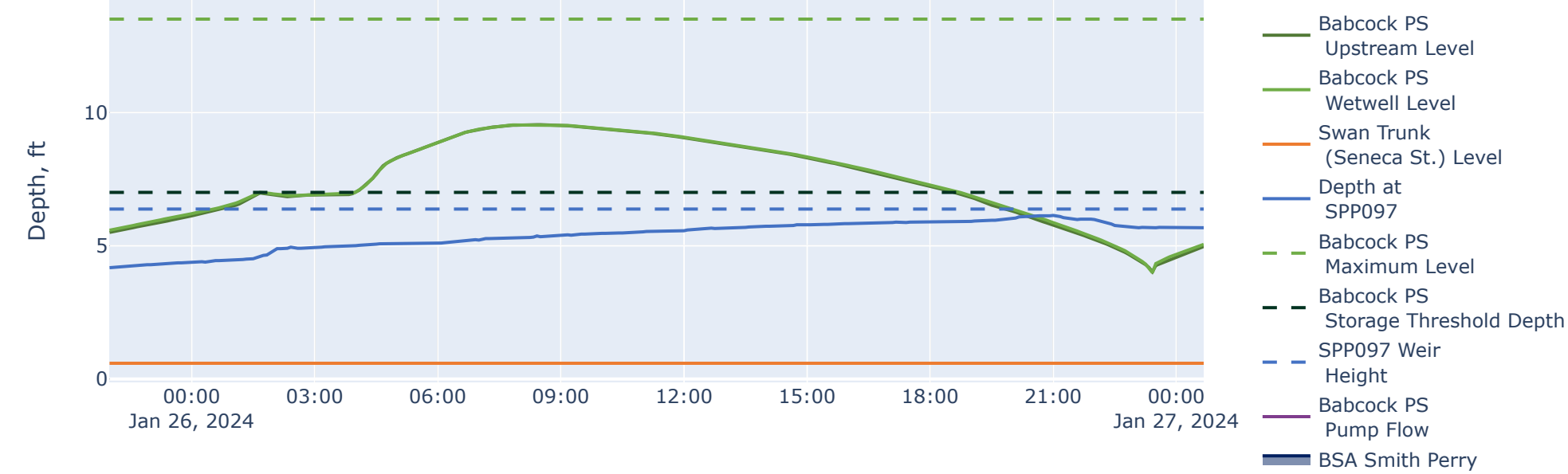
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
1	0	0.701	0.0	4.43

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
January 25, 2024	1.07	0.0	0.701	100	0.721	49	Poor

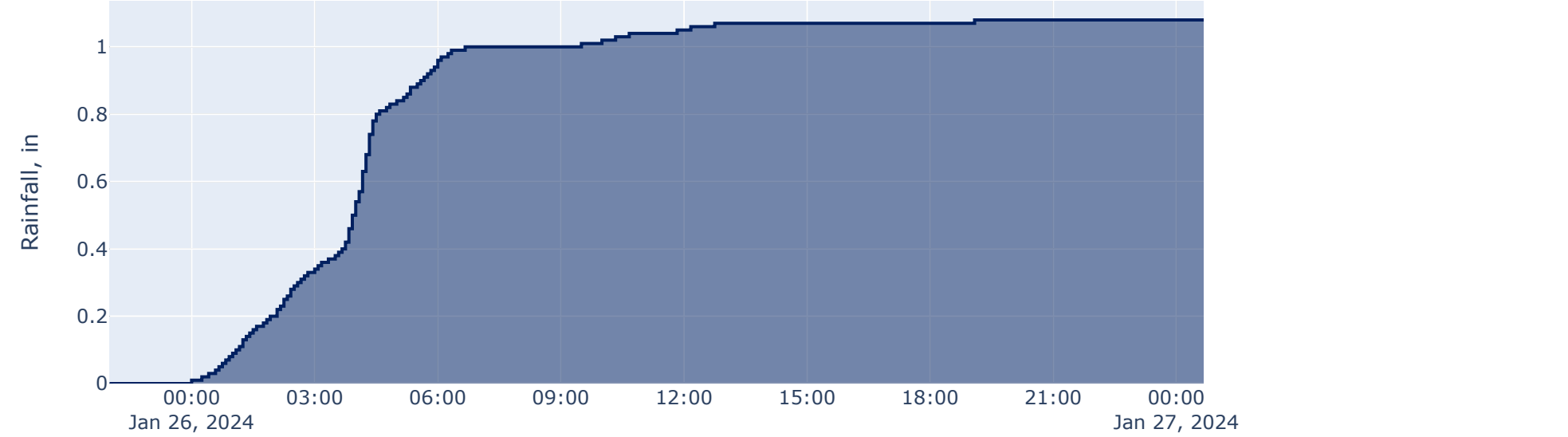
January 25, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	01/25/2024 22:00
Event End Date/Time	01/27/2024 00:40
Total Rainfall Accumulation (in)	1.07
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	12.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	flatline

Overflow Data	Value
Overflow Volume Prevented (MG)	0.701
Percent Captured (%)	100
Unused Storage Volume (MG)	0.721
Overflow Before Storage Full	No
Storage Utilization (%)	49
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



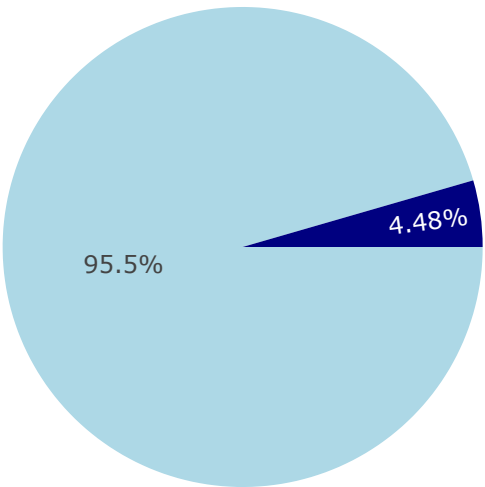
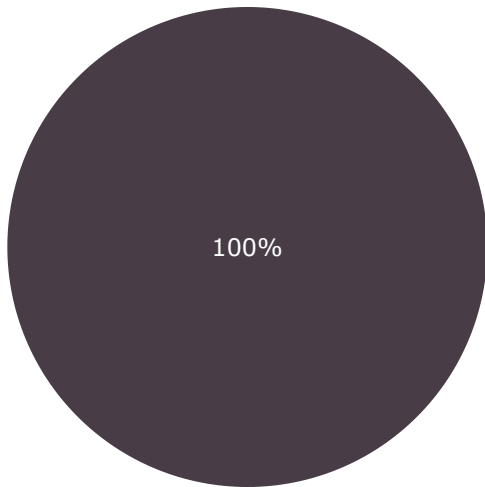
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	9.55
Volume Stored (MG)	0.701
Unused Storage Volume (MG)	0.721
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	0.91

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	0	0	0	1.69

Apr2024 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

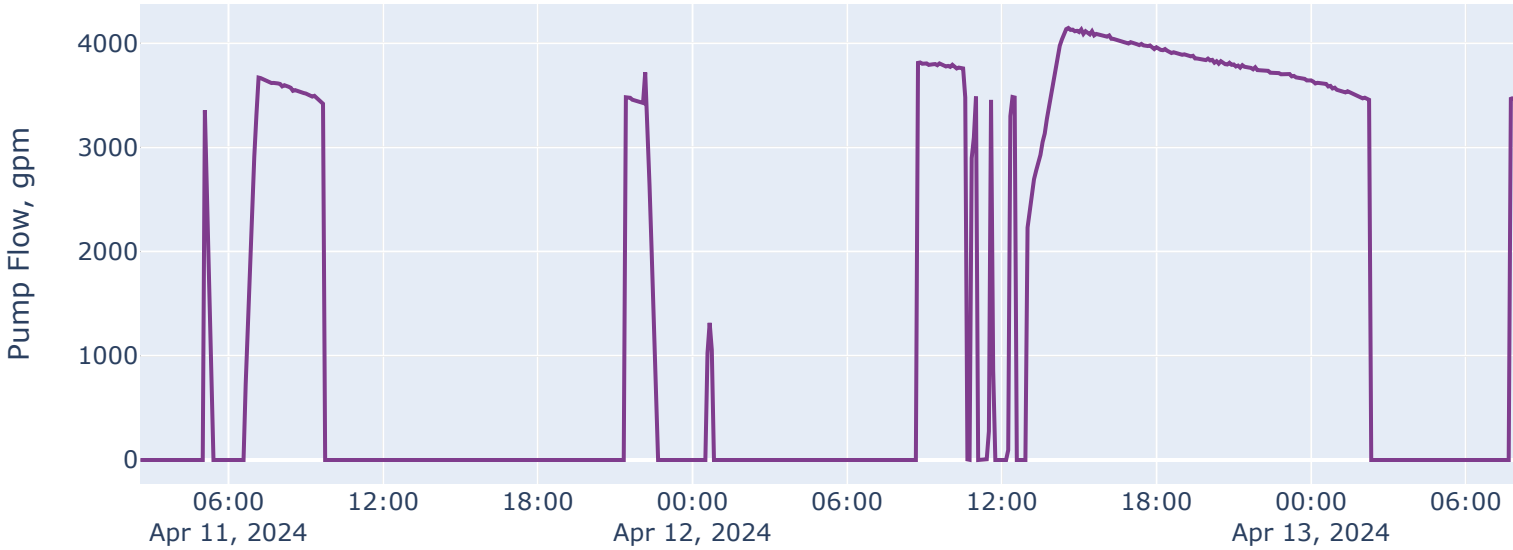
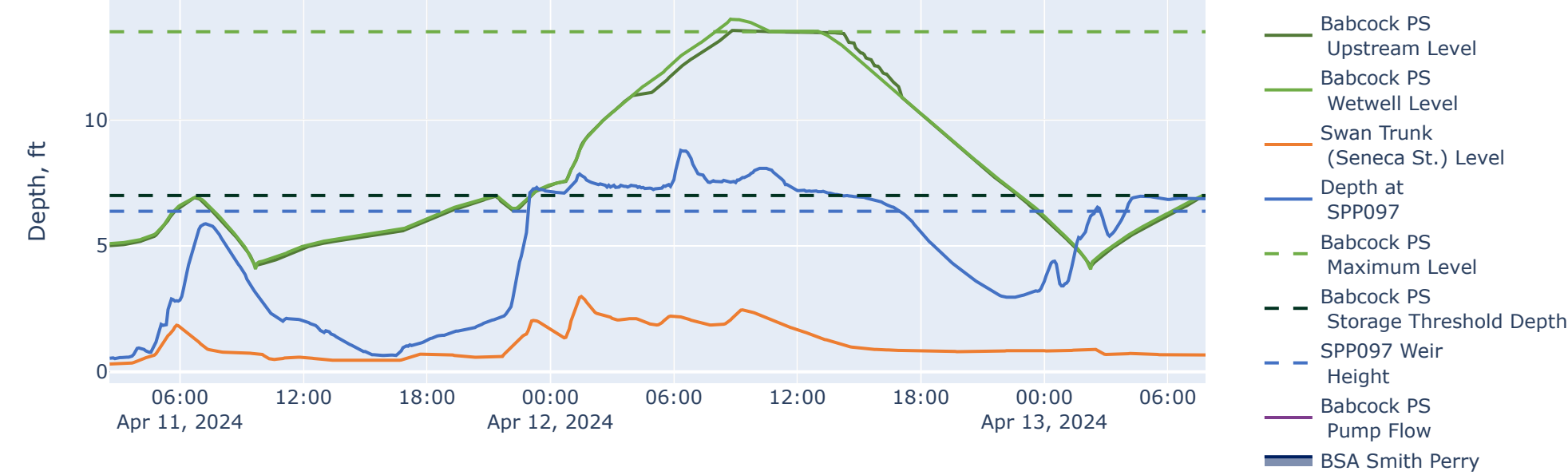
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	1	1.422	30.334	5.33

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
April 11, 2024	2.53	30.334	1.422	4	0.0	100	Poor

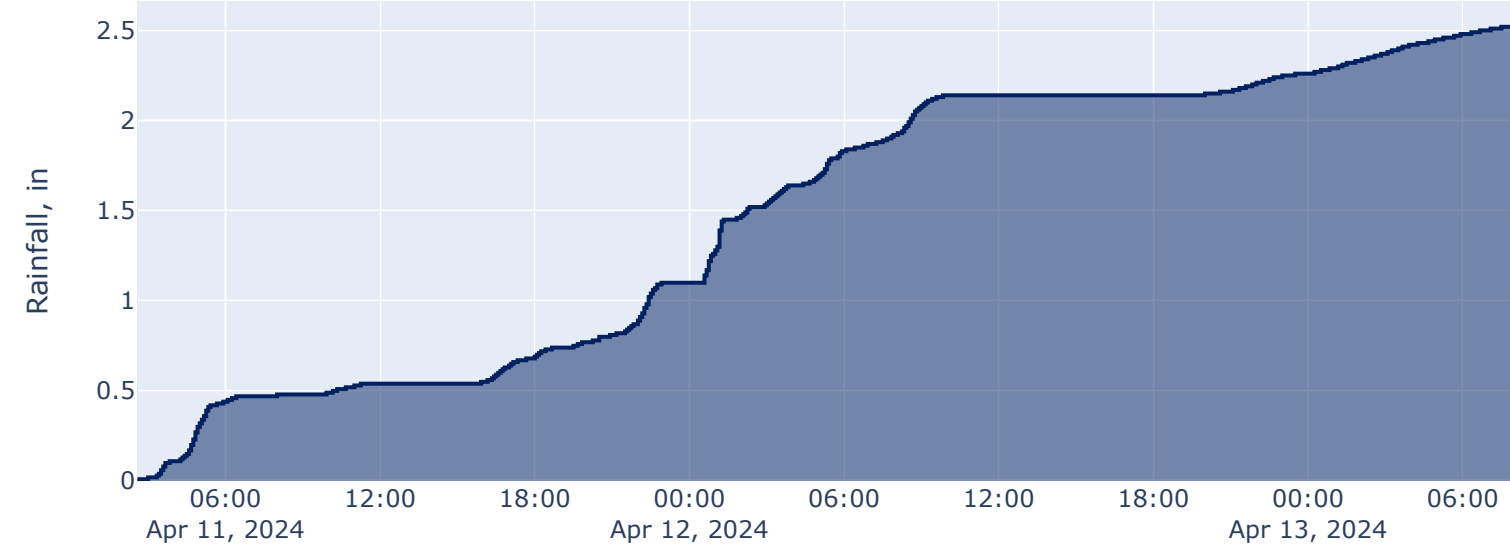
April 11, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	04/11/2024 02:35
Event End Date/Time	04/13/2024 07:50
Total Rainfall Accumulation (in)	2.53
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	43.08
Storm Type (NOAA Classification)	<2.0 year
Data Quality	Poor
Data Issues	flatline

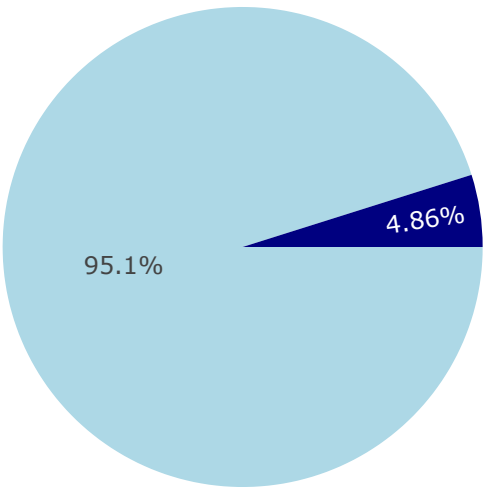
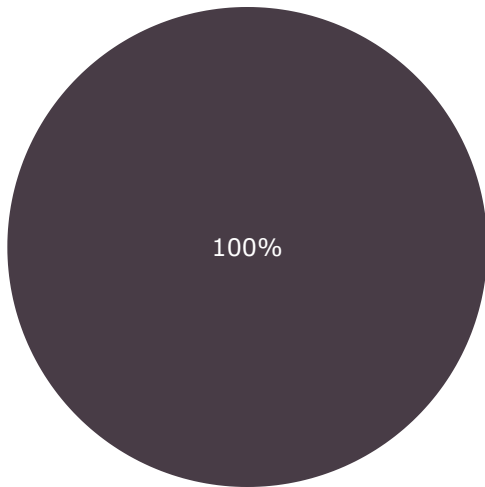
Overflow Data	Value
Overflow Volume Prevented (MG)	1.422
Percent Captured (%)	4
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	30.334
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	30.334
Overflow Duration (hr)	8.83



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	13.5
Volume Stored (MG)	1.422
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	7.0
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



May2024 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

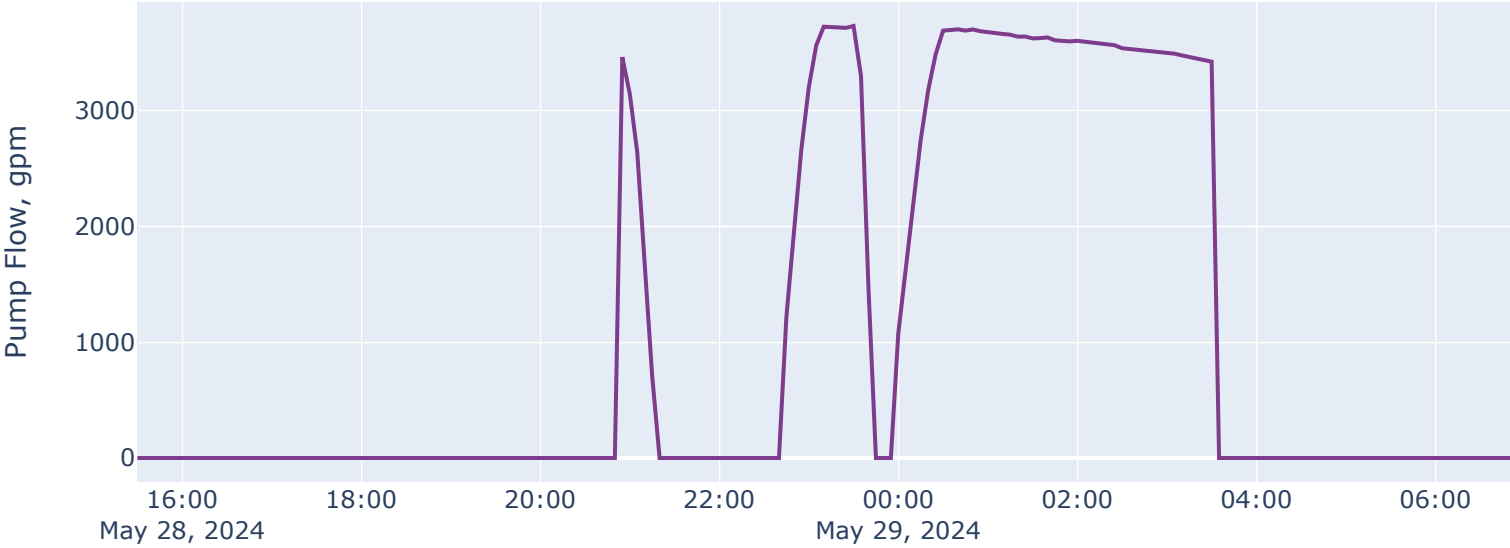
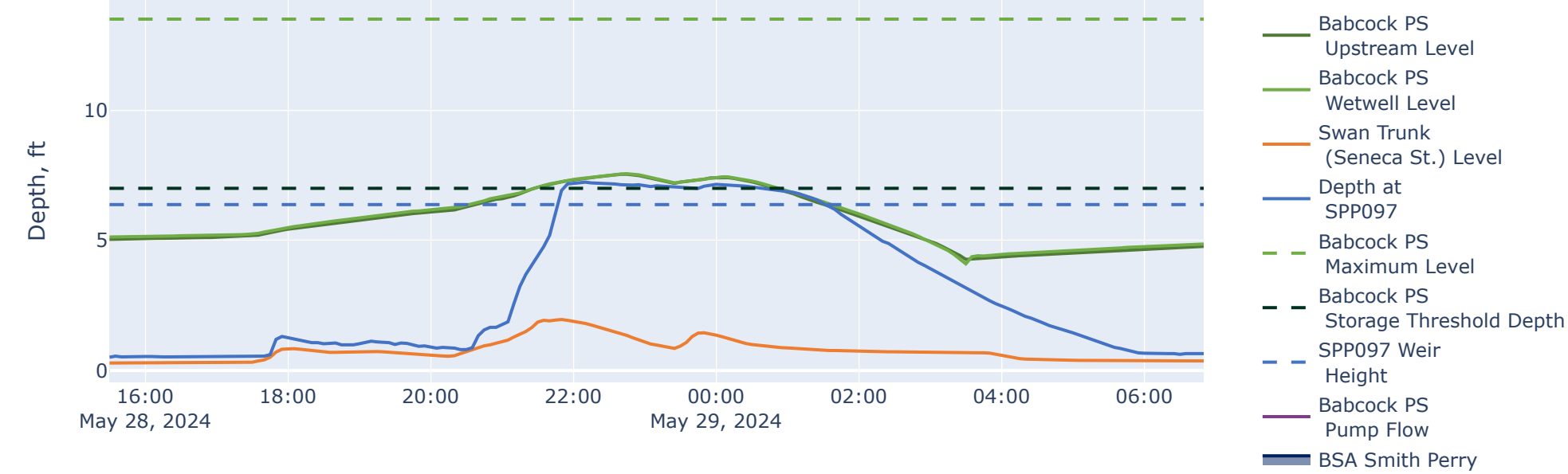
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
0	1	0.149	2.916	3.75

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 28, 2024	1.09	2.916	0.149	5	1.273	10	Good

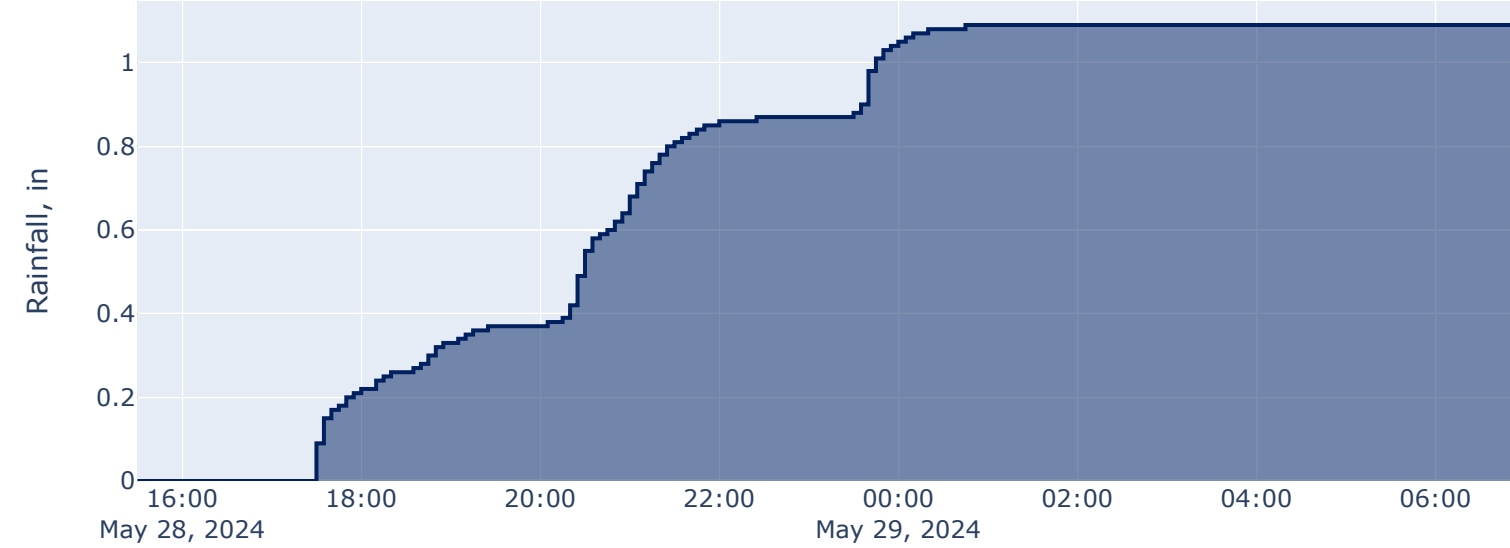
May 28, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	05/28/2024 15:30
Event End Date/Time	05/29/2024 06:50
Total Rainfall Accumulation (in)	1.09
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	7.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

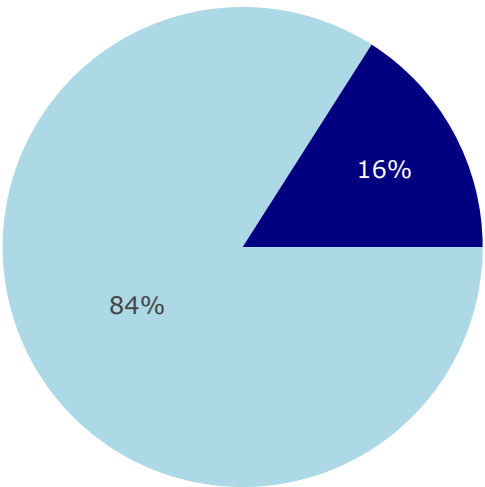
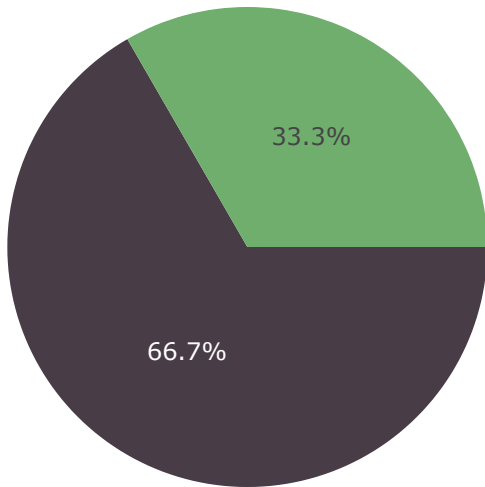
Overflow Data	Value
Overflow Volume Prevented (MG)	0.149
Percent Captured (%)	5
Unused Storage Volume (MG)	1.273
Overflow Before Storage Full	Yes
Storage Utilization (%)	10
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.916
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.916
Overflow Duration (hr)	3.67



RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.56
Volume Stored (MG)	0.149
Unused Storage Volume (MG)	1.273
RTC Depth at Overflow Start (ft)	7.26
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



Jun2024 KPI Report for SPP097
RTC Site(s) BabcockPS - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

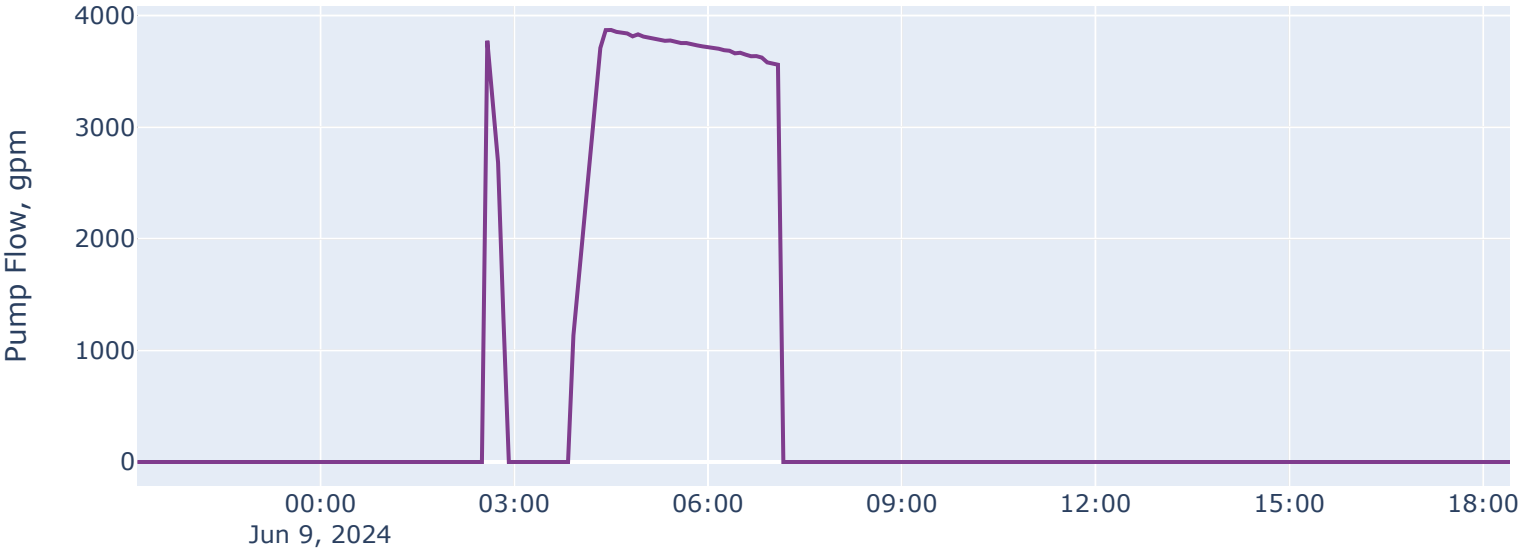
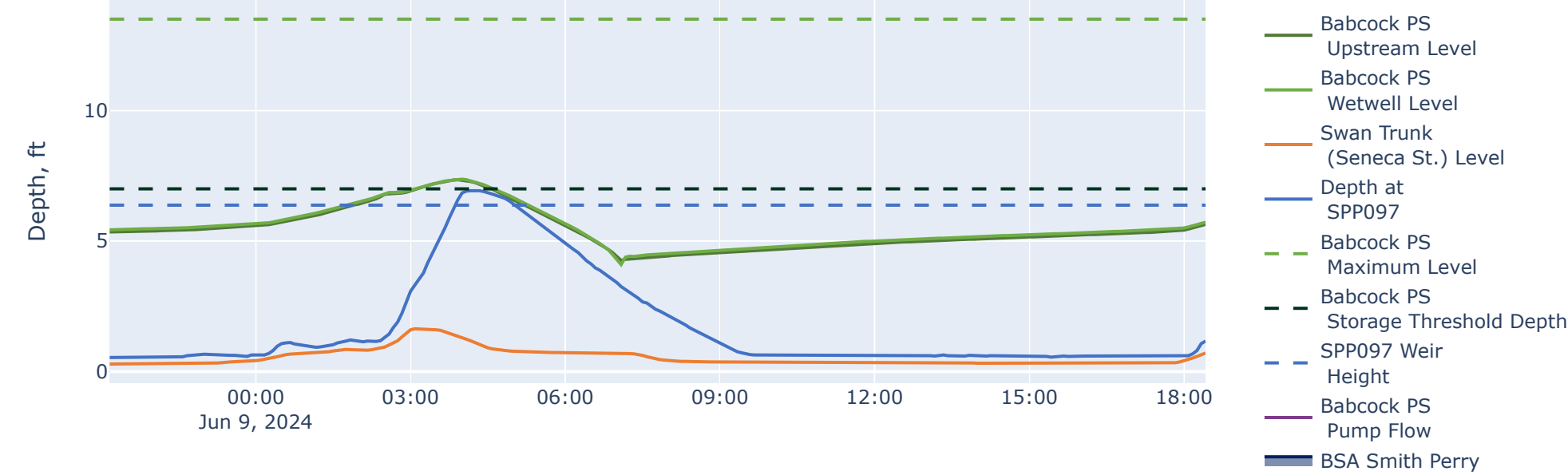
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Smith Perry (in)
1	2	1.612	8.481	4.11

Event	Total Rain at BSA Smith Perry (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 08, 2024	0.84	0.438	0.098	18	1.324	7	Good
June 18, 2024	0.38	0.0	0.092	100	1.33	6	Good
June 29, 2024	1.65	8.043	1.422	15	0.0	100	Good

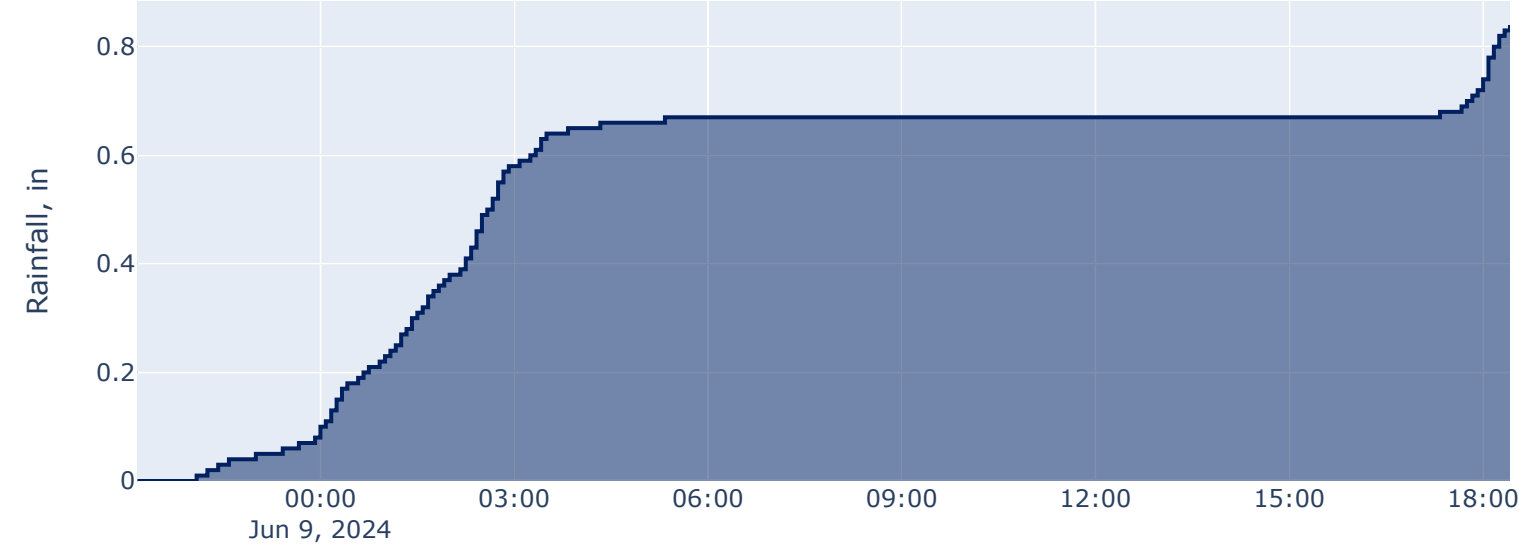
June 08, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	06/08/2024 21:10
Event End Date/Time	06/09/2024 18:25
Total Rainfall Accumulation (in)	0.84
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	8.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.098
Percent Captured (%)	18
Unused Storage Volume (MG)	1.324
Overflow Before Storage Full	Yes
Storage Utilization (%)	7
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.438
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.438
Overflow Duration (hr)	1.08



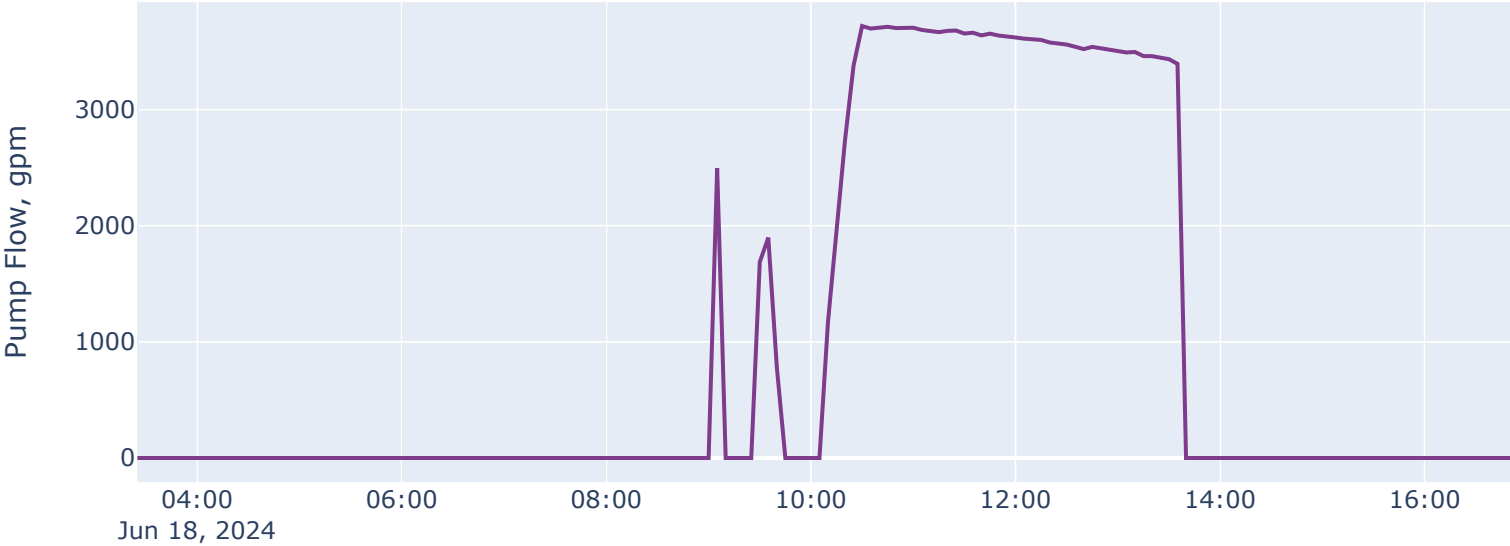
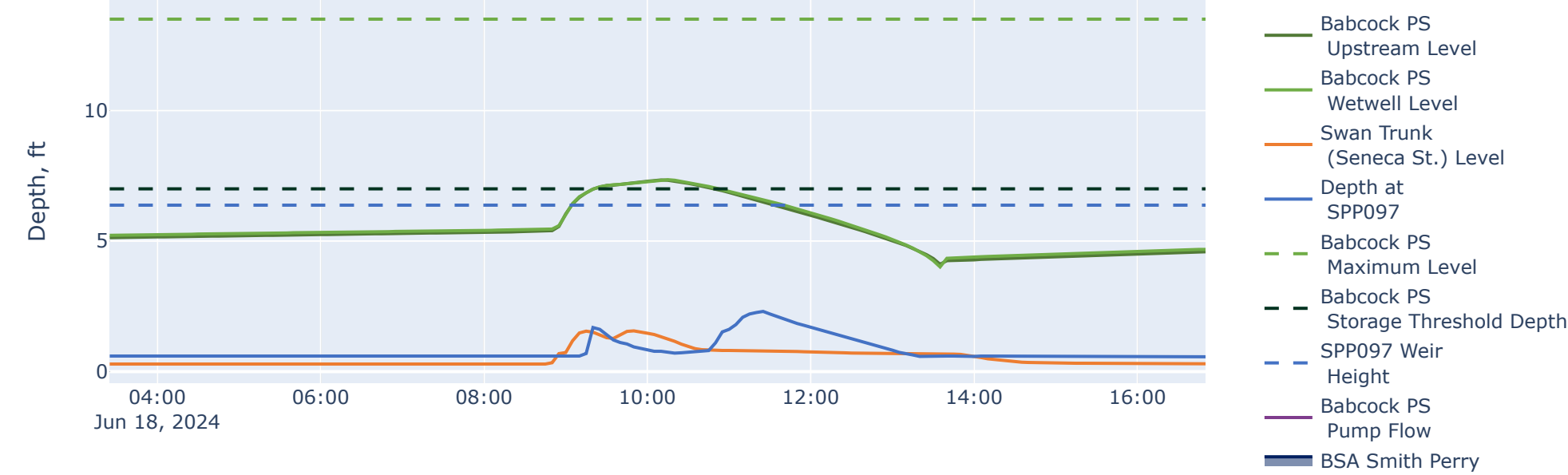
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.37
Volume Stored (MG)	0.098
Unused Storage Volume (MG)	1.324
RTC Depth at Overflow Start (ft)	7.37
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



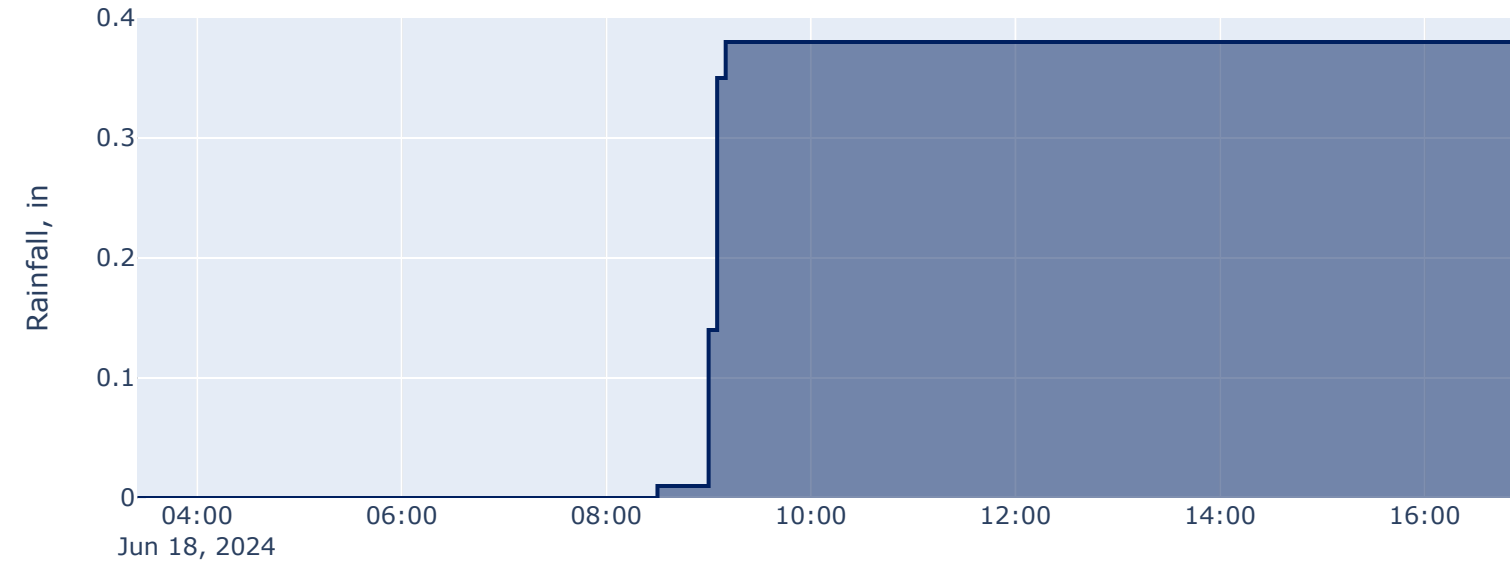
June 18, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	06/18/2024 03:25
Event End Date/Time	06/18/2024 16:50
Total Rainfall Accumulation (in)	0.38
Maximum Rainfall Intensity (in/hr)	2.52
Storm Event Duration (hr)	0.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.092
Percent Captured (%)	100
Unused Storage Volume (MG)	1.33
Overflow Before Storage Full	No
Storage Utilization (%)	6
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



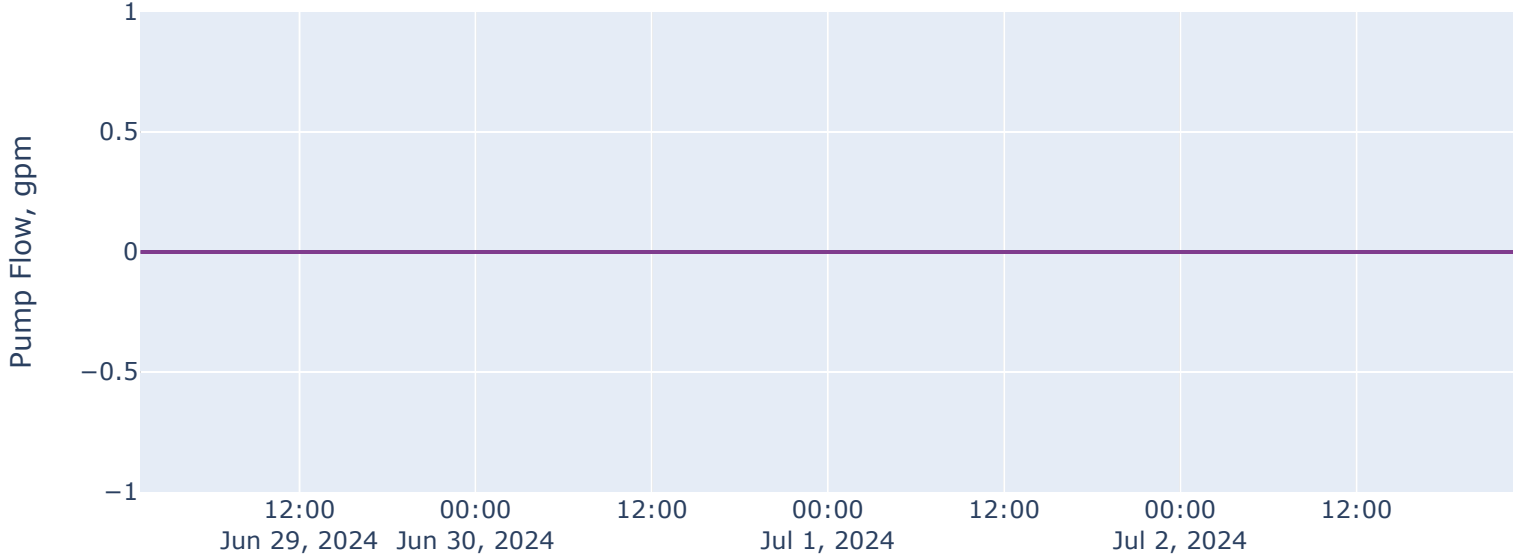
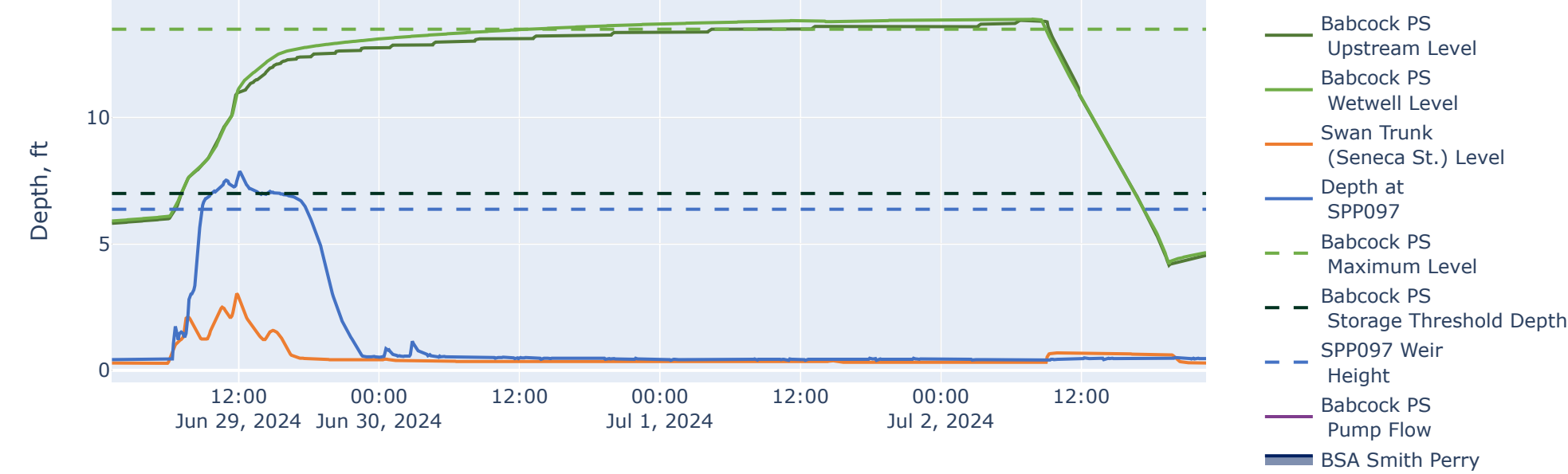
RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	7.35
Volume Stored (MG)	0.092
Unused Storage Volume (MG)	1.33
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



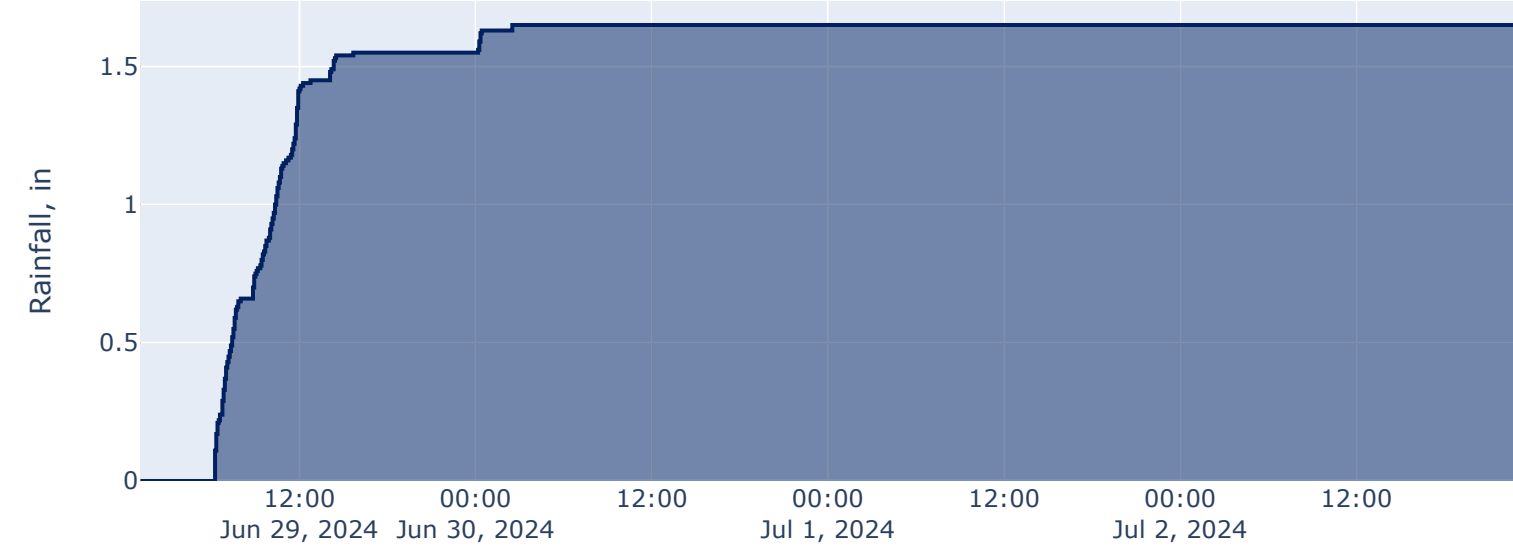
June 29, 2024 SPP097
RTC Site(s) BabcockPS - v1.0.4

Event Data	Value
Event Start Date/Time	06/29/2024 01:10
Event End Date/Time	07/02/2024 22:40
Total Rainfall Accumulation (in)	1.65
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	11.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	1.422
Percent Captured (%)	15
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	8.043
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	8.043
Overflow Duration (hr)	8.83

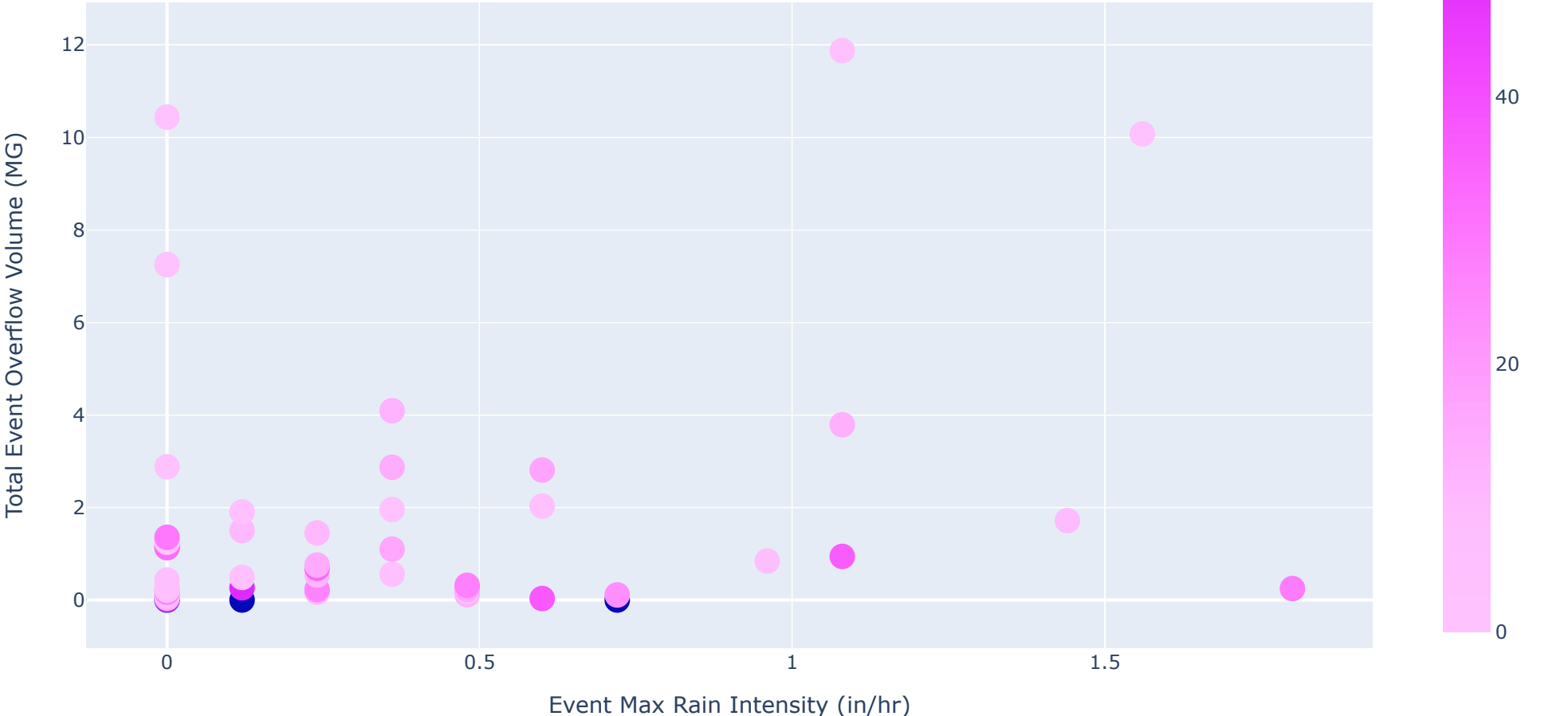
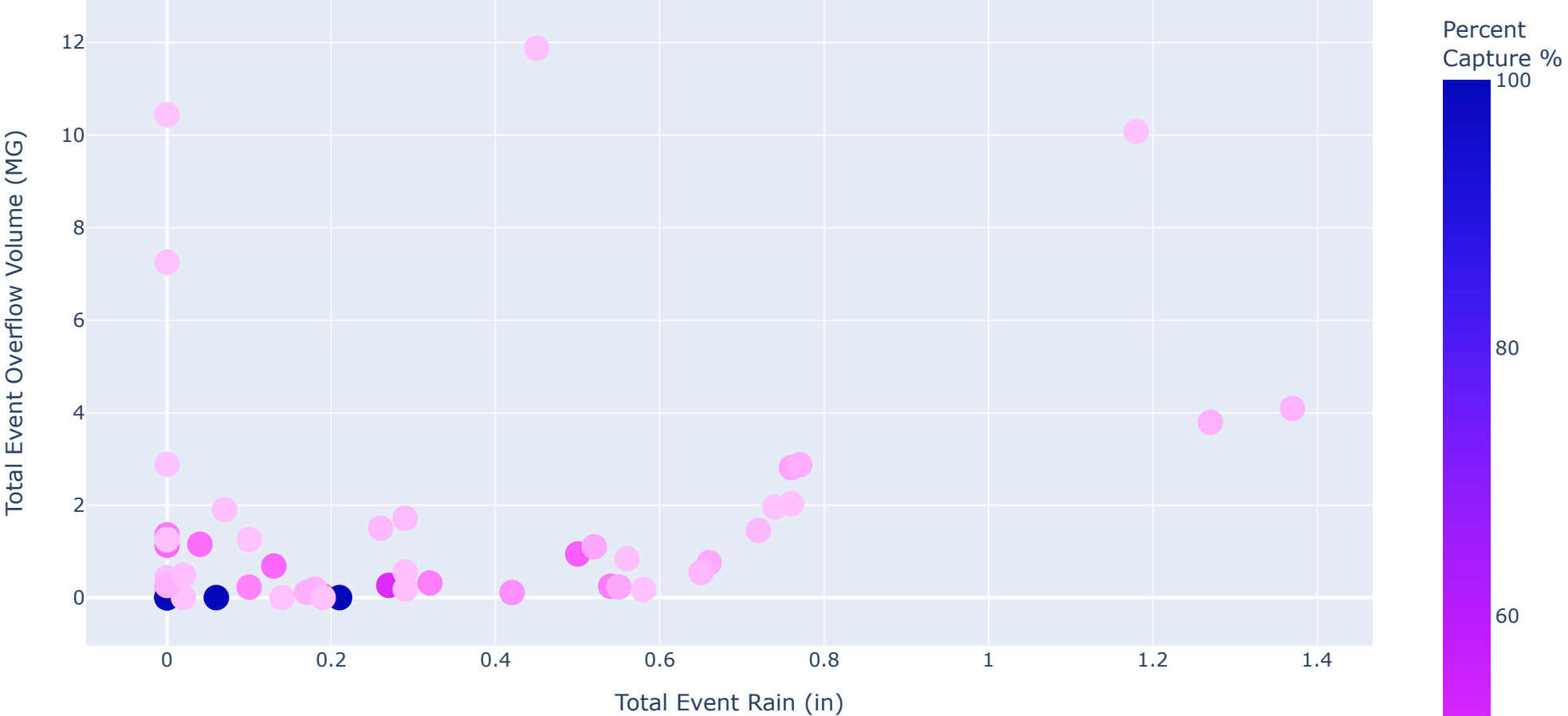


RTC Sites	BabcockPS
Depth at Weir Crest (ft)	13.5
Maximum Depth Reached (ft)	13.5
Volume Stored (MG)	1.422
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	8.16
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes

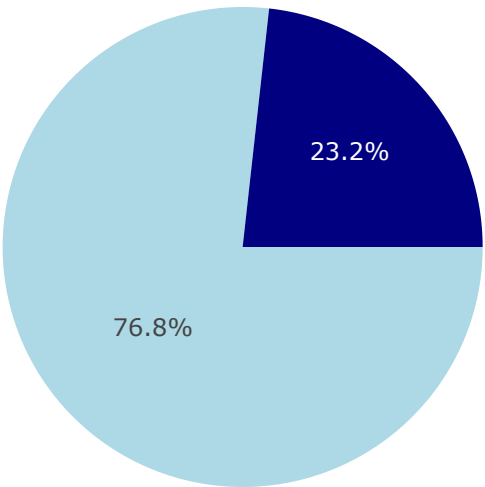
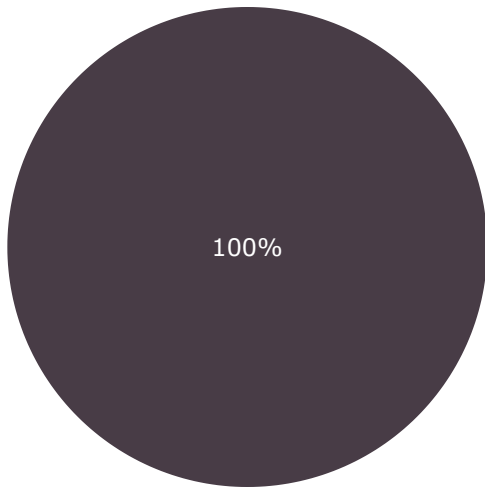


2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	48.0
Occurred SPP Overflow Volume (MG)	83.471
Number of Prevented SPP Overflow Events	9.0
Prevented SPP Overflow Volume (MG)	8.054
Total Observed Rain at BSA Kelly X PS (in)	24.340



Jul2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	1	0.033	0.109	5.33

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 29, 2023	0.42	0.109	0.033	23	0.522	6	Poor

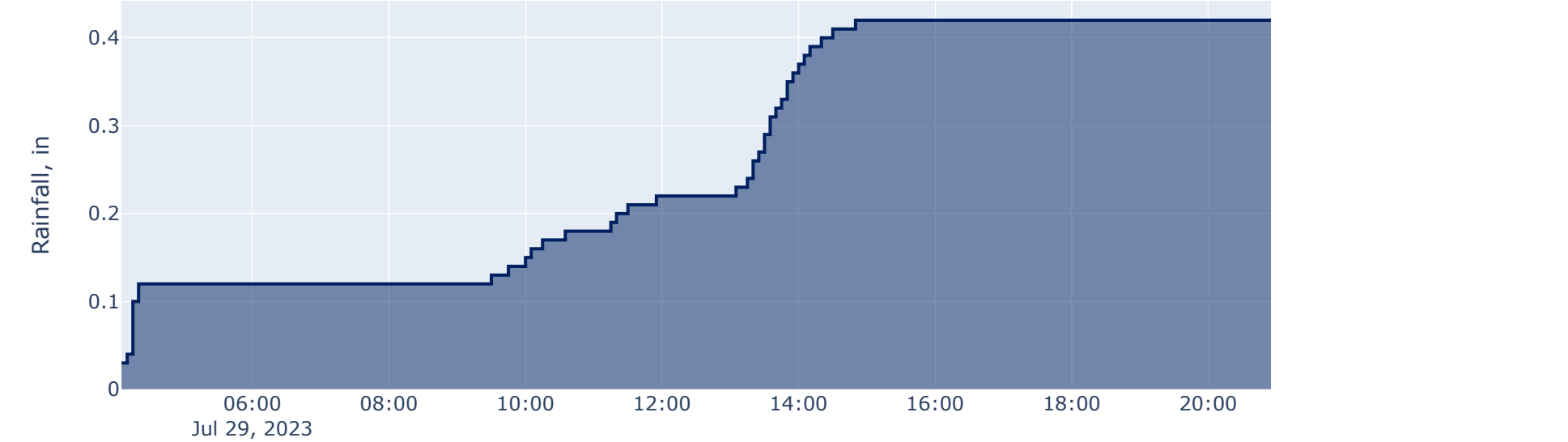
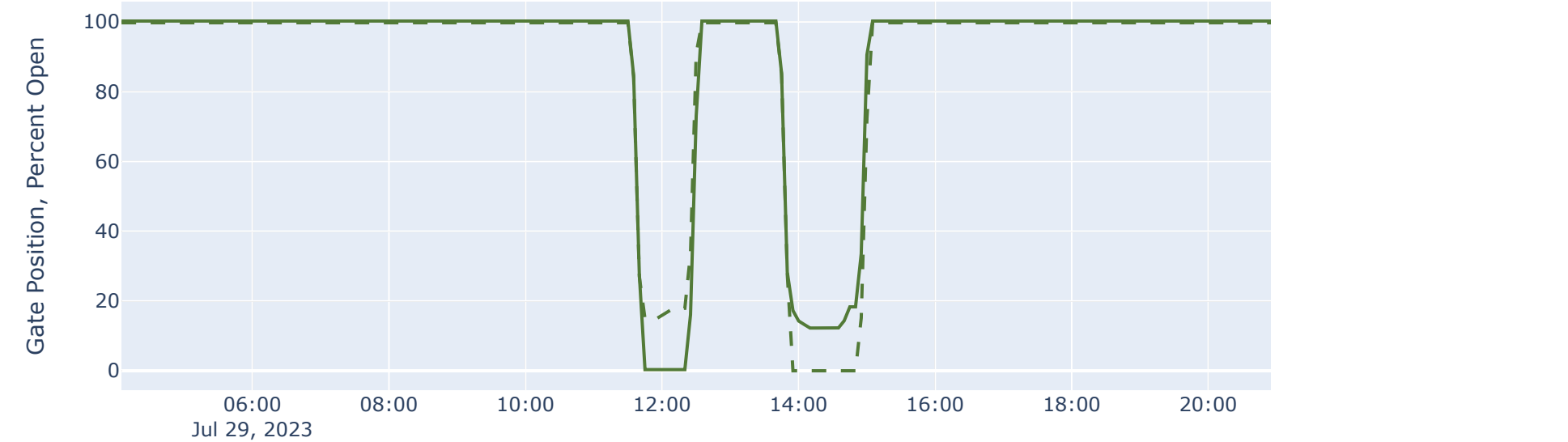
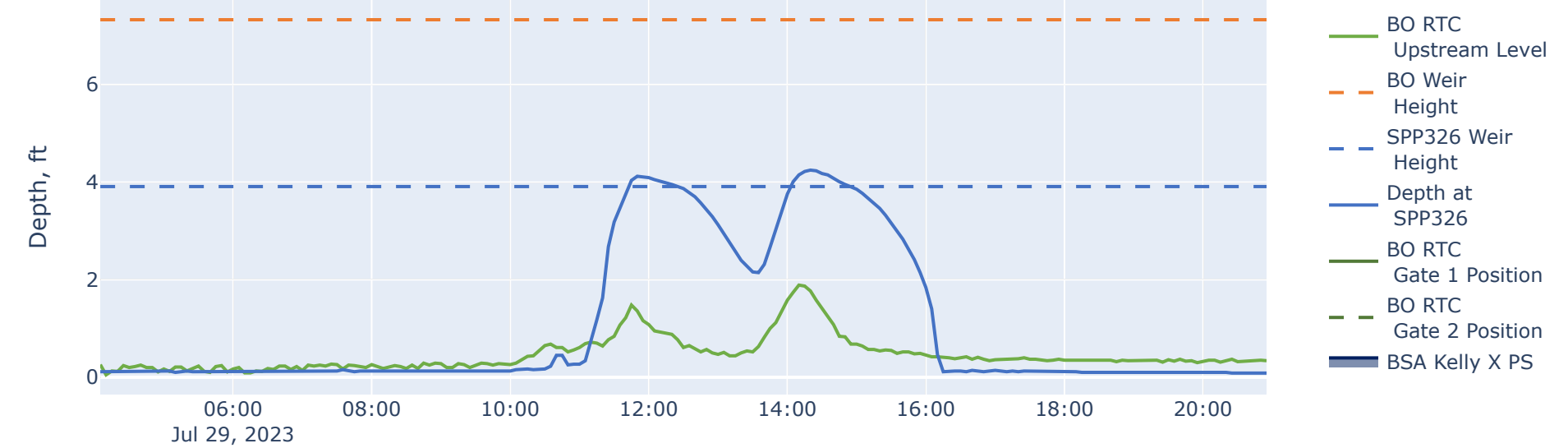
July 29, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	07/29/2023 04:05
Event End Date/Time	07/29/2023 20:55
Total Rainfall Accumulation (in)	0.42
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	10.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

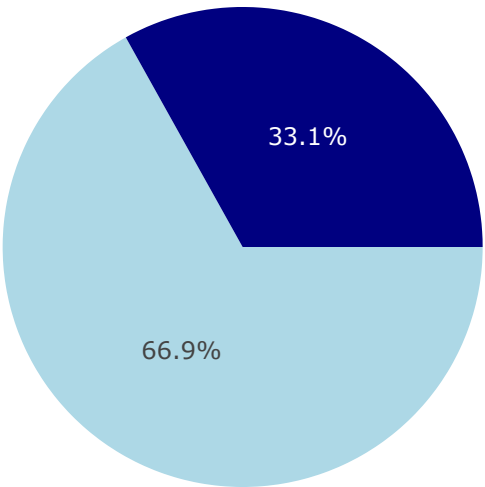
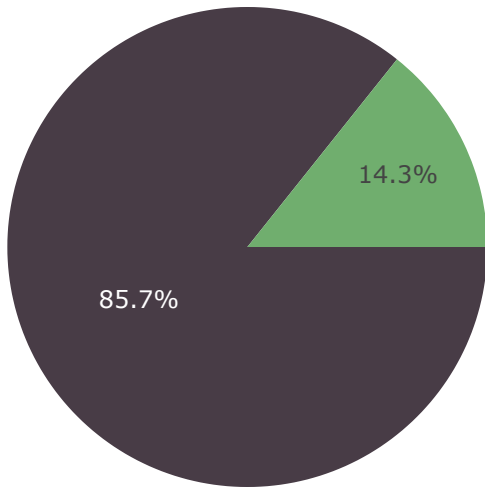
Overflow Data	Value
Overflow Volume Prevented (MG)	0.033
Percent Captured (%)	23
Unused Storage Volume (MG)	0.522
Overflow Before Storage Full	Yes
Storage Utilization (%)	6
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.109
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.109
Overflow Duration (hr)	3.08

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.82	0.82
Site Return to Normal Depth (ft)	0.64	0.64
Time Activated	07/29/2023 11:30	07/29/2023 11:30
Time Returned to Normal	07/29/2023 15:05	07/29/2023 15:05

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.89
Volume Stored (MG)	0.033
Unused Storage Volume (MG)	0.522
RTC Depth at Overflow Start (ft)	1.48
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Aug2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
1	6	2.07	4.185	2.11

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
August 06, 2023	0.5	0.942	0.522	36	0.041	93	Poor
August 09, 2023	0.0	0.0	0.002	100	0.553	0	Poor
August 10, 2023	0.54	0.246	0.096	28	0.466	17	Poor
August 12, 2023	0.1	0.226	0.08	26	0.483	14	Poor
August 15, 2023	0.27	0.264	0.267	50	0.294	48	Poor
August 17, 2023	0.0	1.355	0.562	29	0.0	100	Poor
August 24, 2023	0.04	1.152	0.541	32	0.015	97	Poor

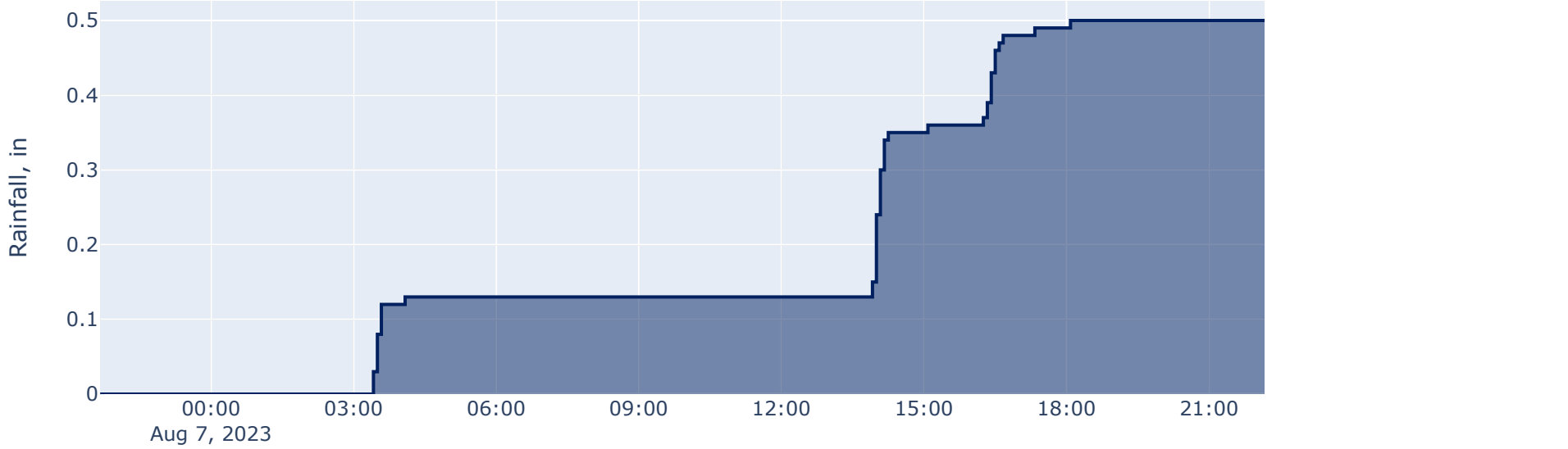
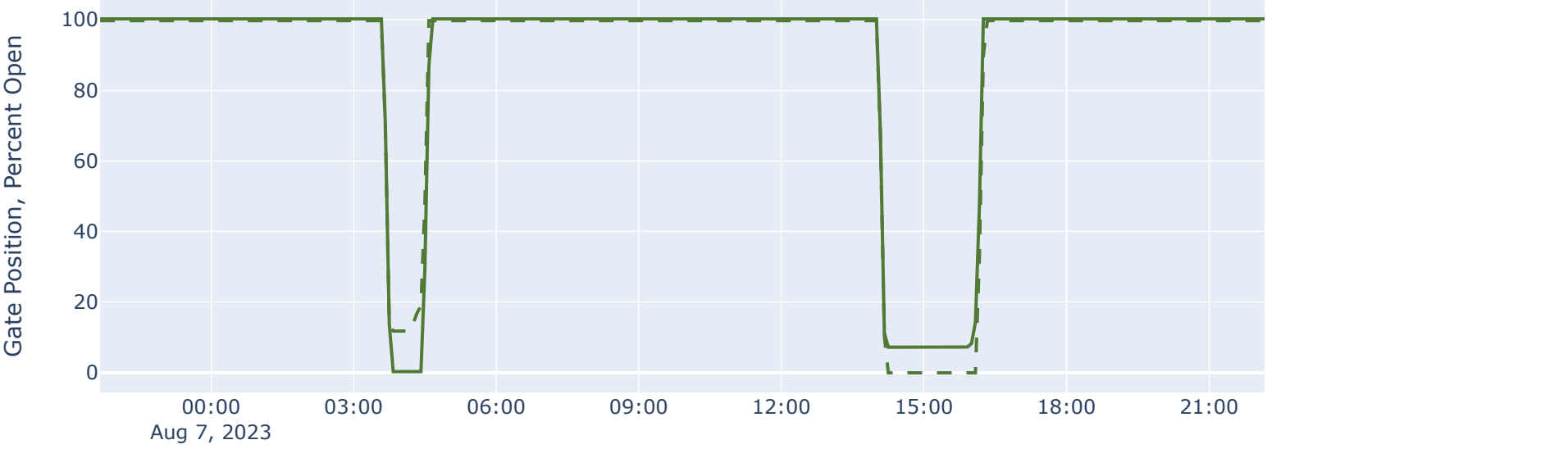
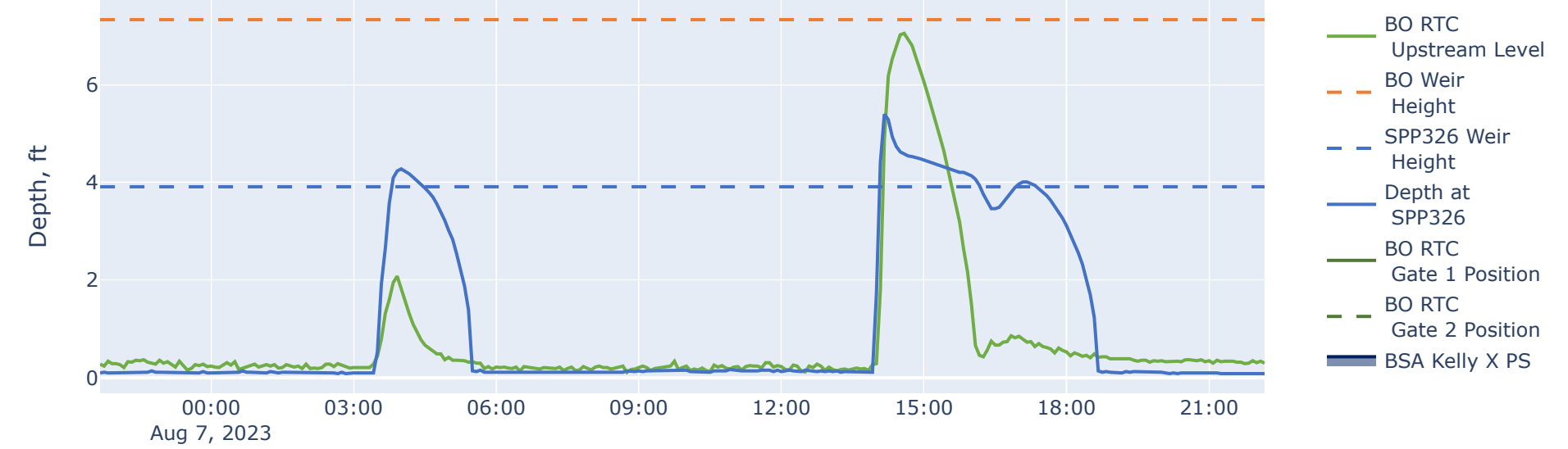
August 06, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/06/2023 21:40
Event End Date/Time	08/07/2023 22:10
Total Rainfall Accumulation (in)	0.5
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.522
Percent Captured (%)	36
Unused Storage Volume (MG)	0.041
Overflow Before Storage Full	Yes
Storage Utilization (%)	93
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.942
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.942
Overflow Duration (hr)	13.5

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.29	0.29
Site Return to Normal Depth (ft)	0.43	0.57
Time Activated	08/07/2023 03:35	08/07/2023 03:35
Time Returned to Normal	08/07/2023 16:15	08/07/2023 16:20

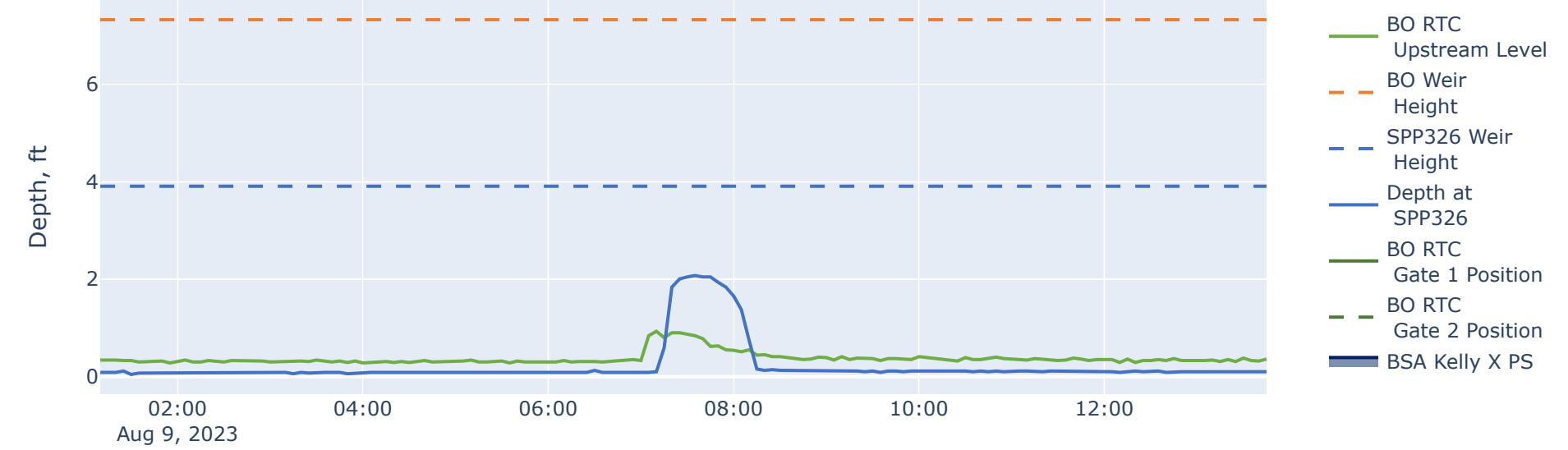
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.05
Volume Stored (MG)	0.522
Unused Storage Volume (MG)	0.041
RTC Depth at Overflow Start (ft)	1.95
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



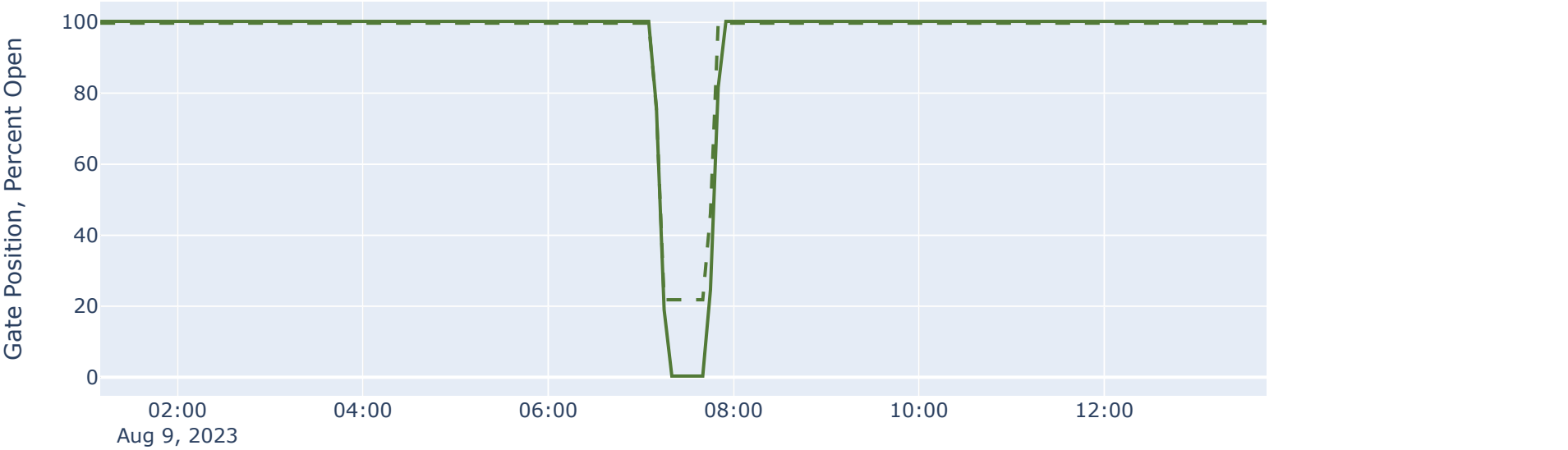
August 09, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/09/2023 01:10
Event End Date/Time	08/09/2023 13:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

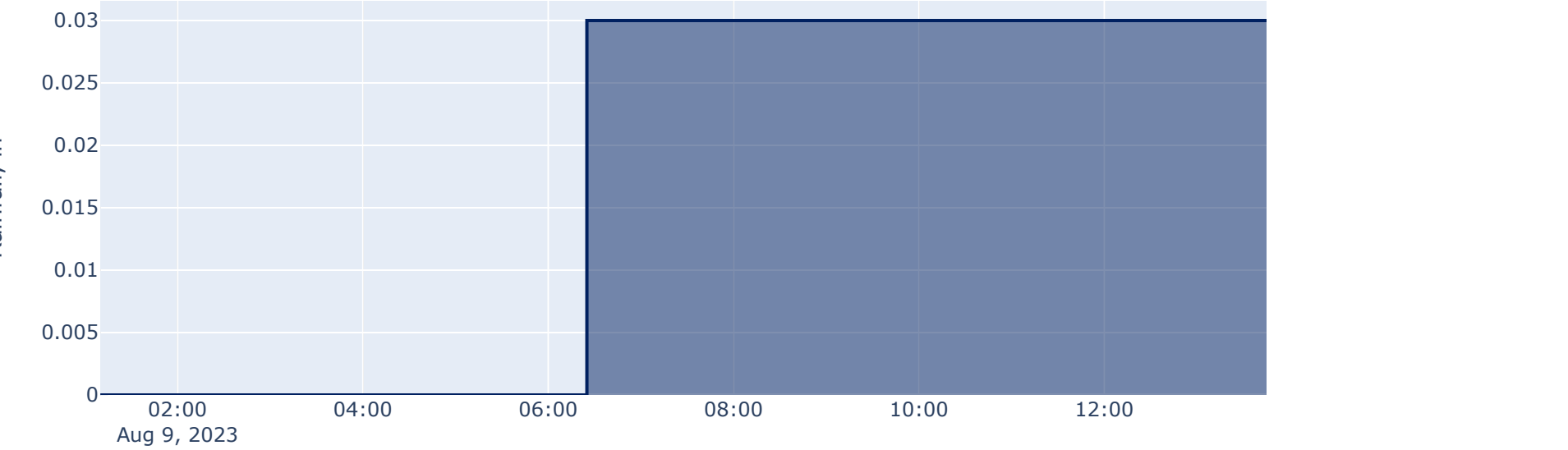
Overflow Data	Value
Overflow Volume Prevented (MG)	0.002
Percent Captured (%)	100
Unused Storage Volume (MG)	0.553
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.84	0.84
Site Return to Normal Depth (ft)	0.55	0.63
Time Activated	08/09/2023 07:05	08/09/2023 07:05
Time Returned to Normal	08/09/2023 07:55	08/09/2023 07:50



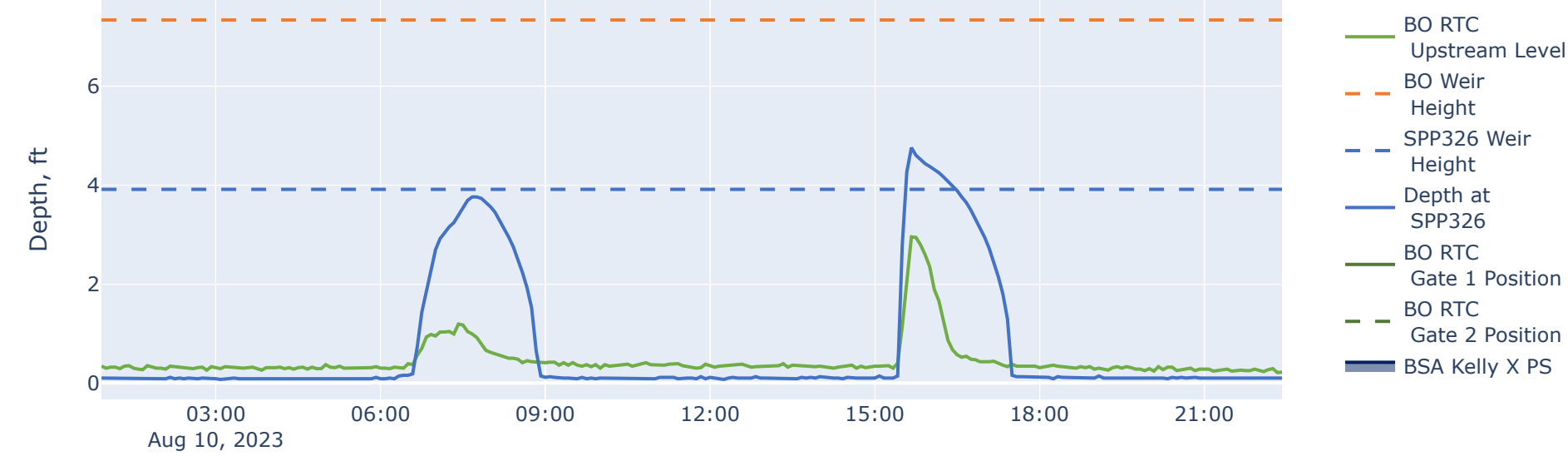
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.93
Volume Stored (MG)	0.002
Unused Storage Volume (MG)	0.553
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



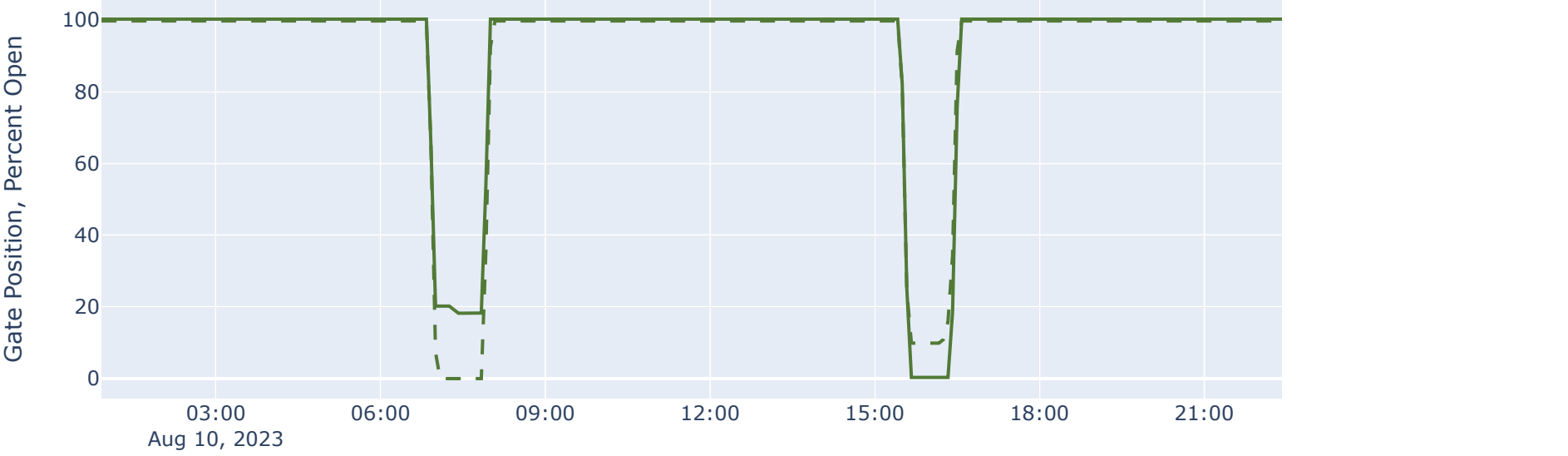
August 10, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/10/2023 00:55
Event End Date/Time	08/10/2023 22:25
Total Rainfall Accumulation (in)	0.54
Maximum Rainfall Intensity (in/hr)	1.8
Storm Event Duration (hr)	5.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

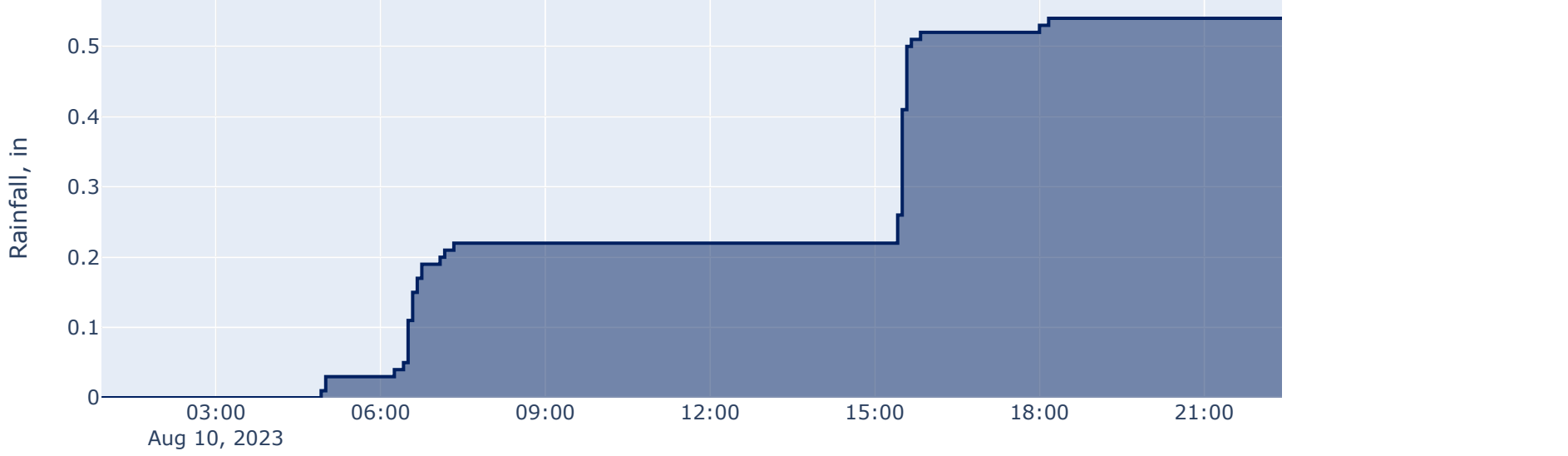
Overflow Data	Value
Overflow Volume Prevented (MG)	0.096
Percent Captured (%)	28
Unused Storage Volume (MG)	0.466
Overflow Before Storage Full	Yes
Storage Utilization (%)	17
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.246
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.246
Overflow Duration (hr)	0.83



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.4	0.4
Site Return to Normal Depth (ft)	0.52	0.52
Time Activated	08/10/2023 06:50	08/10/2023 06:50
Time Returned to Normal	08/10/2023 16:35	08/10/2023 16:35



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.95
Volume Stored (MG)	0.096
Unused Storage Volume (MG)	0.466
RTC Depth at Overflow Start (ft)	2.1
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



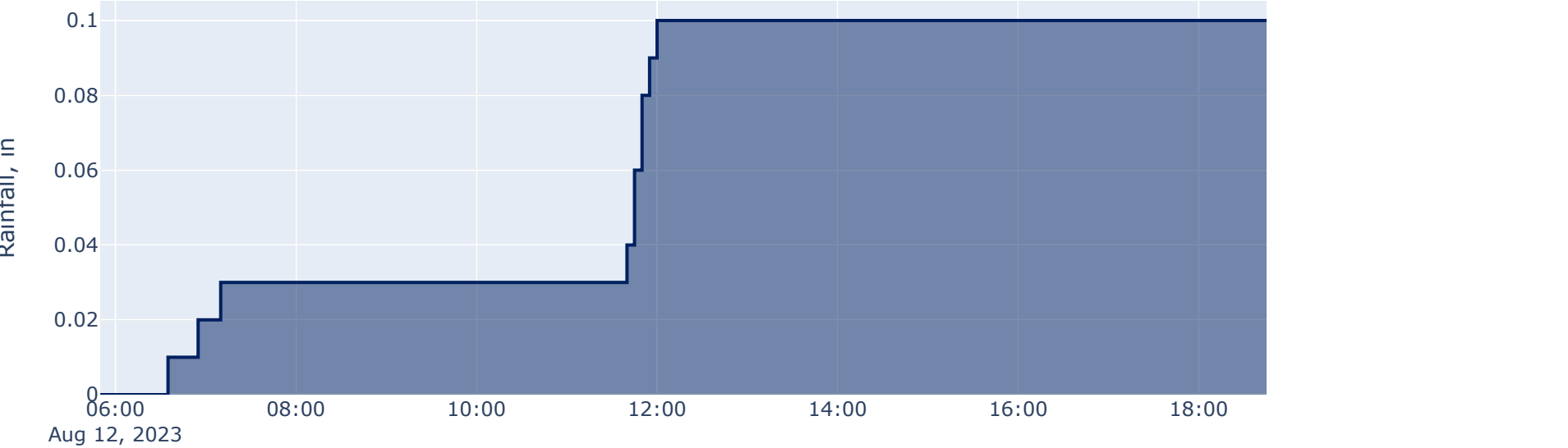
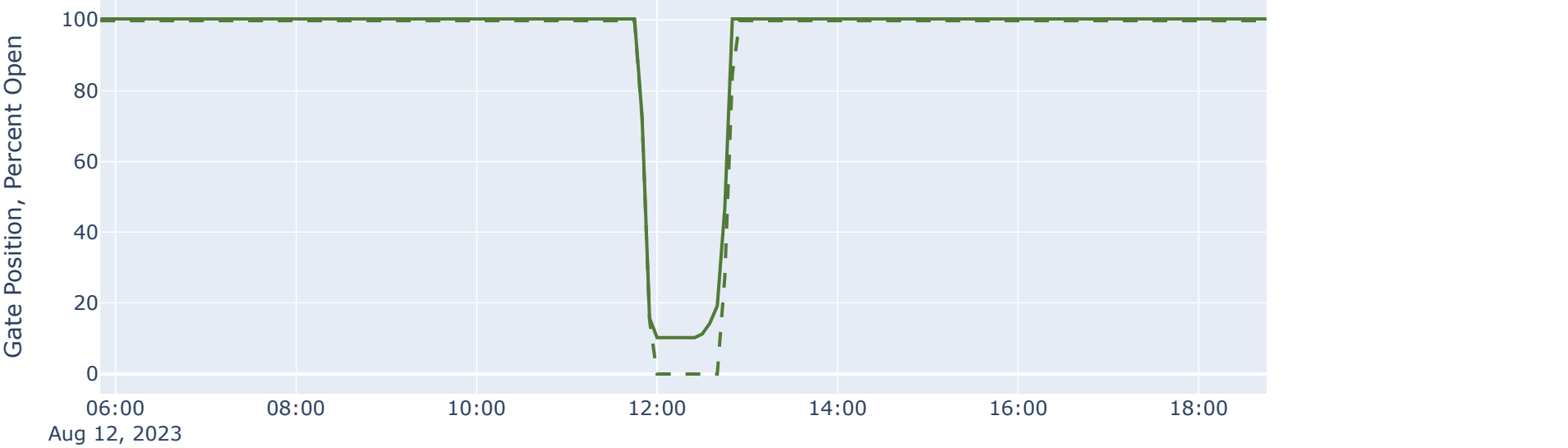
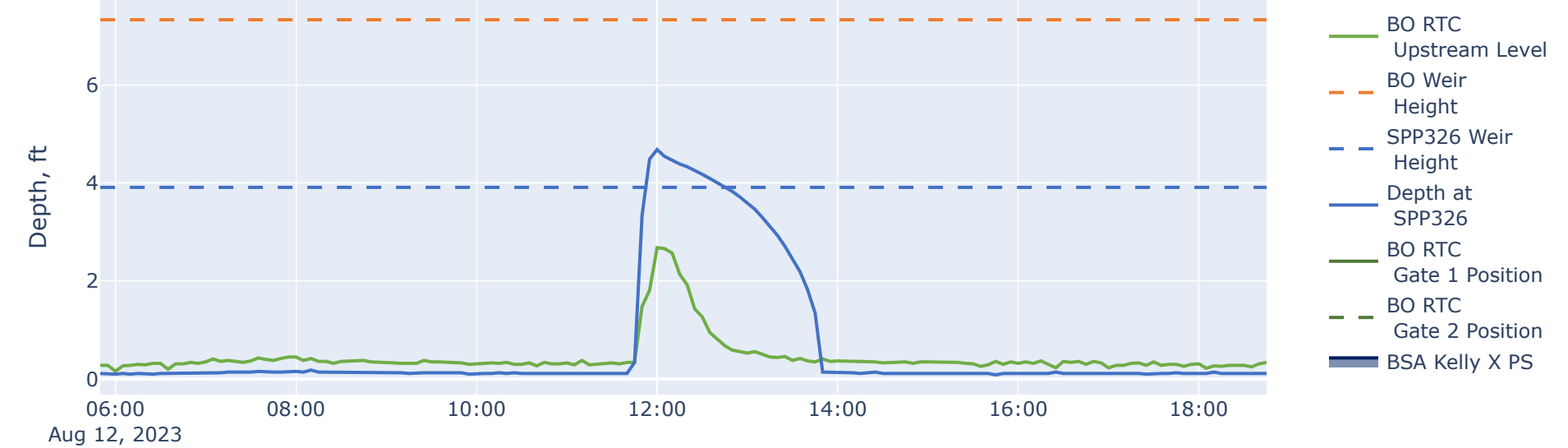
August 12, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/12/2023 05:50
Event End Date/Time	08/12/2023 18:45
Total Rainfall Accumulation (in)	0.1
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	5.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.08
Percent Captured (%)	26
Unused Storage Volume (MG)	0.483
Overflow Before Storage Full	Yes
Storage Utilization (%)	14
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.226
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.226
Overflow Duration (hr)	0.83

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.34	0.34
Site Return to Normal Depth (ft)	0.59	0.57
Time Activated	08/12/2023 11:45	08/12/2023 11:45
Time Returned to Normal	08/12/2023 12:50	08/12/2023 12:55

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.68
Volume Stored (MG)	0.08
Unused Storage Volume (MG)	0.483
RTC Depth at Overflow Start (ft)	1.81
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



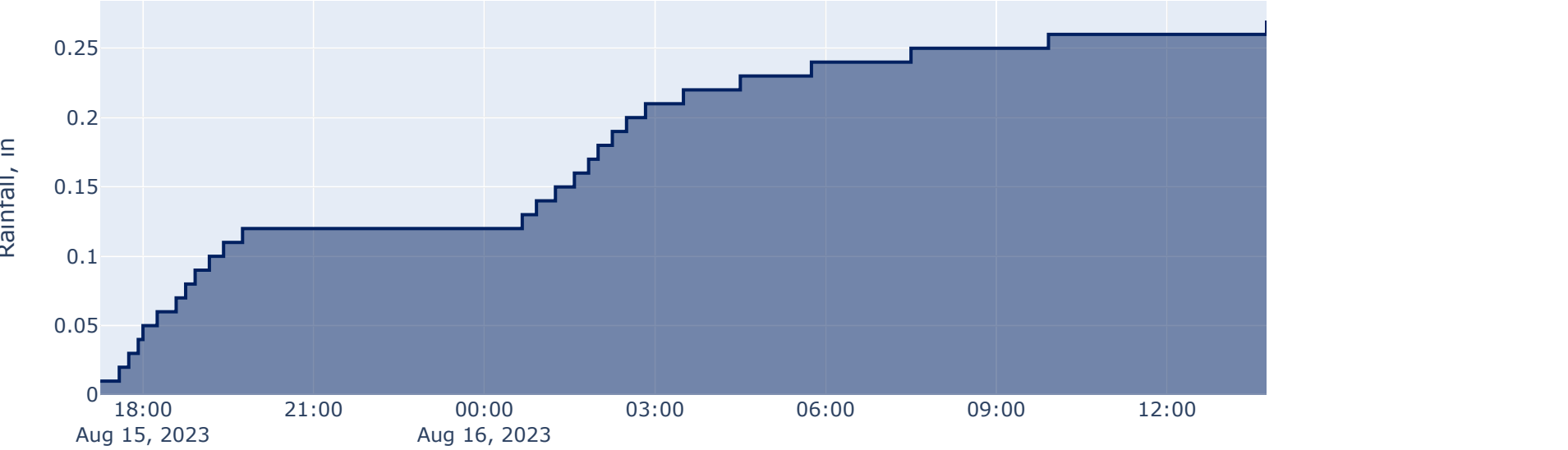
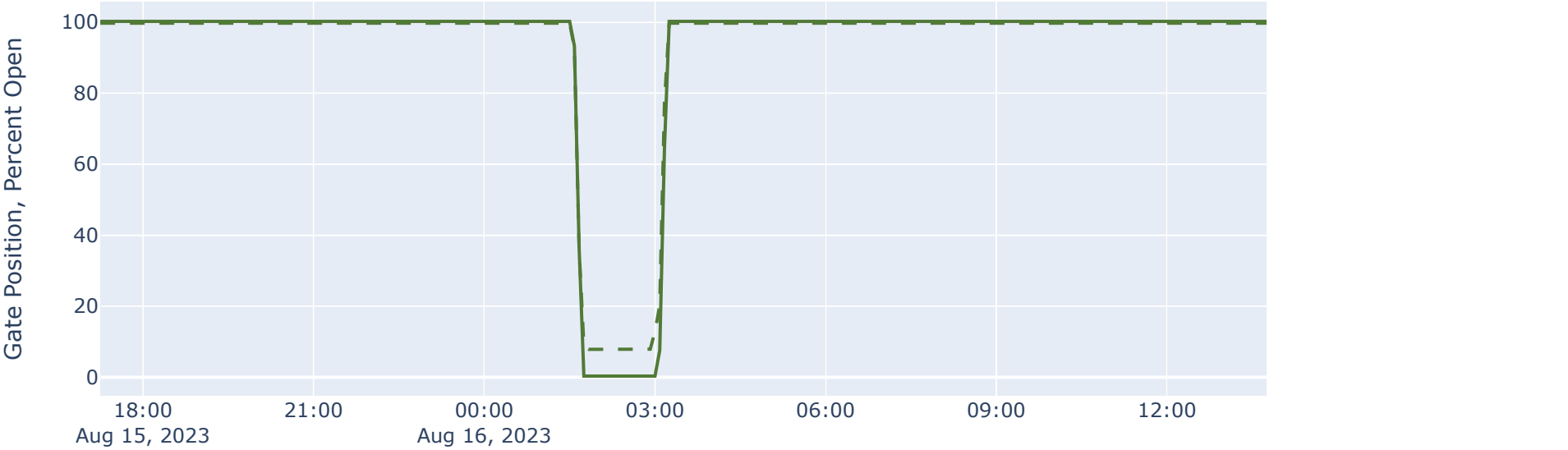
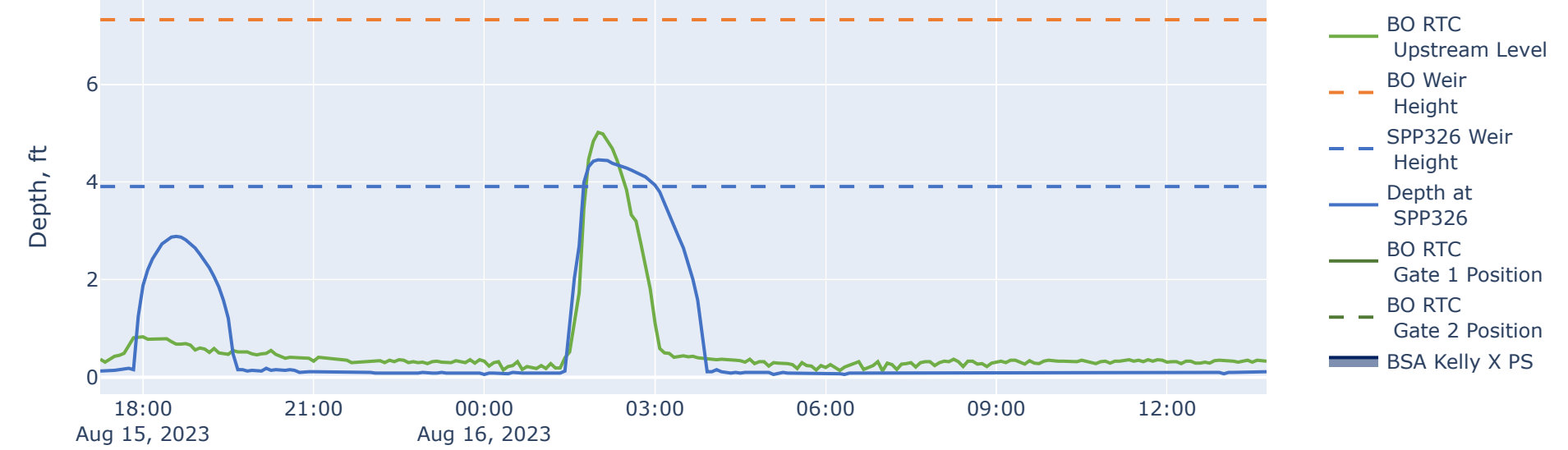
August 15, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/15/2023 17:15
Event End Date/Time	08/16/2023 13:45
Total Rainfall Accumulation (in)	0.27
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	20.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.267
Percent Captured (%)	50
Unused Storage Volume (MG)	0.294
Overflow Before Storage Full	Yes
Storage Utilization (%)	48
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.264
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.264
Overflow Duration (hr)	1.25

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.52	0.52
Site Return to Normal Depth (ft)	0.49	0.49
Time Activated	08/16/2023 01:30	08/16/2023 01:30
Time Returned to Normal	08/16/2023 03:15	08/16/2023 03:15

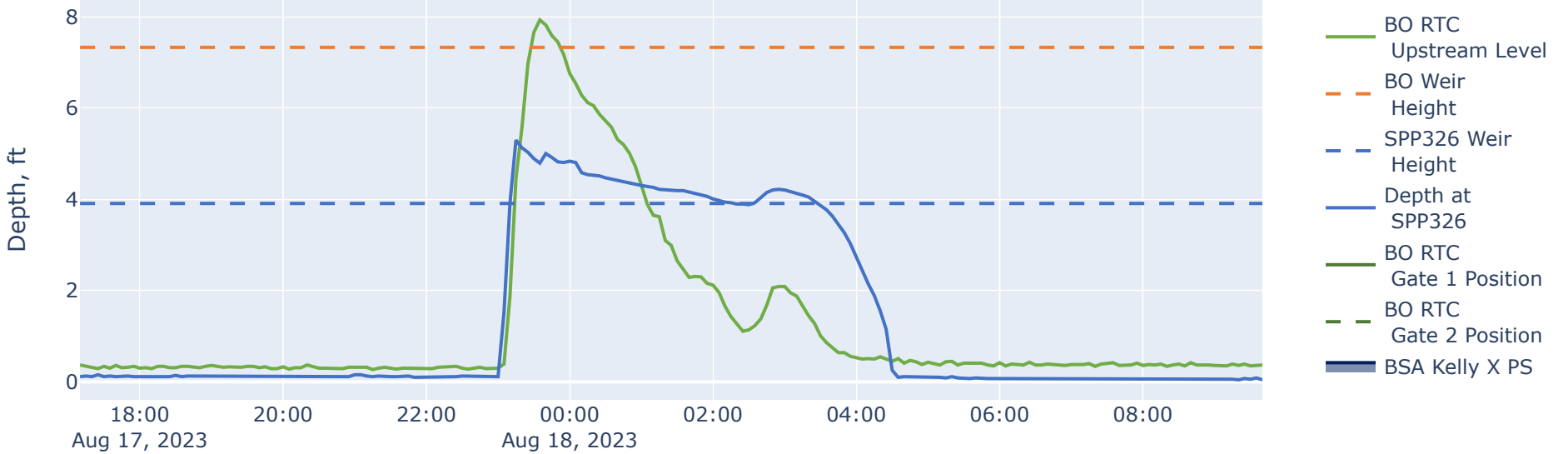
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	5.02
Volume Stored (MG)	0.267
Unused Storage Volume (MG)	0.294
RTC Depth at Overflow Start (ft)	3.46
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



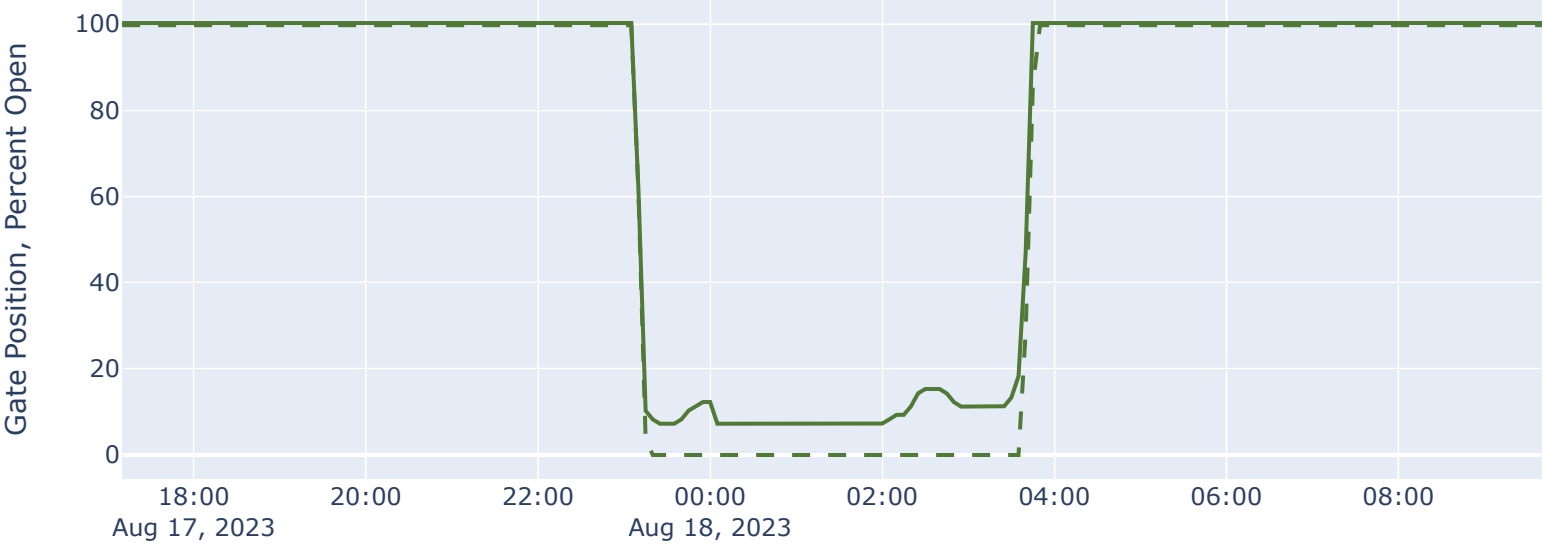
August 17, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/17/2023 17:10
Event End Date/Time	08/18/2023 09:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

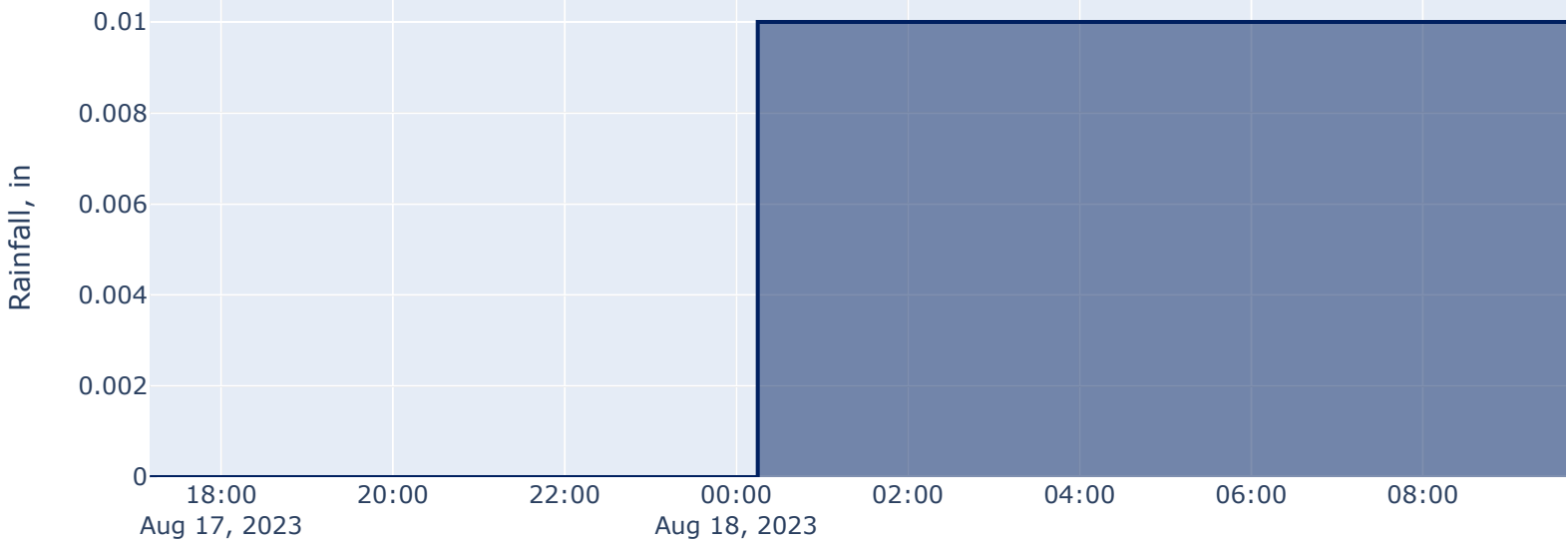
Overflow Data	Value
Overflow Volume Prevented (MG)	0.562
Percent Captured (%)	29
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.355
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.355
Overflow Duration (hr)	4.25



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.39	0.39
Site Return to Normal Depth (ft)	0.64	0.64
Time Activated	08/17/2023 23:05	08/17/2023 23:05
Time Returned to Normal	08/18/2023 03:45	08/18/2023 03:50



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.562
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.89
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



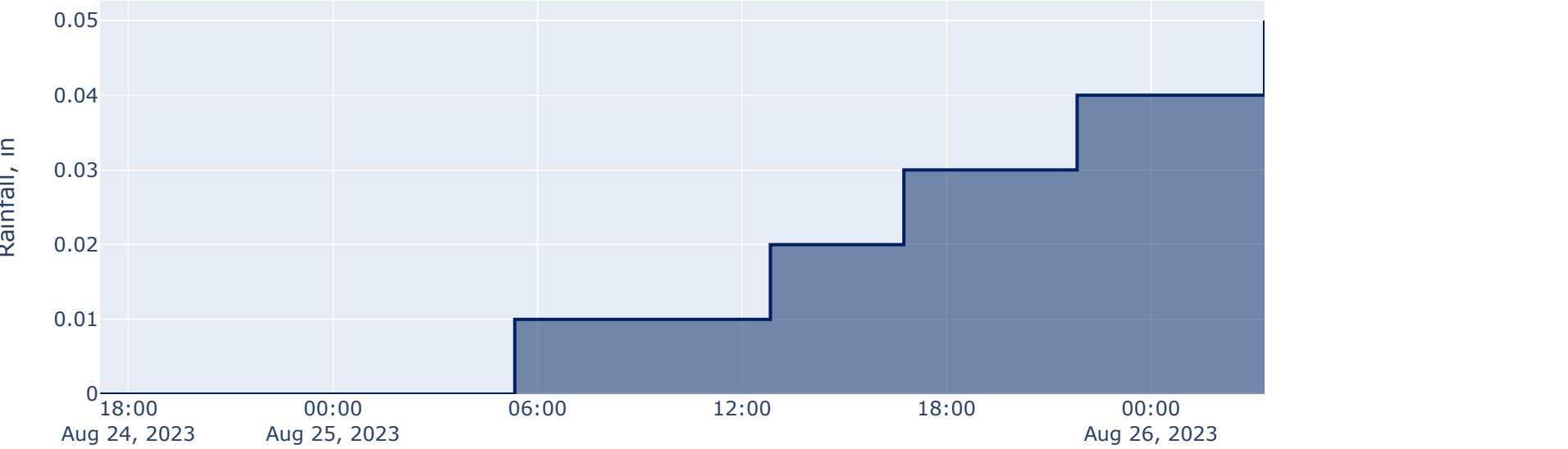
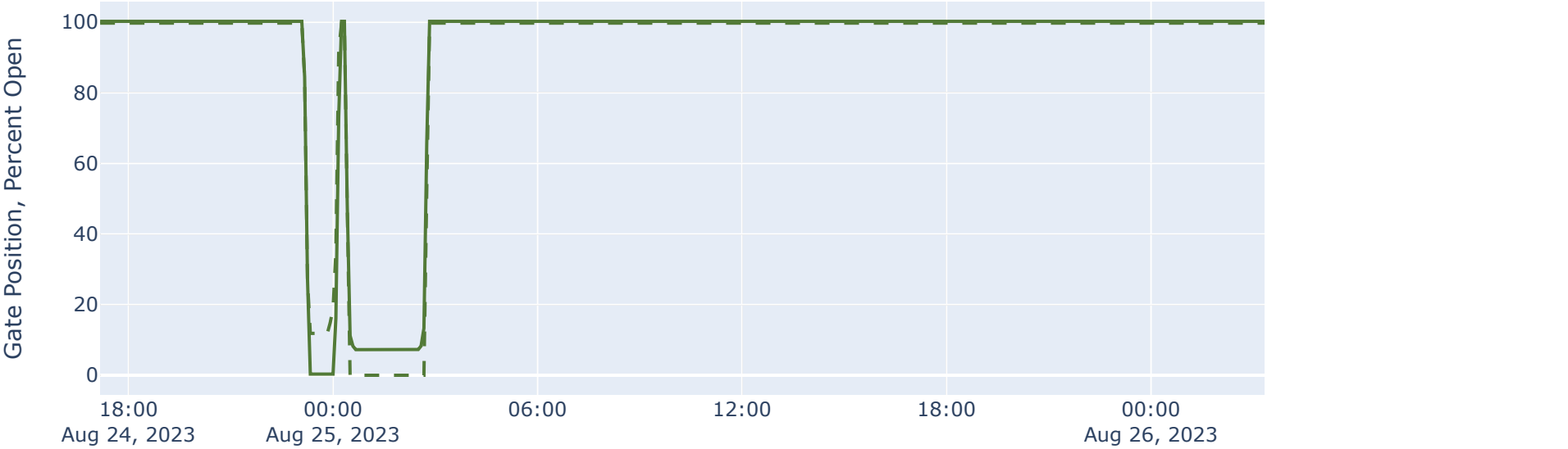
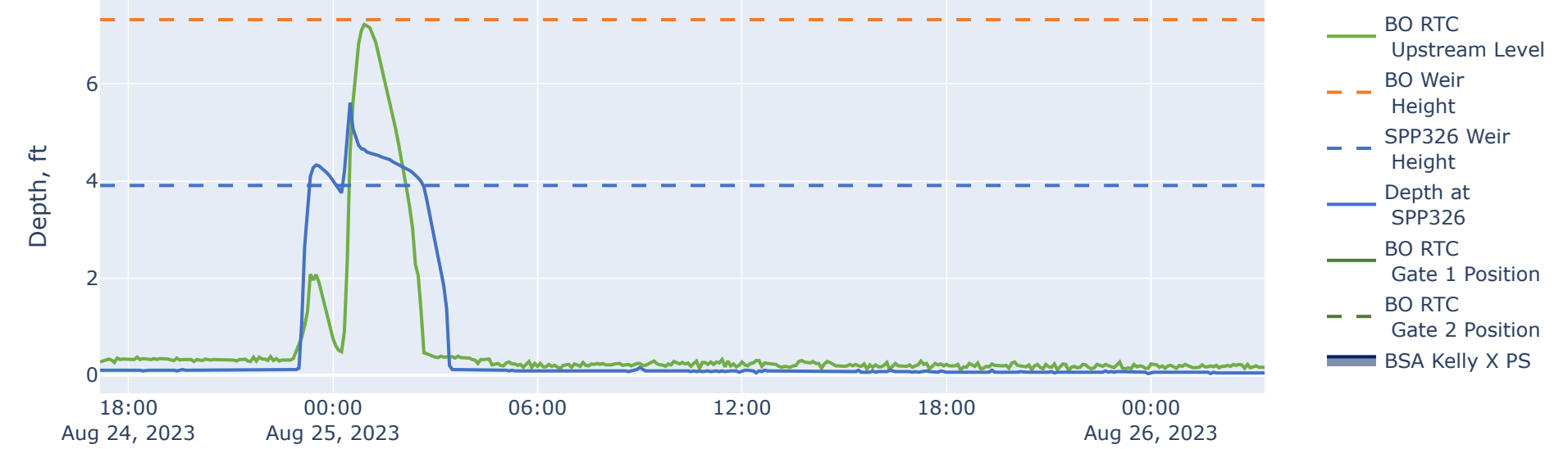
August 24, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	08/24/2023 17:10
Event End Date/Time	08/26/2023 03:20
Total Rainfall Accumulation (in)	0.04
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	14.5
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

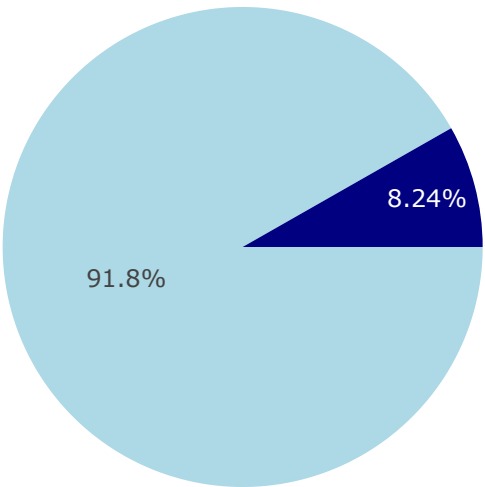
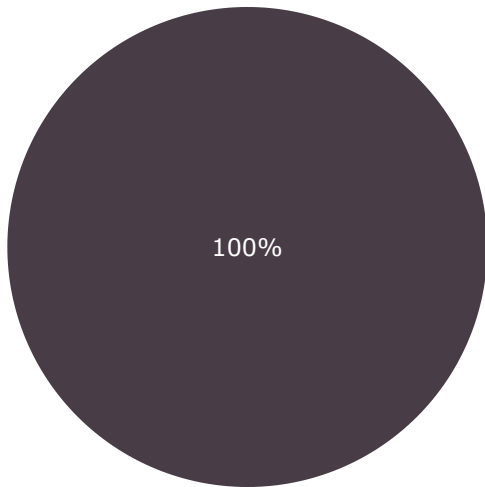
Overflow Data	Value
Overflow Volume Prevented (MG)	0.541
Percent Captured (%)	32
Unused Storage Volume (MG)	0.015
Overflow Before Storage Full	Yes
Storage Utilization (%)	97
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.152
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.152
Overflow Duration (hr)	3.25

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.78	0.78
Site Return to Normal Depth (ft)	0.41	0.41
Time Activated	08/24/2023 23:05	08/24/2023 23:05
Time Returned to Normal	08/25/2023 02:50	08/25/2023 02:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.23
Volume Stored (MG)	0.541
Unused Storage Volume (MG)	0.015
RTC Depth at Overflow Start (ft)	2.08
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Sep2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	3	1.183	13.172	0.59

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
September 06, 2023	0.45	11.872	0.558	4	0.0	100	Good
September 12, 2023	0.0	1.131	0.561	33	0.0	100	Good
September 18, 2023	0.0	0.169	0.064	27	0.498	11	Good

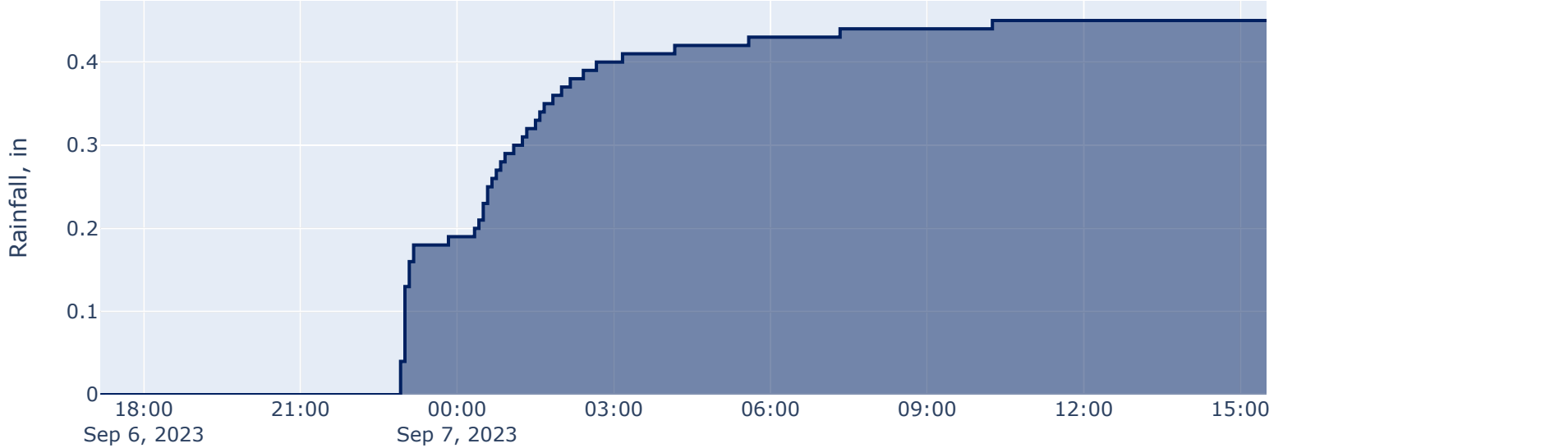
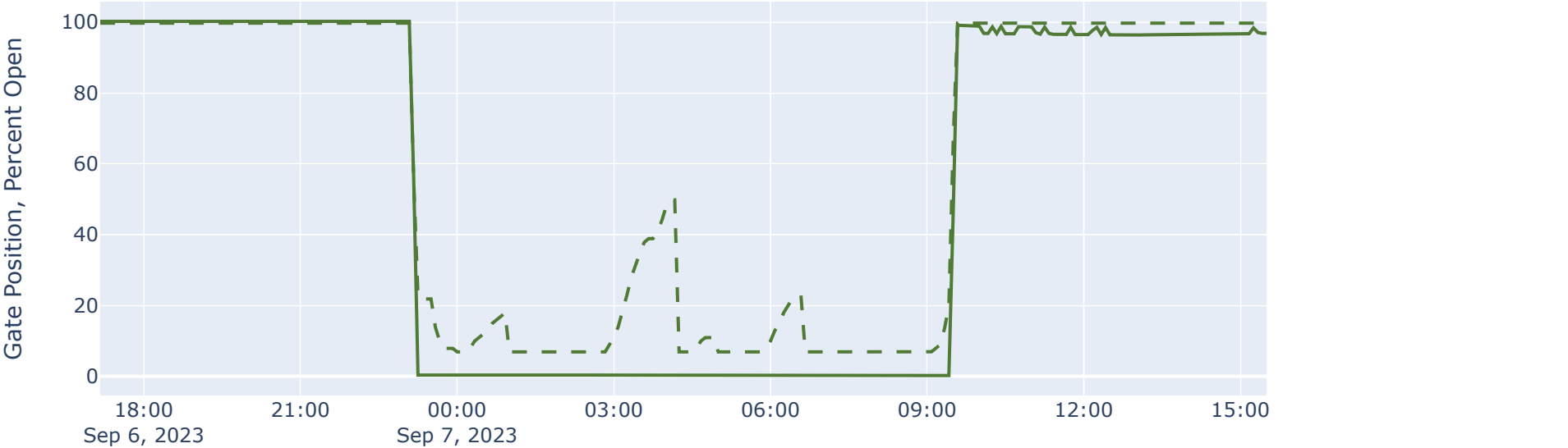
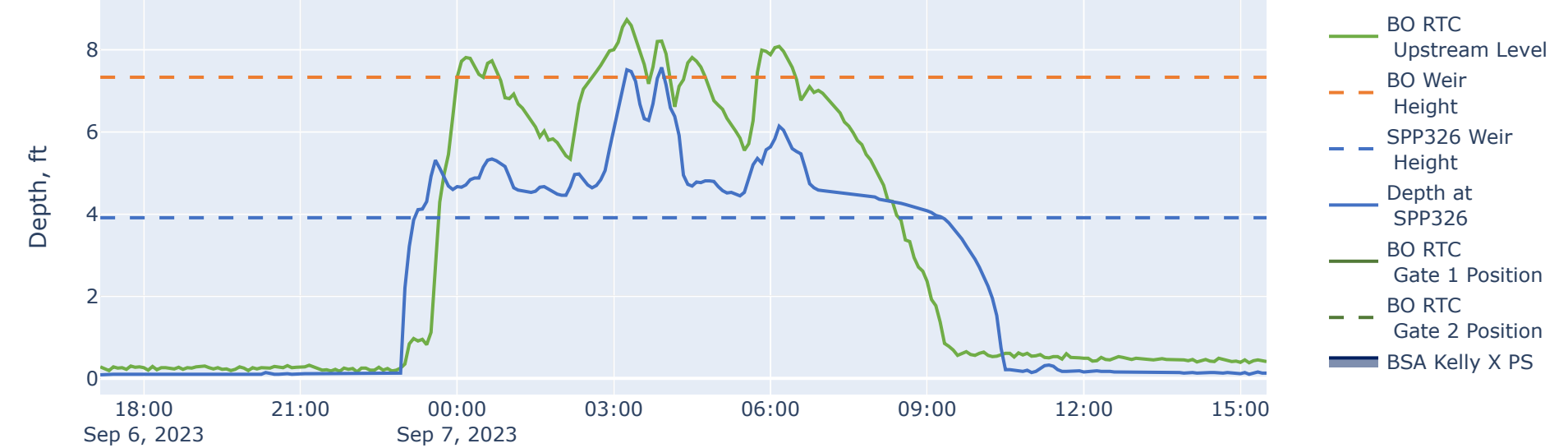
September 06, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	09/06/2023 17:10
Event End Date/Time	09/07/2023 15:30
Total Rainfall Accumulation (in)	0.45
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	11.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.558
Percent Captured (%)	4
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	11.872
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	11.872
Overflow Duration (hr)	10.0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.59	0.84
Site Return to Normal Depth (ft)	0.56	0.56
Time Activated	09/06/2023 23:05	09/06/2023 23:05
Time Returned to Normal	09/07/2023 09:35	09/07/2023 09:35

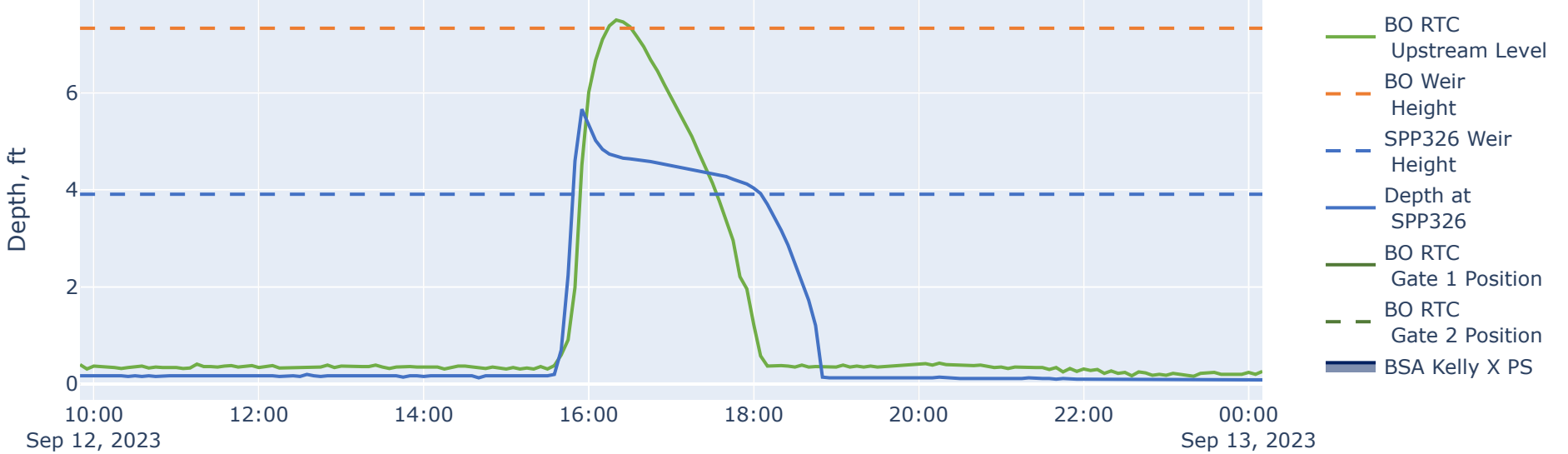
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.558
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	0.91
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



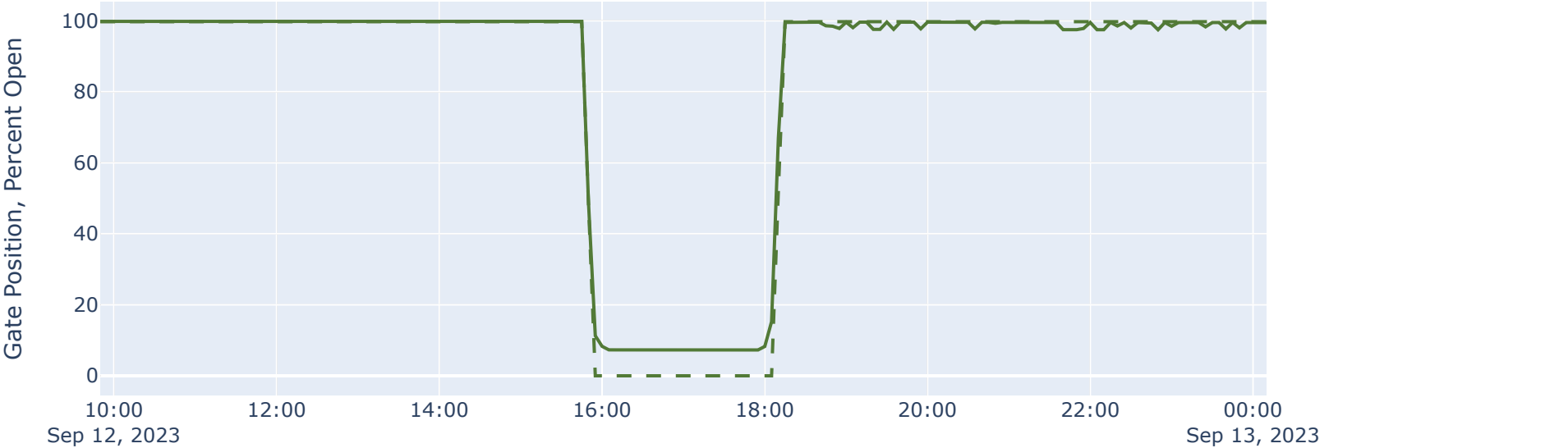
September 12, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	09/12/2023 09:50
Event End Date/Time	09/13/2023 00:10
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

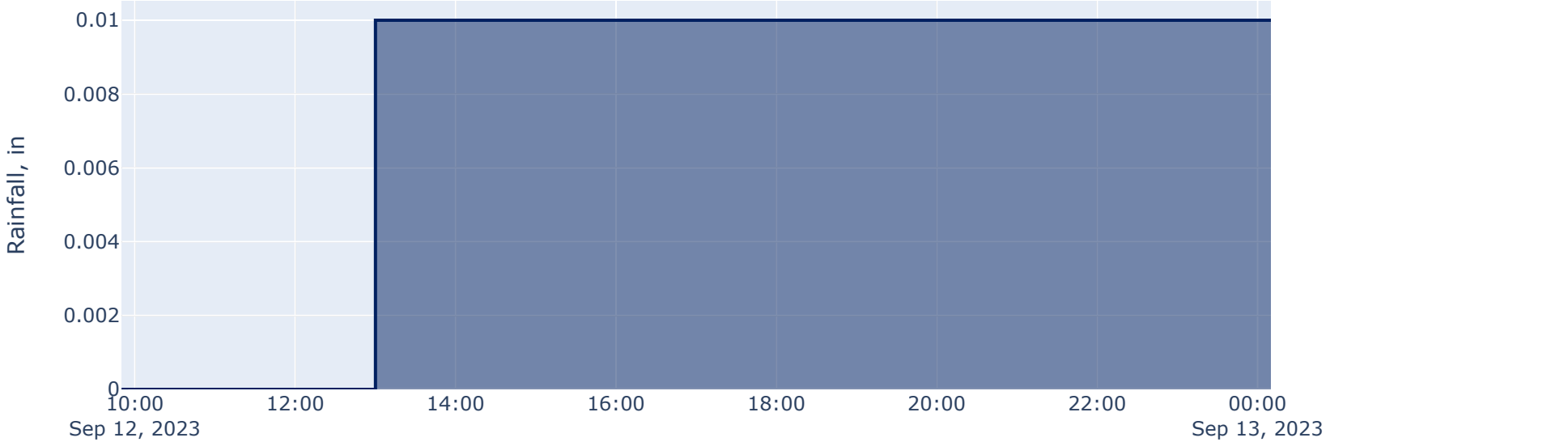
Overflow Data	Value
Overflow Volume Prevented (MG)	0.561
Percent Captured (%)	33
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.131
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.131
Overflow Duration (hr)	2.25



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.16	0.91
Site Return to Normal Depth (ft)	0.2	0.38
Time Activated	09/12/2023 15:45	09/12/2023 15:45
Time Returned to Normal	09/12/2023 23:55	09/12/2023 18:15



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.561
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.99
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



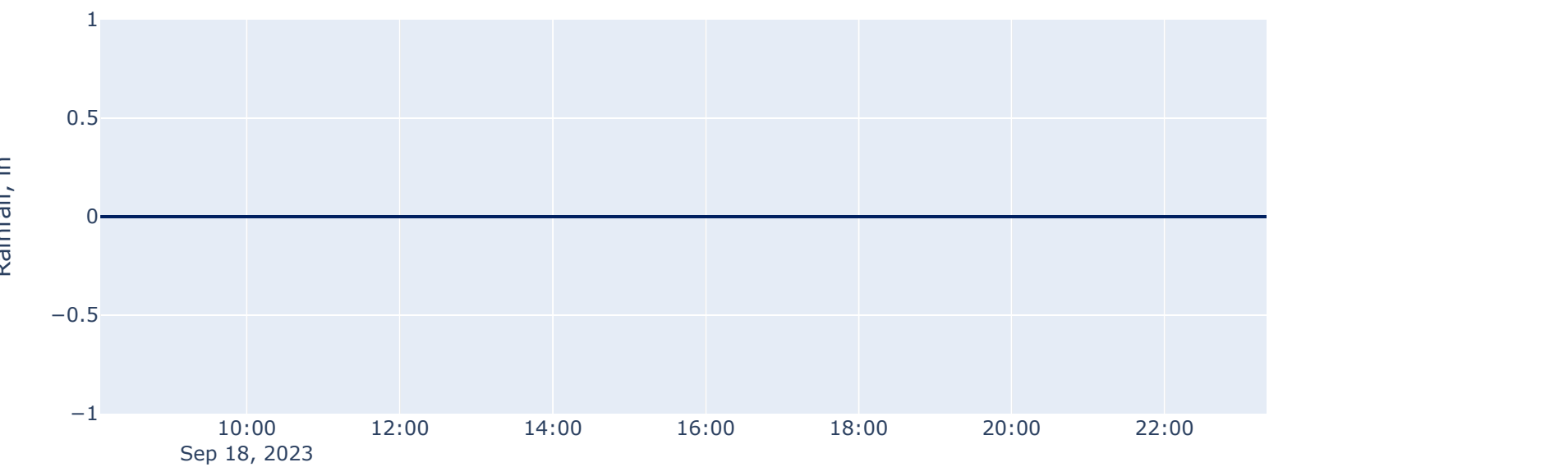
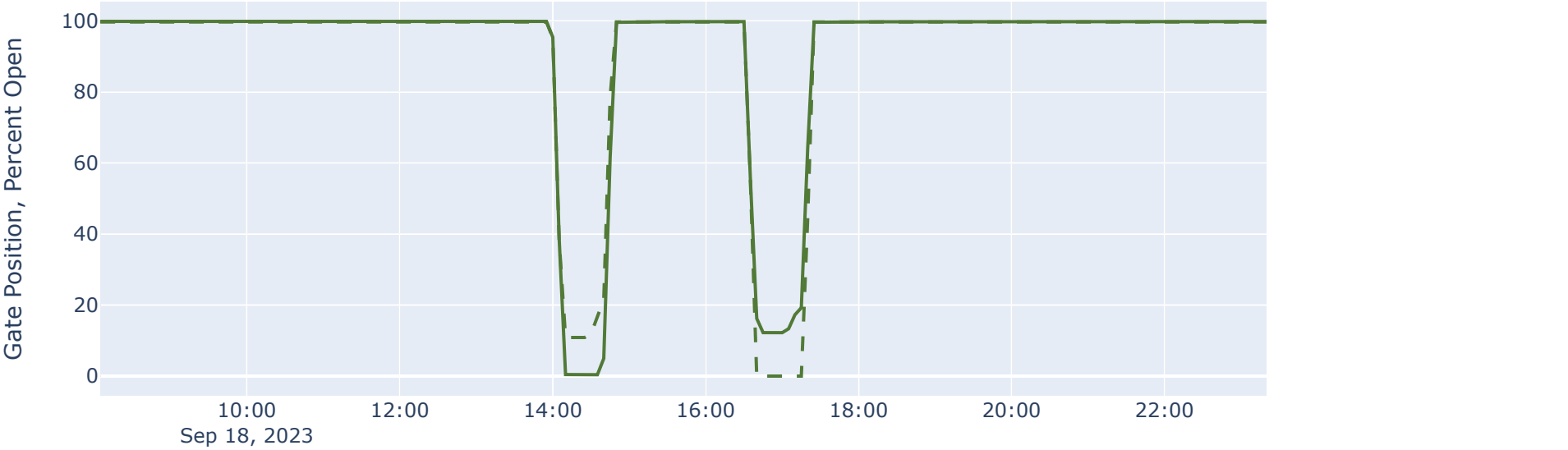
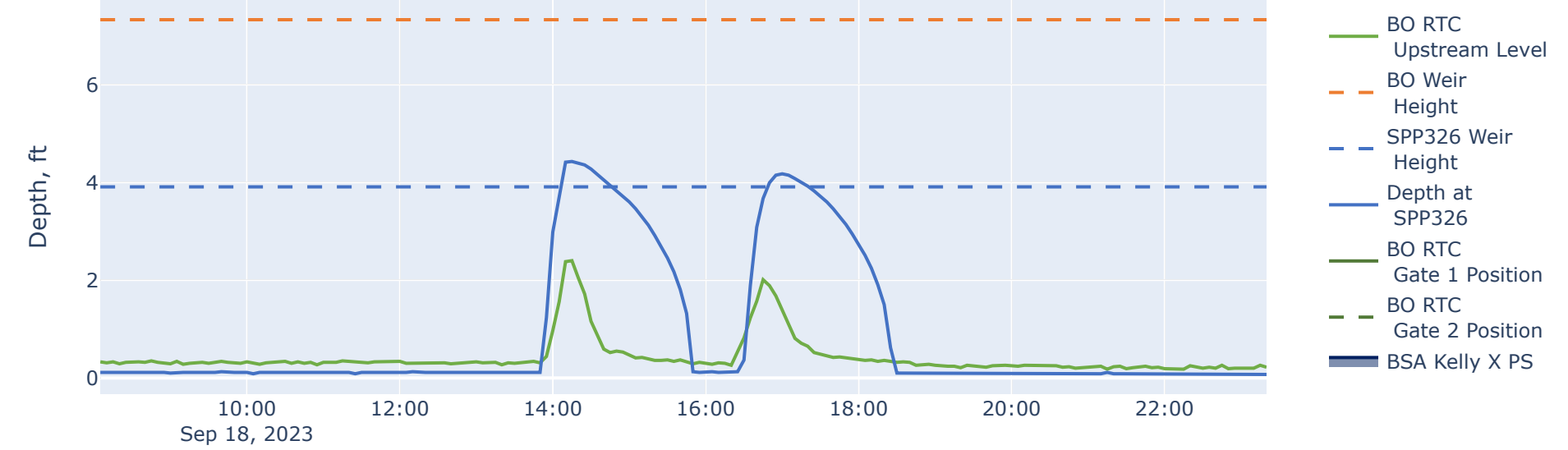
September 18, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	09/18/2023 08:05
Event End Date/Time	09/18/2023 23:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

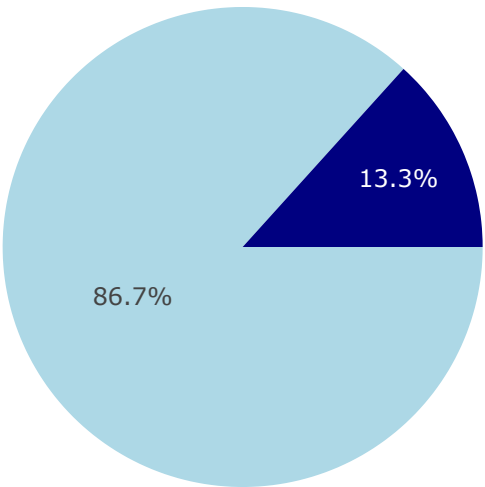
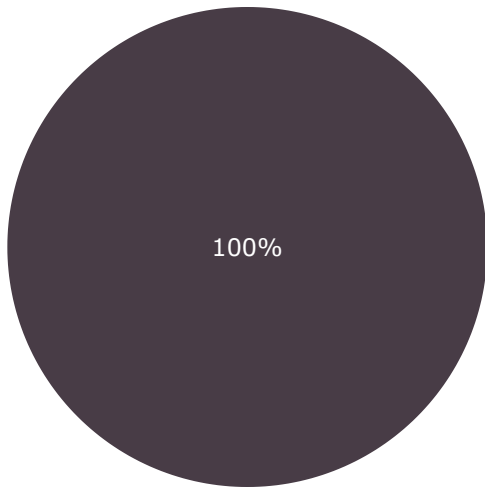
Overflow Data	Value
Overflow Volume Prevented (MG)	0.064
Percent Captured (%)	27
Unused Storage Volume (MG)	0.498
Overflow Before Storage Full	Yes
Storage Utilization (%)	11
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.169
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.169
Overflow Duration (hr)	3.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.44	0.44
Site Return to Normal Depth (ft)	0.52	0.52
Time Activated	09/18/2023 13:55	09/18/2023 13:55
Time Returned to Normal	09/18/2023 17:25	09/18/2023 17:25

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.4
Volume Stored (MG)	0.064
Unused Storage Volume (MG)	0.498
RTC Depth at Overflow Start (ft)	2.38
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Oct2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	5	0.820	5.343	3.99

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
October 05, 2023	0.55	0.231	0.043	16	0.513	8	Good
October 07, 2023	0.19	0.031	0.018	37	0.54	3	Good
October 10, 2023	1.27	3.787	0.558	13	0.0	100	Good
October 14, 2023	0.66	0.754	0.133	15	0.425	24	Good
October 29, 2023	0.65	0.54	0.068	11	0.486	12	Good

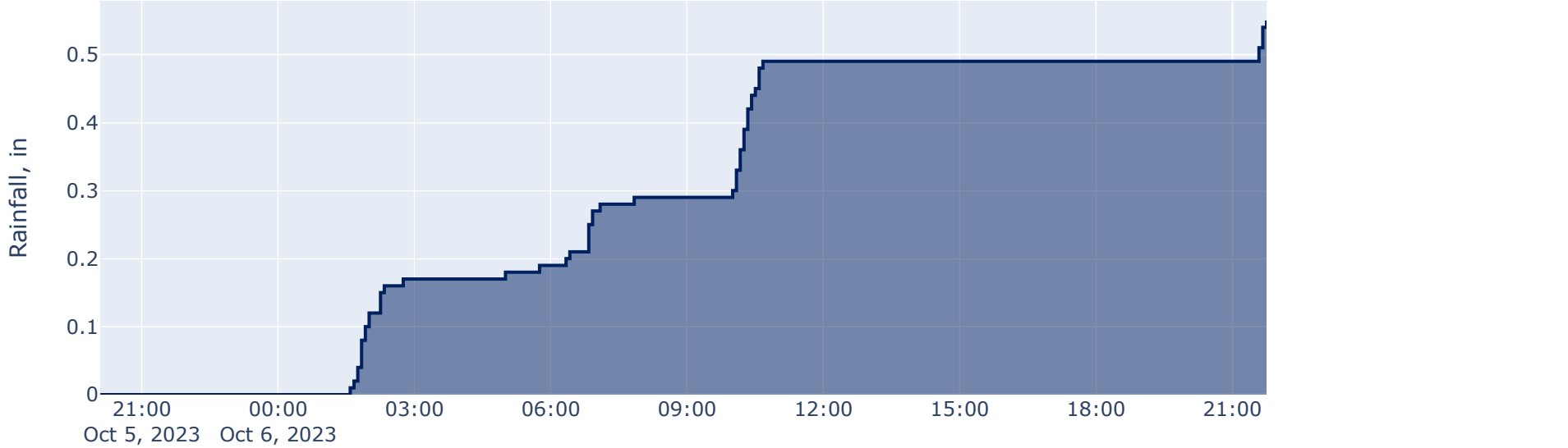
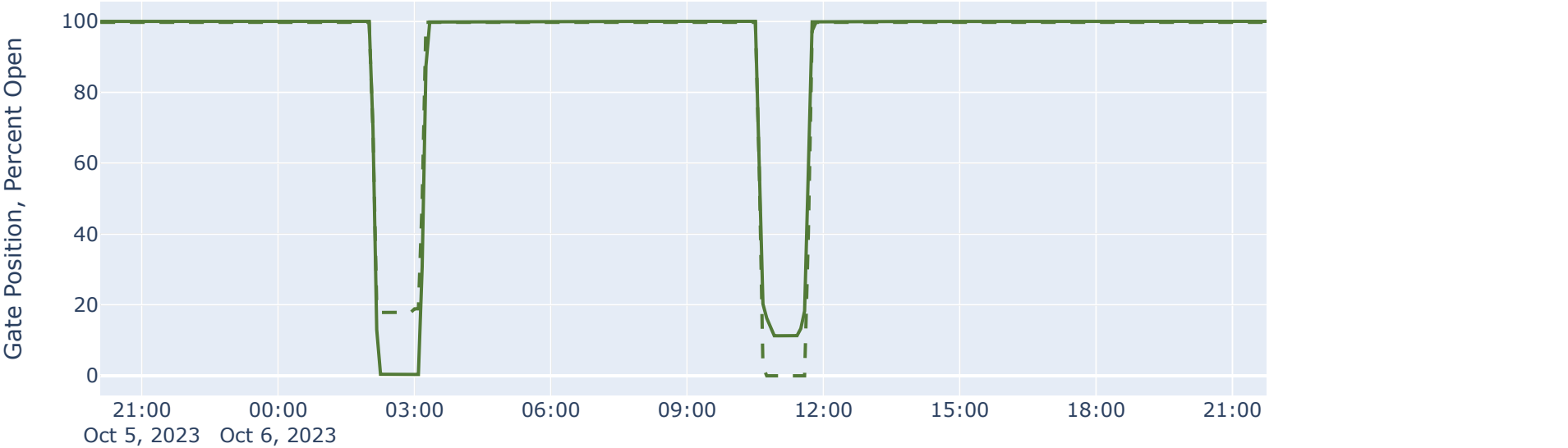
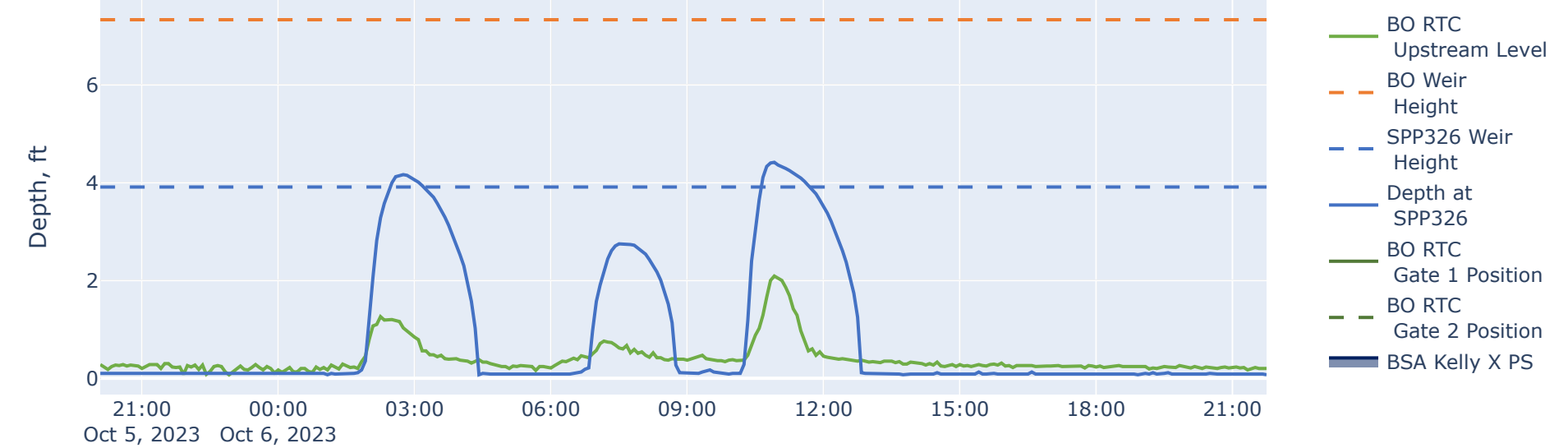
October 05, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	10/05/2023 20:05
Event End Date/Time	10/06/2023 21:45
Total Rainfall Accumulation (in)	0.55
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	9.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.043
Percent Captured (%)	16
Unused Storage Volume (MG)	0.513
Overflow Before Storage Full	Yes
Storage Utilization (%)	8
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.231
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.231
Overflow Duration (hr)	9.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.79	0.79
Site Return to Normal Depth (ft)	0.6	0.47
Time Activated	10/06/2023 02:00	10/06/2023 02:00
Time Returned to Normal	10/06/2023 11:45	10/06/2023 11:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.09
Volume Stored (MG)	0.043
Unused Storage Volume (MG)	0.513
RTC Depth at Overflow Start (ft)	1.2
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



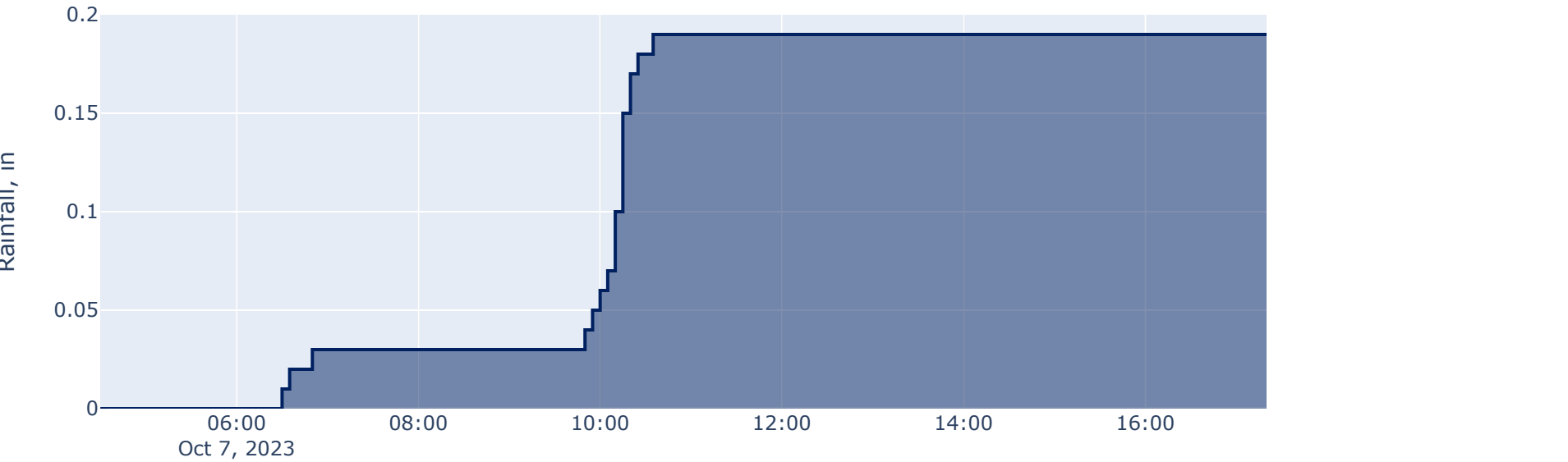
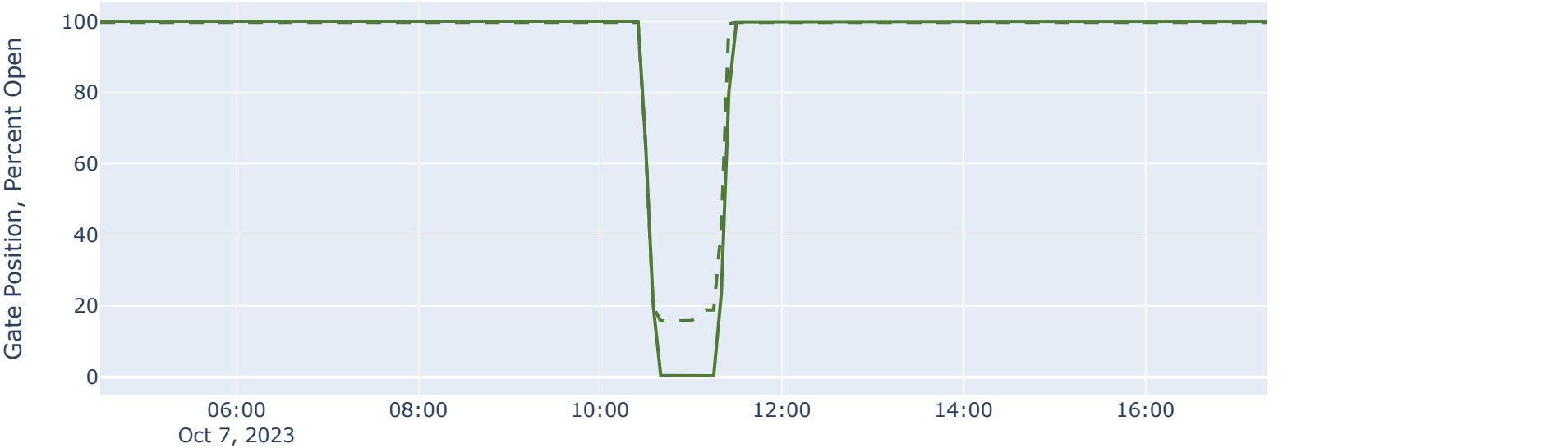
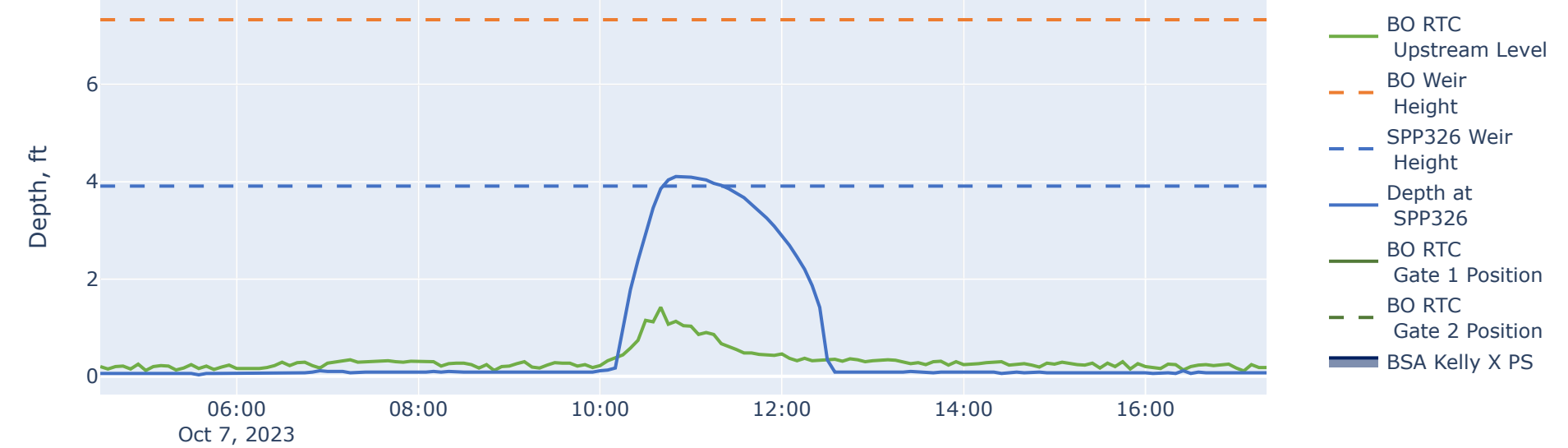
October 07, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	10/07/2023 04:30
Event End Date/Time	10/07/2023 17:20
Total Rainfall Accumulation (in)	0.19
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	4.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.018
Percent Captured (%)	37
Unused Storage Volume (MG)	0.54
Overflow Before Storage Full	Yes
Storage Utilization (%)	3
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.031
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.031
Overflow Duration (hr)	0.58

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.74	0.74
Site Return to Normal Depth (ft)	0.55	0.62
Time Activated	10/07/2023 10:25	10/07/2023 10:25
Time Returned to Normal	10/07/2023 11:30	10/07/2023 11:25

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.42
Volume Stored (MG)	0.018
Unused Storage Volume (MG)	0.54
RTC Depth at Overflow Start (ft)	1.07
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



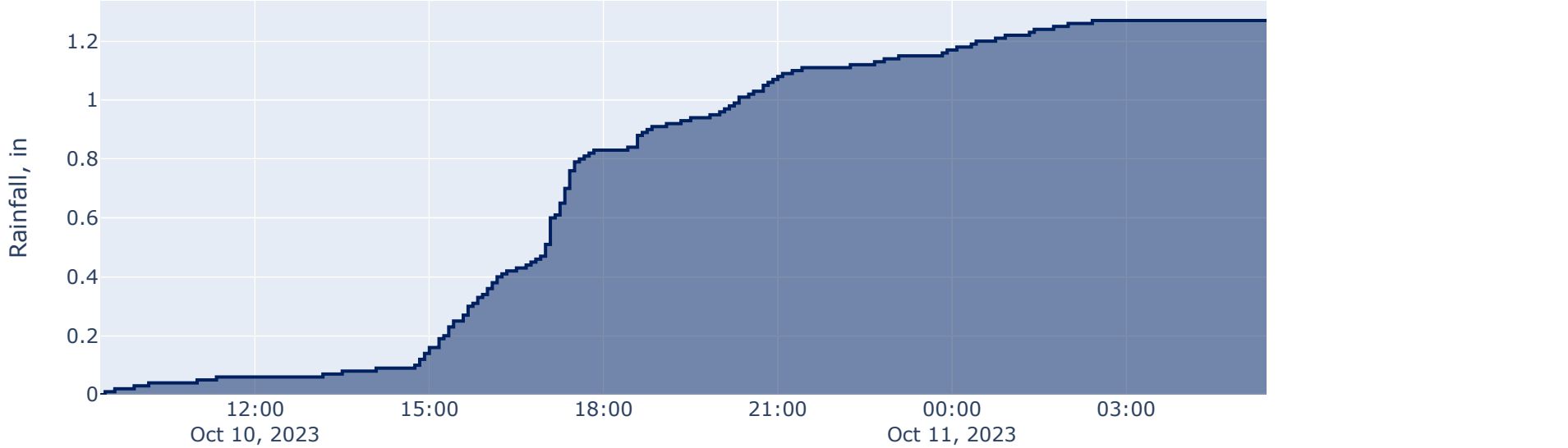
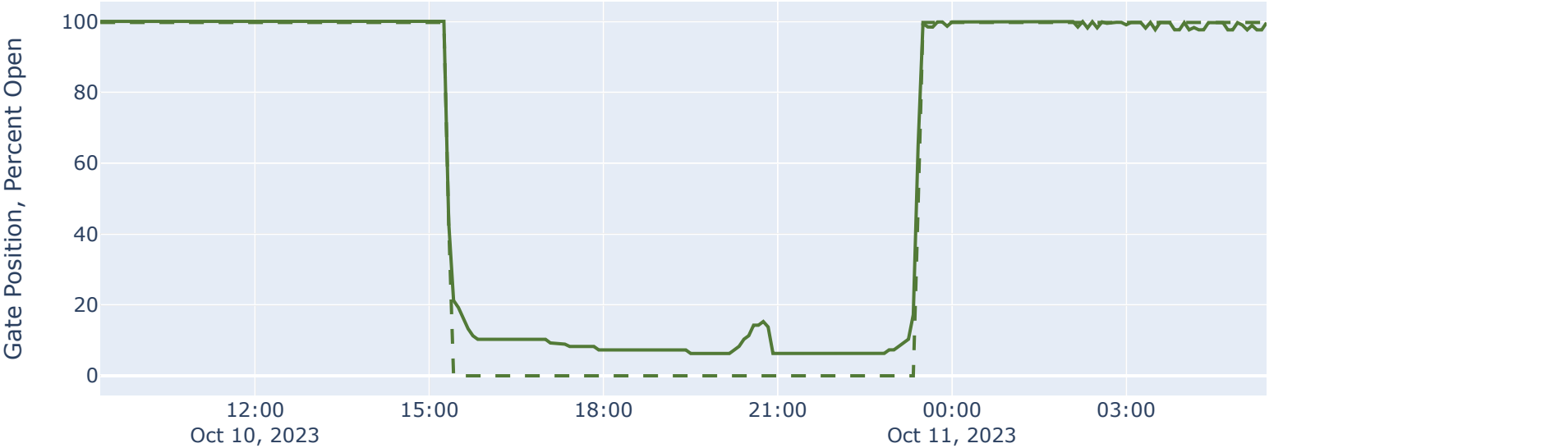
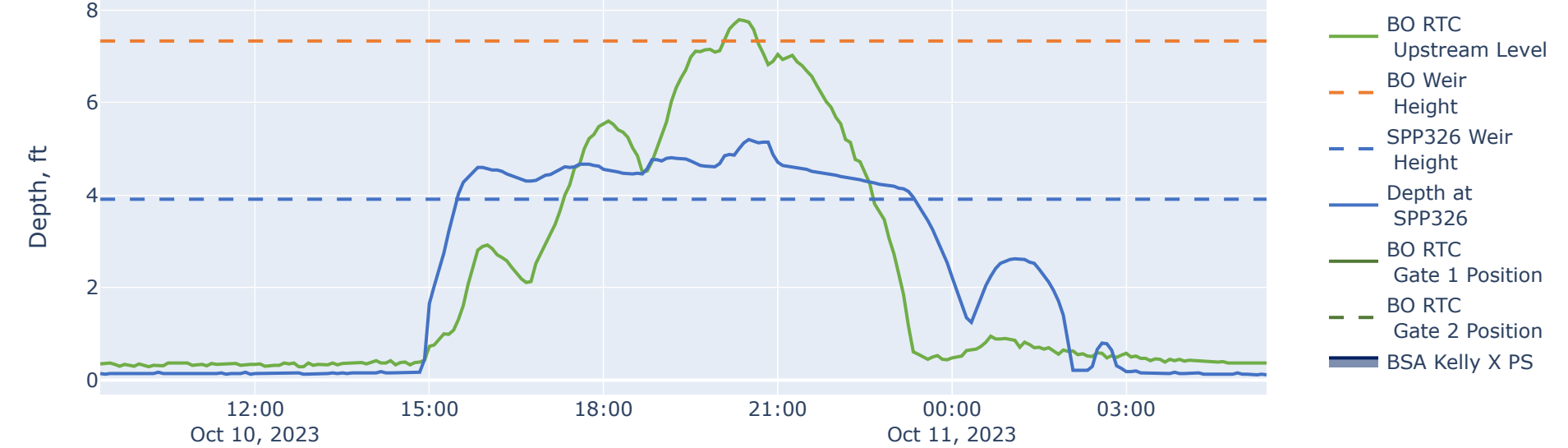
October 10, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	10/10/2023 09:20
Event End Date/Time	10/11/2023 05:25
Total Rainfall Accumulation (in)	1.27
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	17.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.558
Percent Captured (%)	13
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	3.787
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	3.787
Overflow Duration (hr)	7.83

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.38	1.0
Site Return to Normal Depth (ft)	0.37	0.5
Time Activated	10/10/2023 15:15	10/10/2023 15:15
Time Returned to Normal	10/11/2023 05:25	10/10/2023 23:30

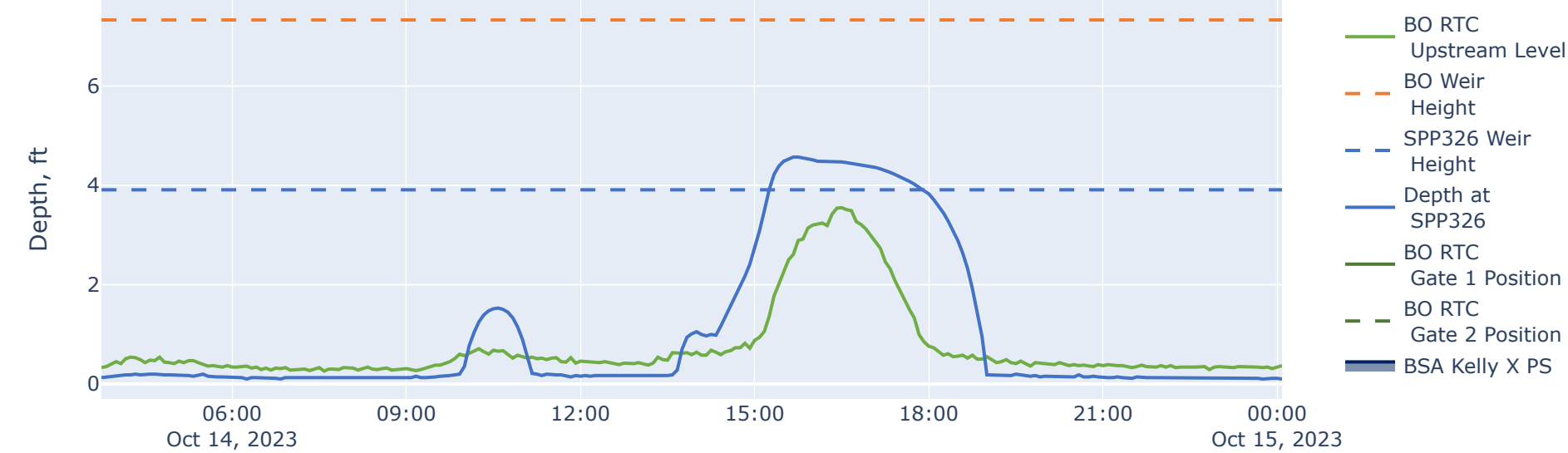
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.558
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.31
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



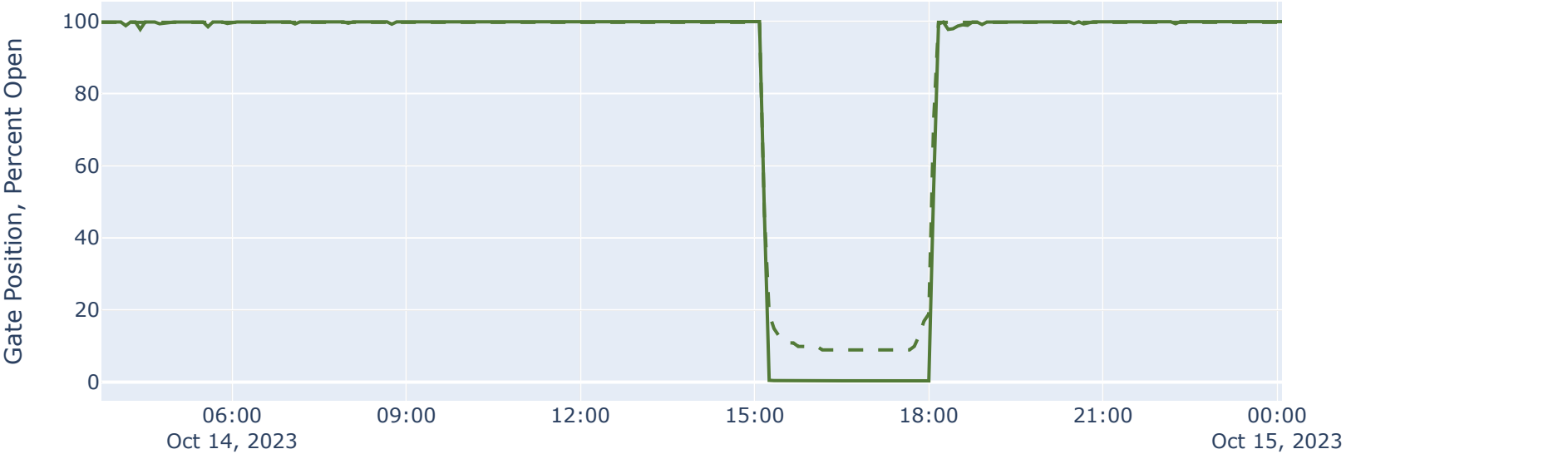
October 14, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	10/14/2023 03:45
Event End Date/Time	10/15/2023 00:05
Total Rainfall Accumulation (in)	0.66
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	14.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

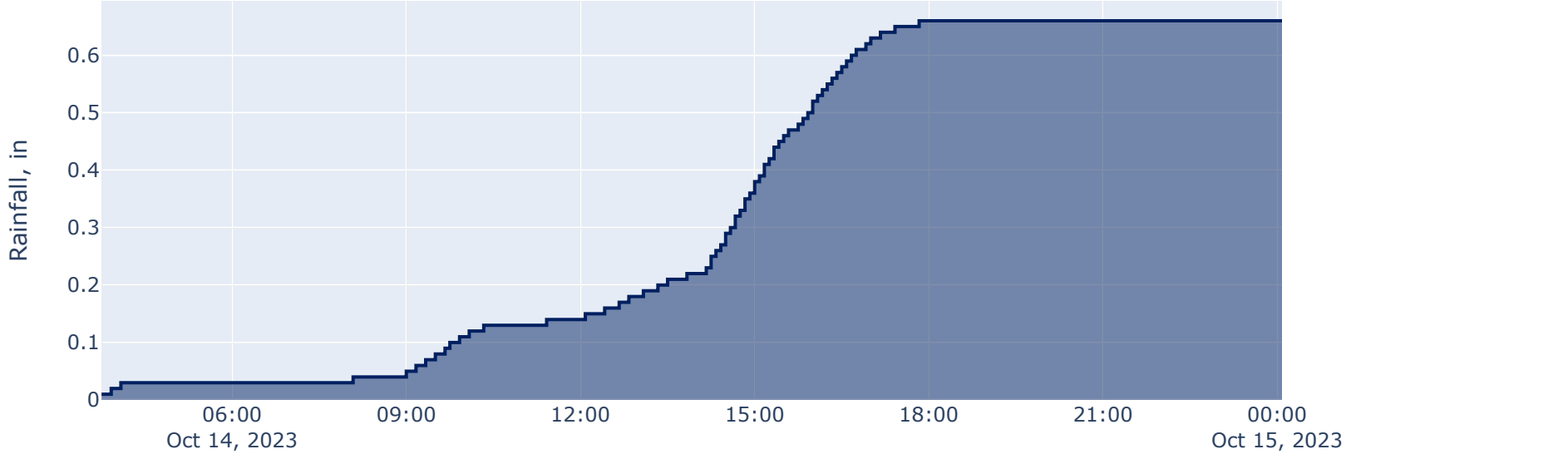
Overflow Data	Value
Overflow Volume Prevented (MG)	0.133
Percent Captured (%)	15
Unused Storage Volume (MG)	0.425
Overflow Before Storage Full	Yes
Storage Utilization (%)	24
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.754
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.754
Overflow Duration (hr)	2.67



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.39	0.94
Site Return to Normal Depth (ft)	0.58	0.64
Time Activated	10/14/2023 04:05	10/14/2023 15:05
Time Returned to Normal	10/14/2023 18:45	10/14/2023 18:10



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.55
Volume Stored (MG)	0.133
Unused Storage Volume (MG)	0.425
RTC Depth at Overflow Start (ft)	1.36
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



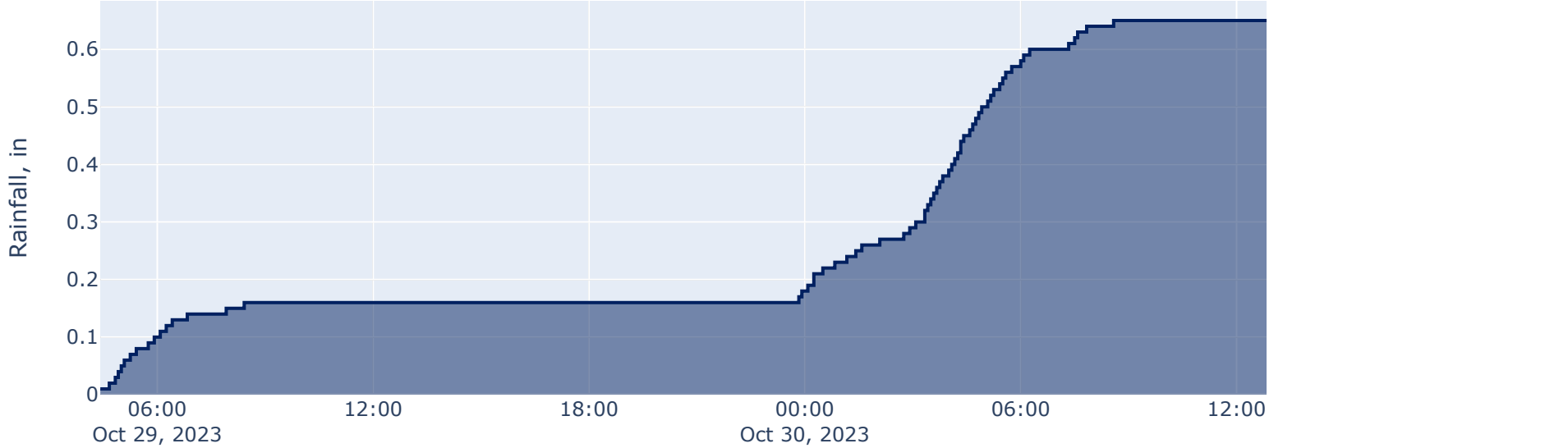
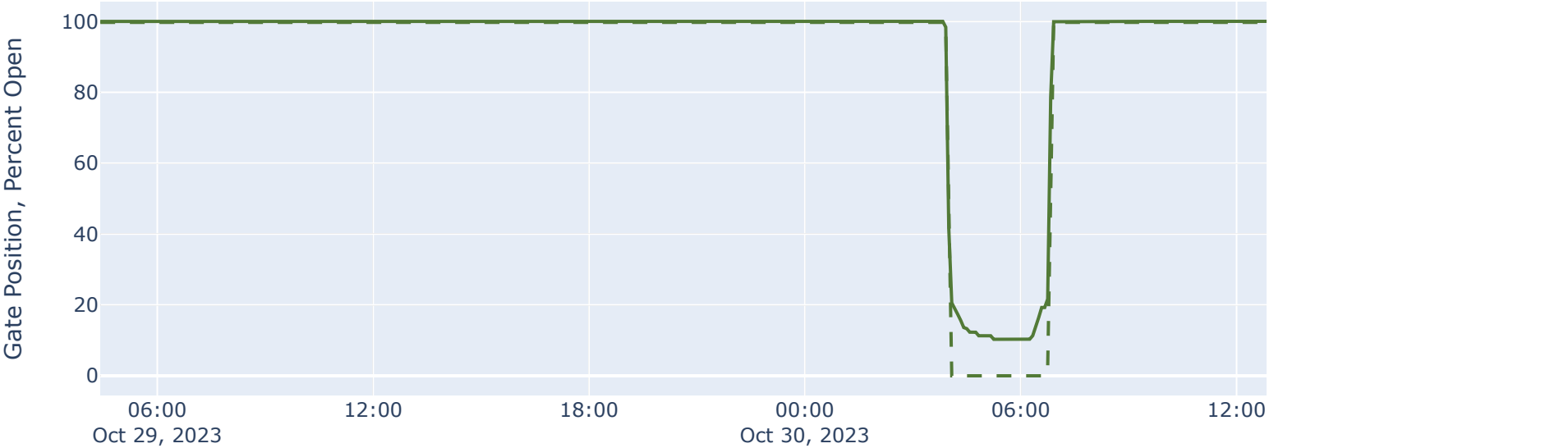
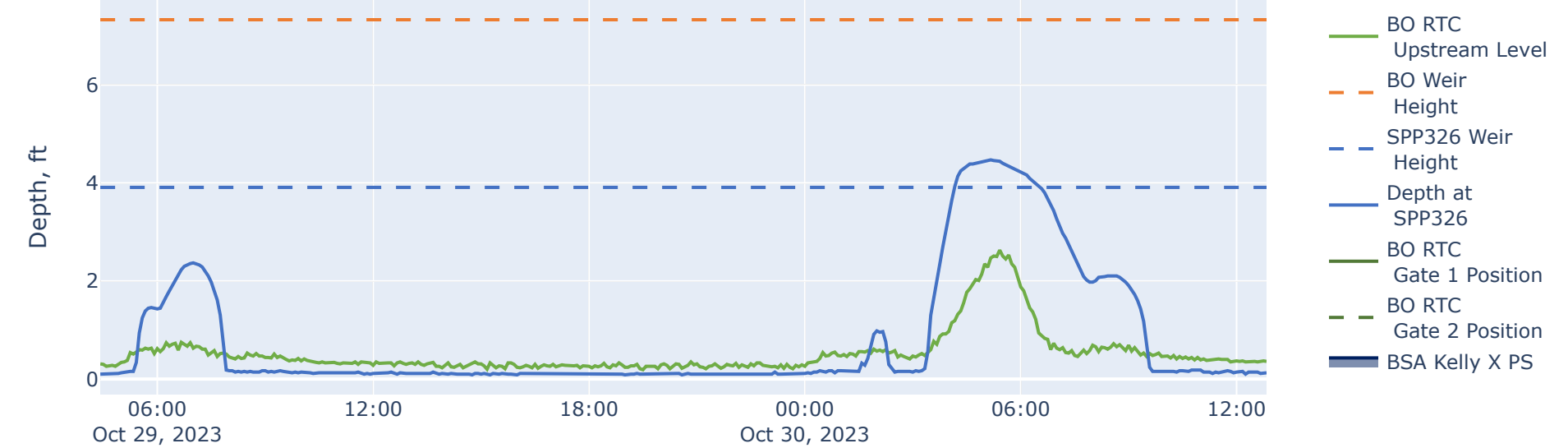
October 29, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	10/29/2023 04:25
Event End Date/Time	10/30/2023 12:50
Total Rainfall Accumulation (in)	0.65
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	12.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

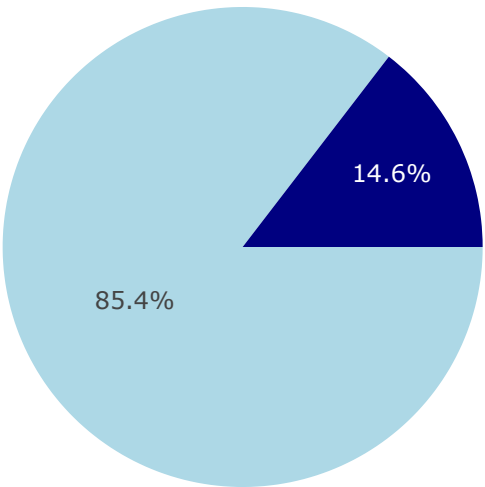
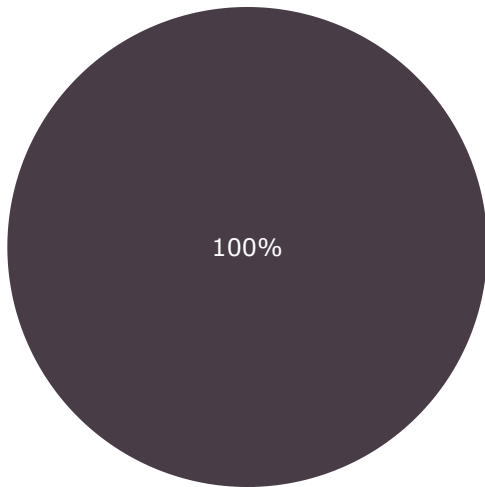
Overflow Data	Value
Overflow Volume Prevented (MG)	0.068
Percent Captured (%)	11
Unused Storage Volume (MG)	0.486
Overflow Before Storage Full	Yes
Storage Utilization (%)	12
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.54
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.54
Overflow Duration (hr)	2.33

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.92	0.92
Site Return to Normal Depth (ft)	0.73	0.73
Time Activated	10/30/2023 03:50	10/30/2023 03:50
Time Returned to Normal	10/30/2023 06:55	10/30/2023 06:55

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.63
Volume Stored (MG)	0.068
Unused Storage Volume (MG)	0.486
RTC Depth at Overflow Start (ft)	1.19
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Nov2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	3	1.231	7.215	3.15

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
November 08, 2023	0.32	0.316	0.117	27	0.436	21	Good
November 17, 2023	0.76	2.809	0.56	17	0.0	100	Good
November 21, 2023	1.37	4.09	0.554	12	0.0	100	Good

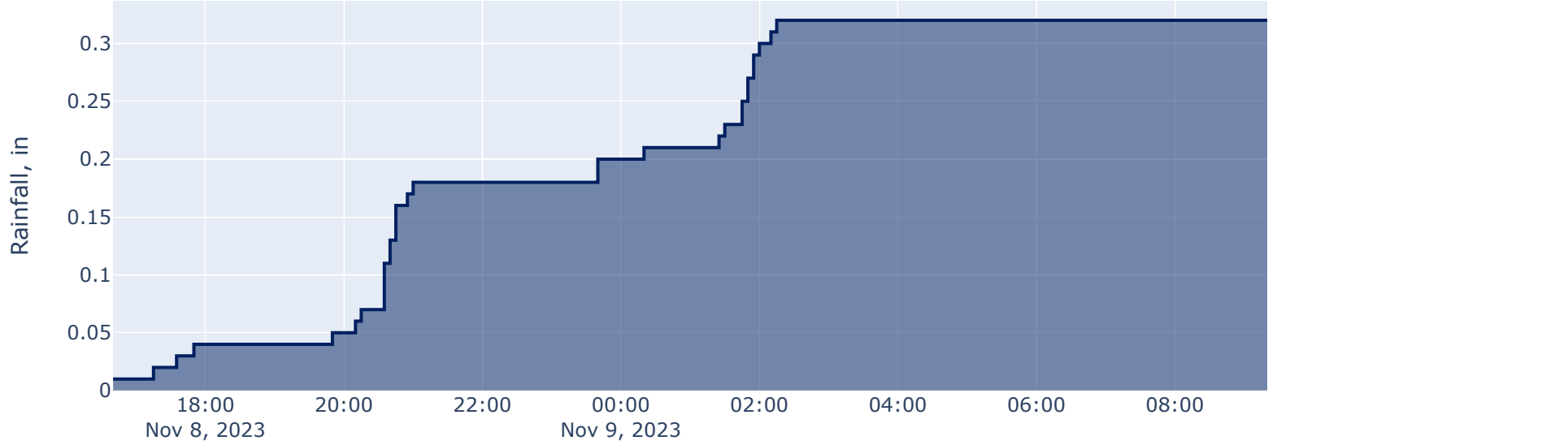
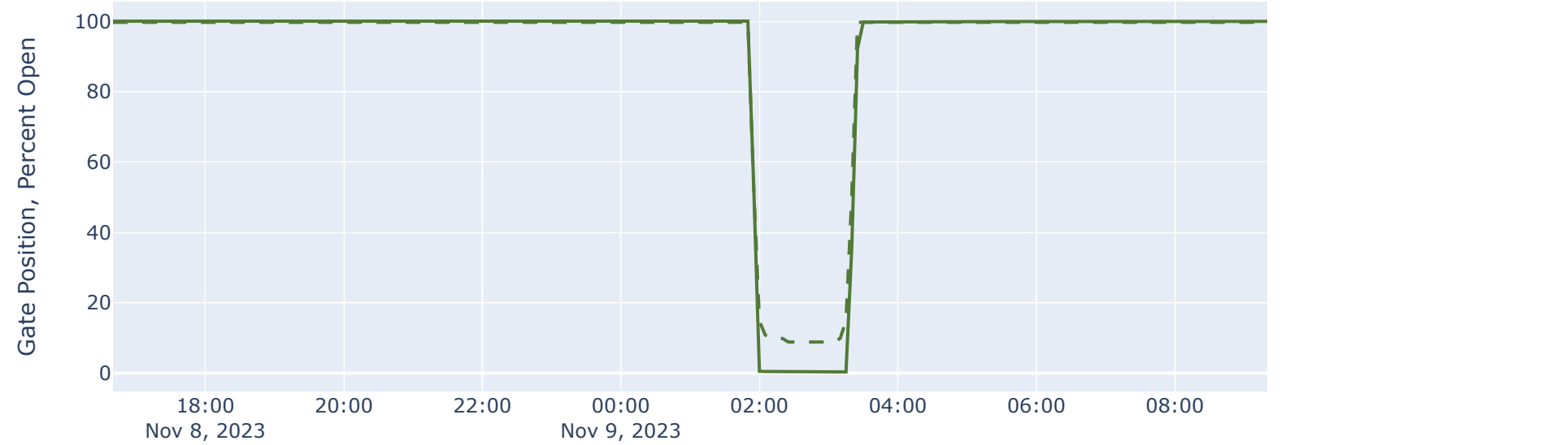
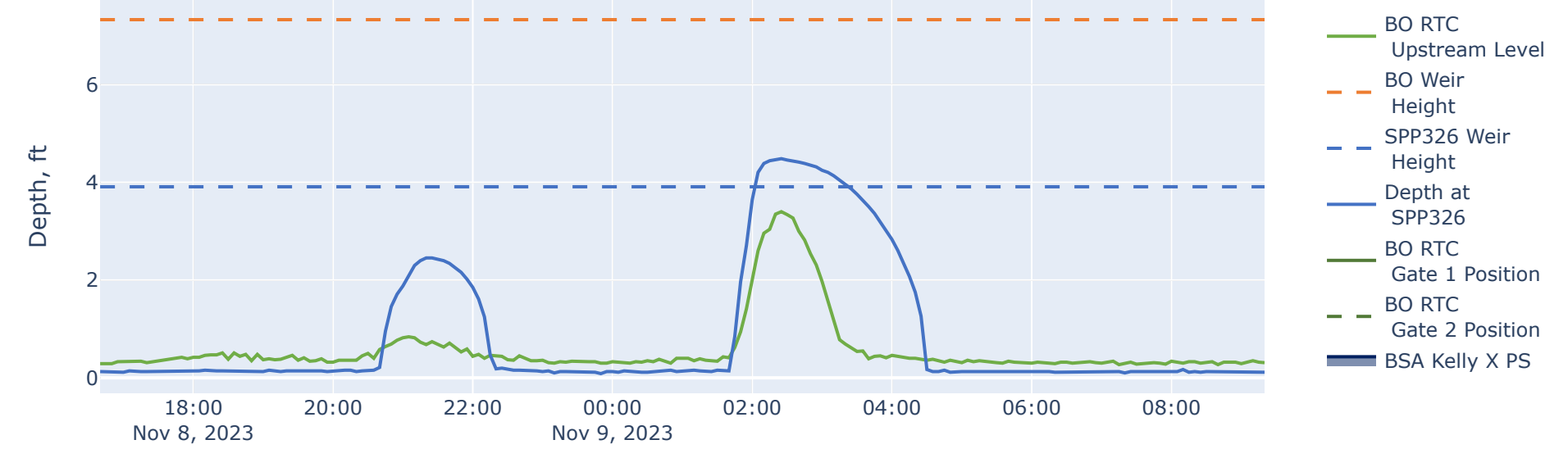
November 08, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	11/08/2023 16:40
Event End Date/Time	11/09/2023 09:20
Total Rainfall Accumulation (in)	0.32
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	9.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.117
Percent Captured (%)	27
Unused Storage Volume (MG)	0.436
Overflow Before Storage Full	Yes
Storage Utilization (%)	21
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.316
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.316
Overflow Duration (hr)	1.25

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.94	0.94
Site Return to Normal Depth (ft)	0.54	0.6
Time Activated	11/09/2023 01:50	11/09/2023 01:50
Time Returned to Normal	11/09/2023 03:30	11/09/2023 03:25

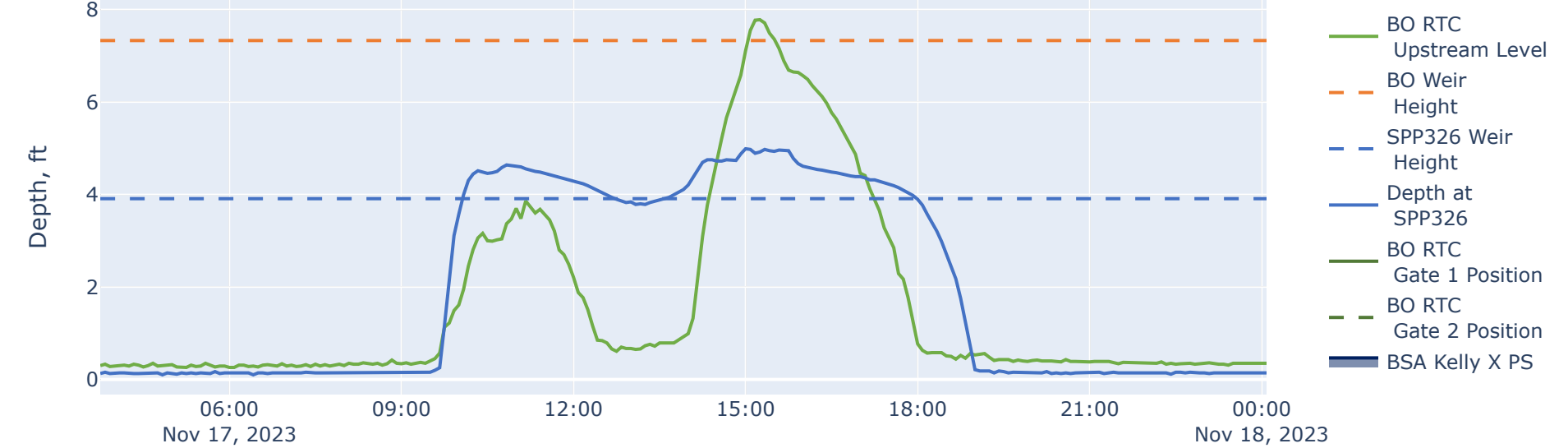
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.4
Volume Stored (MG)	0.117
Unused Storage Volume (MG)	0.436
RTC Depth at Overflow Start (ft)	2.6
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



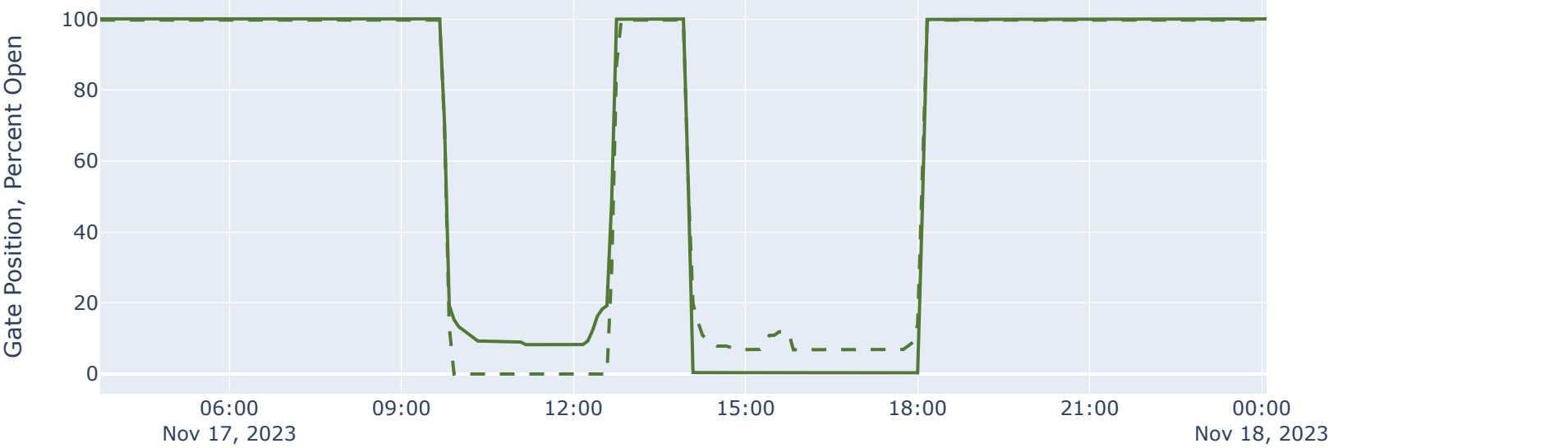
November 17, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	11/17/2023 03:45
Event End Date/Time	11/18/2023 00:05
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	7.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

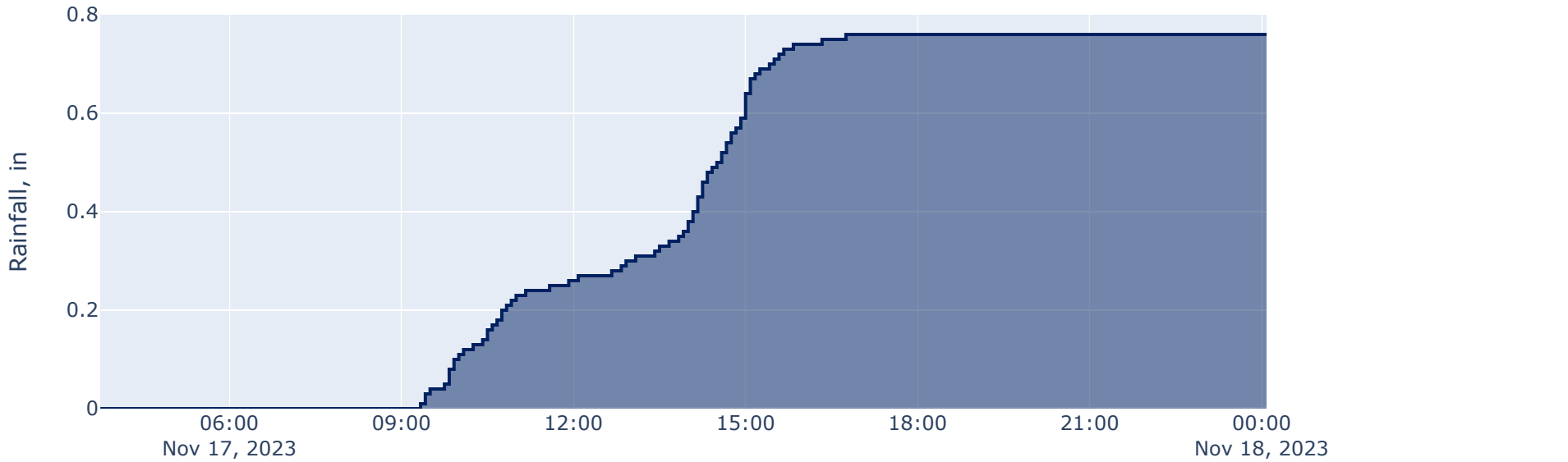
Overflow Data	Value
Overflow Volume Prevented (MG)	0.56
Percent Captured (%)	17
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.809
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.809
Overflow Duration (hr)	7.83



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.57	0.57
Site Return to Normal Depth (ft)	0.57	0.57
Time Activated	11/17/2023 09:40	11/17/2023 09:40
Time Returned to Normal	11/17/2023 18:10	11/17/2023 18:10



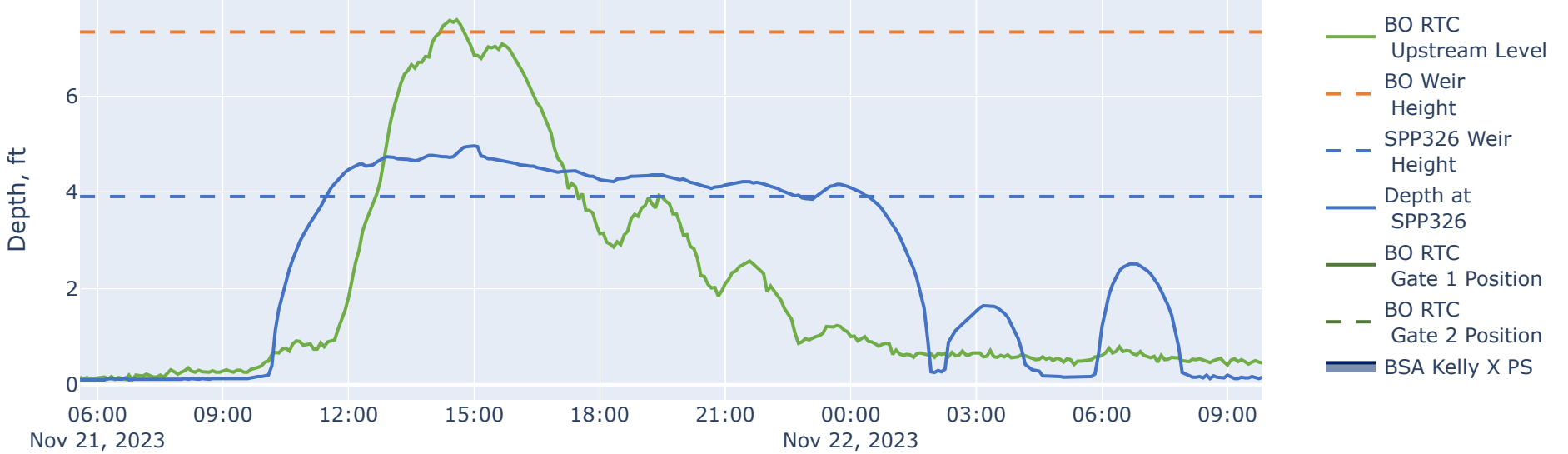
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.56
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.95
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



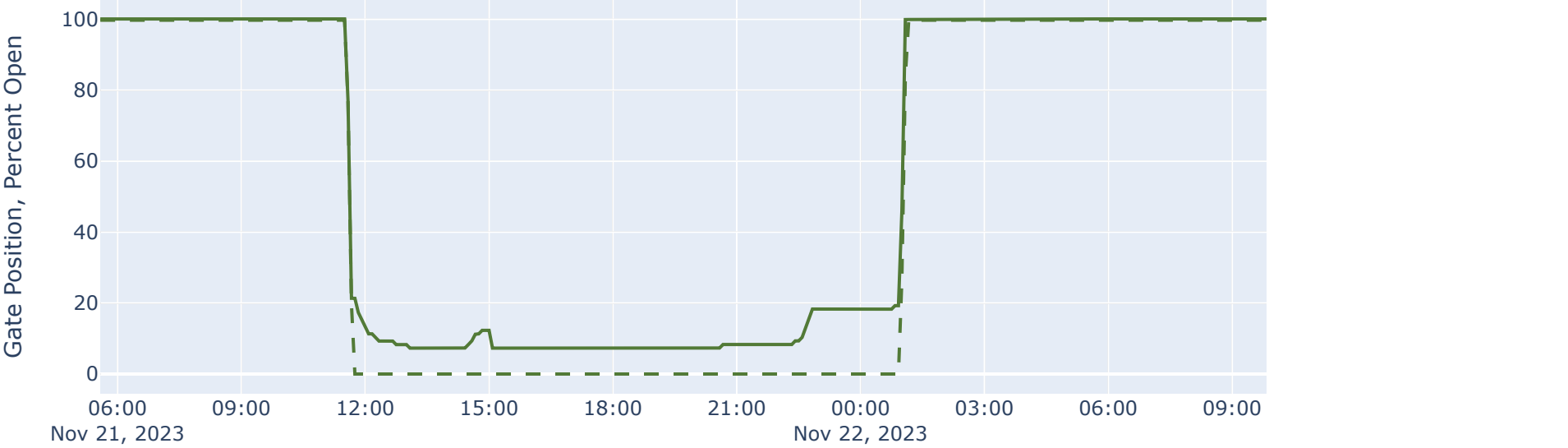
November 21, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	11/21/2023 05:35
Event End Date/Time	11/22/2023 09:50
Total Rainfall Accumulation (in)	1.37
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	24.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

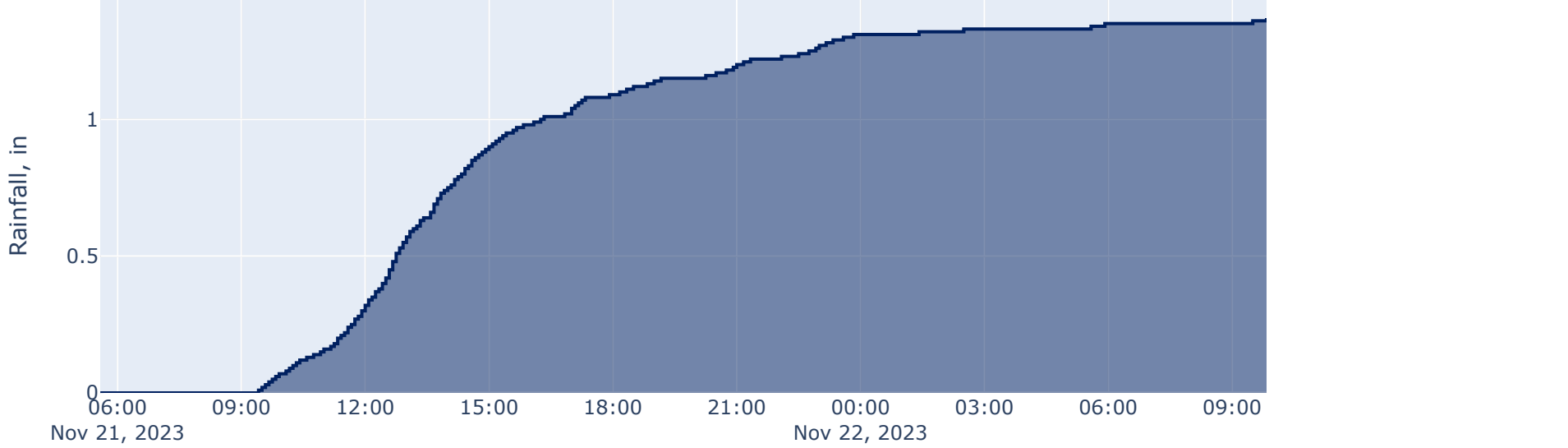
Overflow Data	Value
Overflow Volume Prevented (MG)	0.554
Percent Captured (%)	12
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.09
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.09
Overflow Duration (hr)	12.92



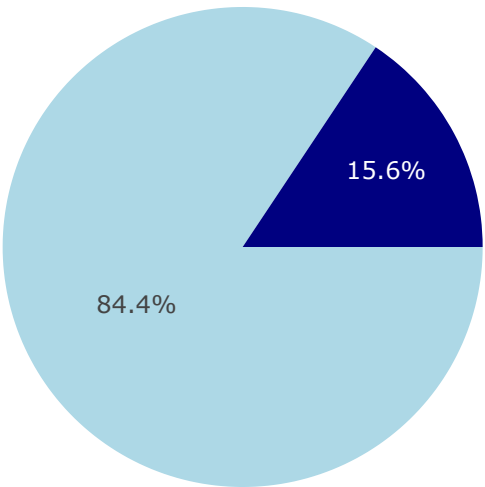
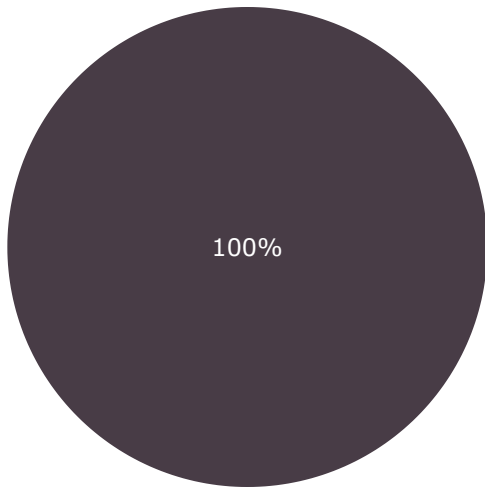
RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.89	0.89
Site Return to Normal Depth (ft)	0.72	0.64
Time Activated	11/21/2023 11:30	11/21/2023 11:30
Time Returned to Normal	11/22/2023 01:05	11/22/2023 01:10



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	7.33
Volume Stored (MG)	0.554
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	0.89
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Dec2023 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	6	1.171	6.313	3.37

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
December 01, 2023	0.58	0.167	0.004	2	0.548	1	Good
December 03, 2023	0.13	0.684	0.336	33	0.218	61	Good
December 07, 2023	0.0	0.044	0.007	14	0.546	1	Good
December 09, 2023	0.52	1.099	0.21	16	0.345	38	Good
December 17, 2023	0.72	1.45	0.158	10	0.399	28	Good
December 26, 2023	0.77	2.869	0.456	14	0.103	82	Good

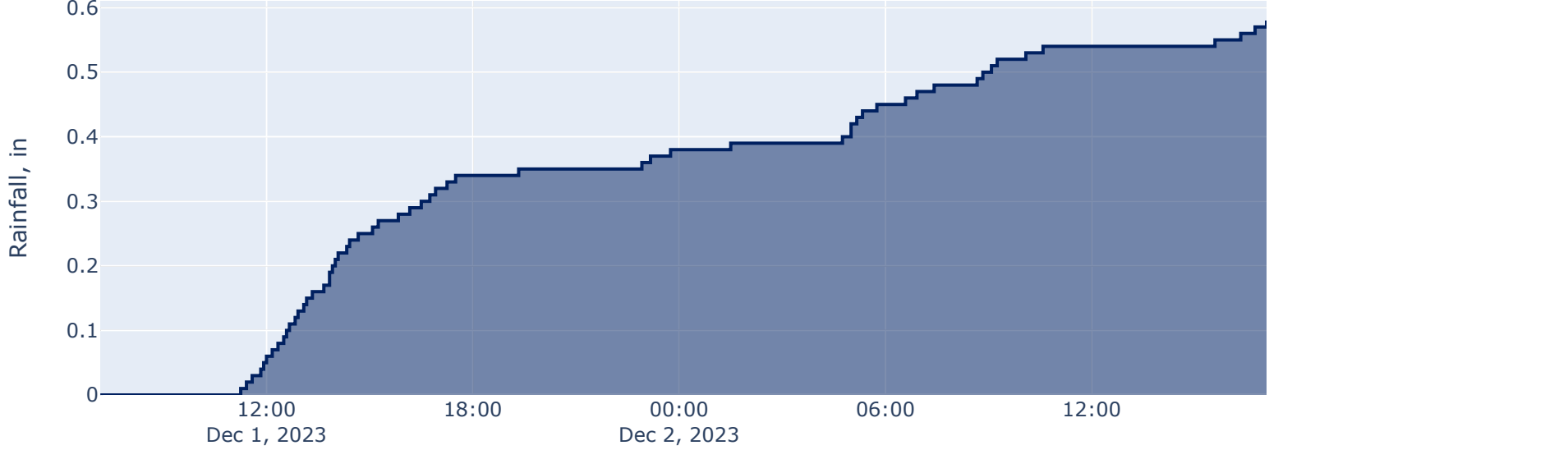
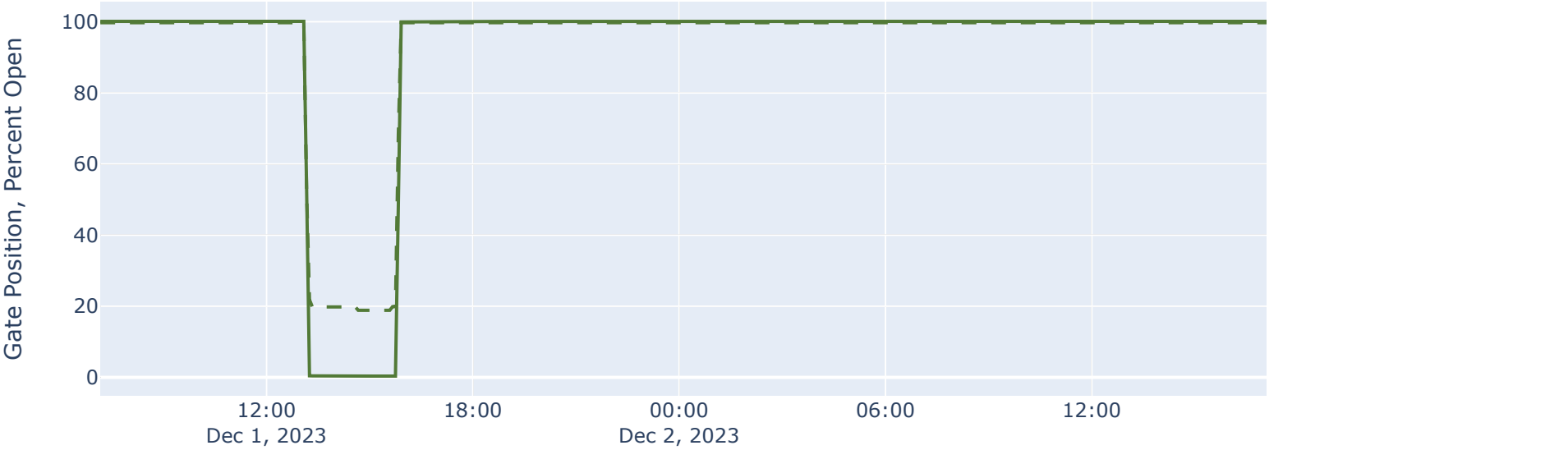
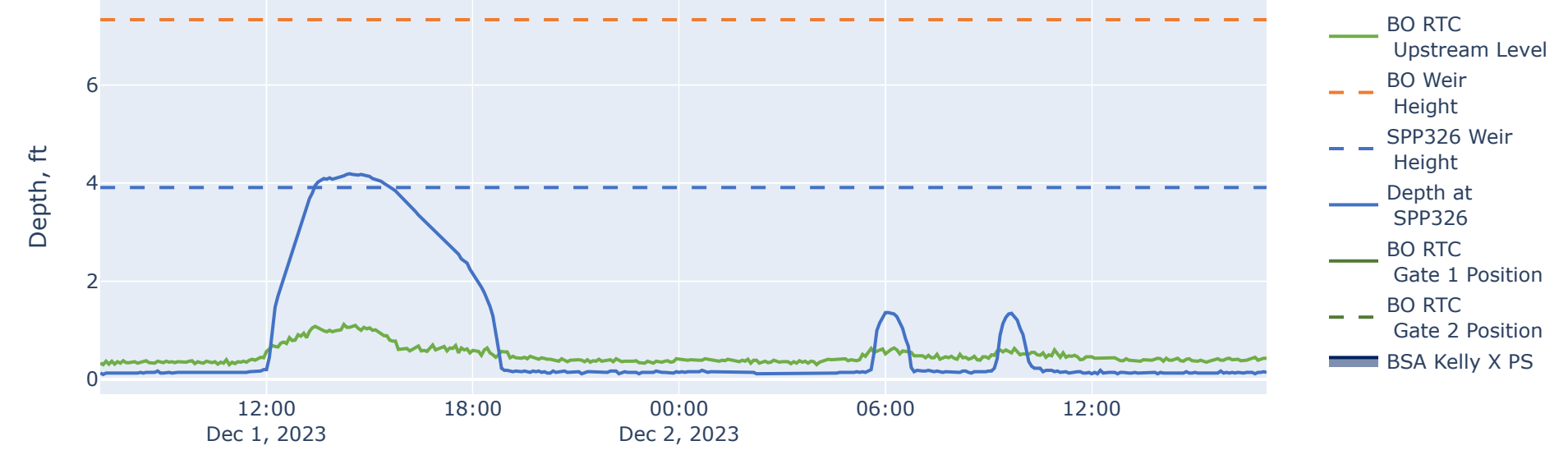
December 01, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/01/2023 07:10
Event End Date/Time	12/02/2023 17:05
Total Rainfall Accumulation (in)	0.58
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	29.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.004
Percent Captured (%)	2
Unused Storage Volume (MG)	0.548
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.167
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.167
Overflow Duration (hr)	2.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.94	0.94
Site Return to Normal Depth (ft)	0.61	0.61
Time Activated	12/01/2023 13:05	12/01/2023 13:05
Time Returned to Normal	12/01/2023 15:55	12/01/2023 15:55

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.12
Volume Stored (MG)	0.004
Unused Storage Volume (MG)	0.548
RTC Depth at Overflow Start (ft)	1.08
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



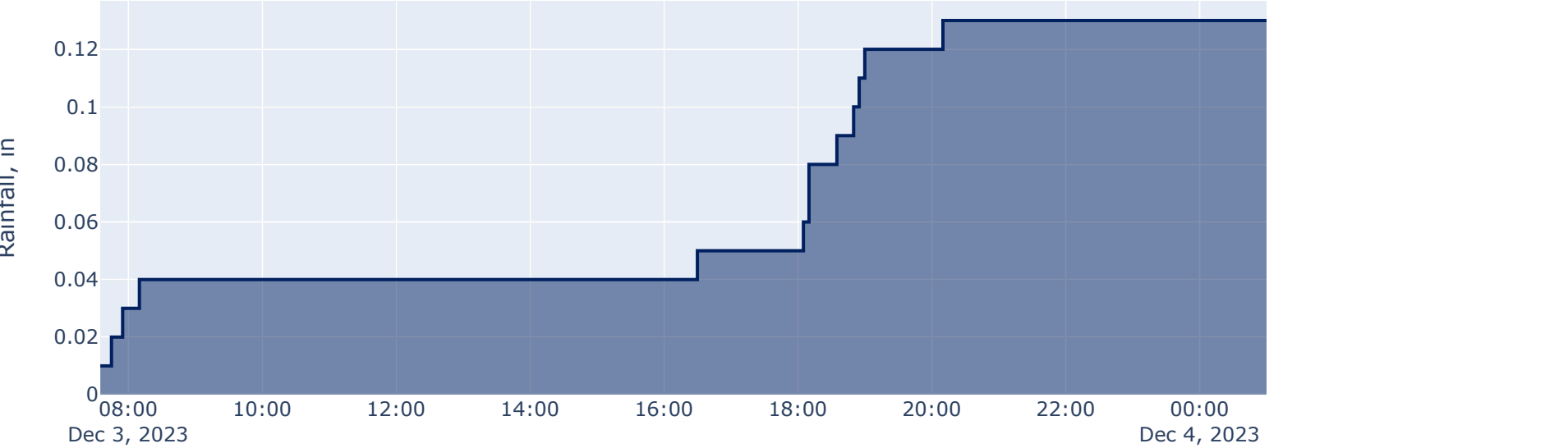
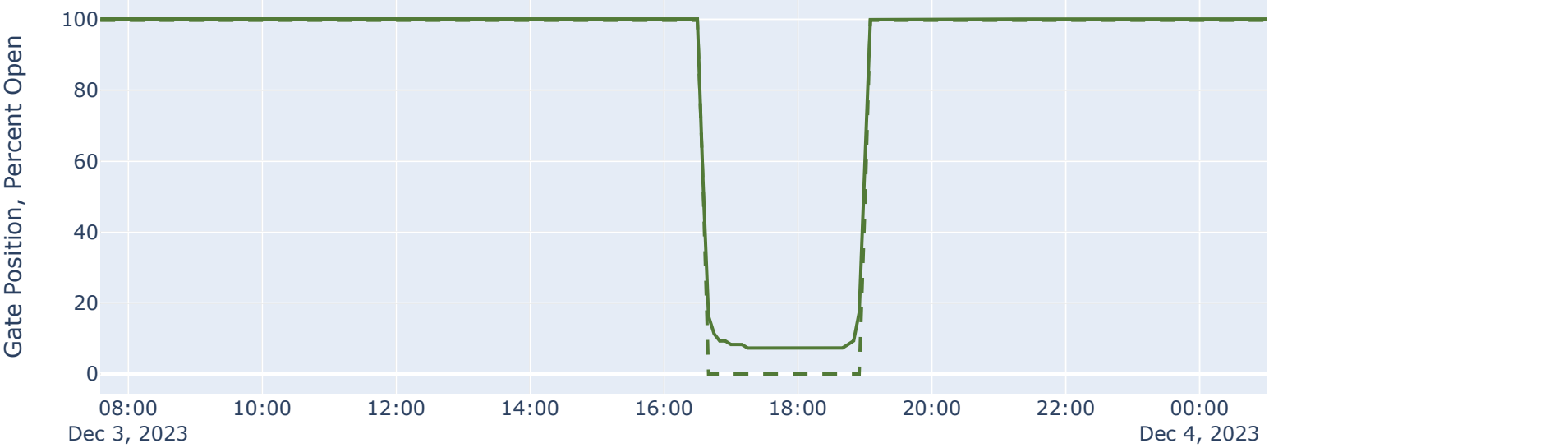
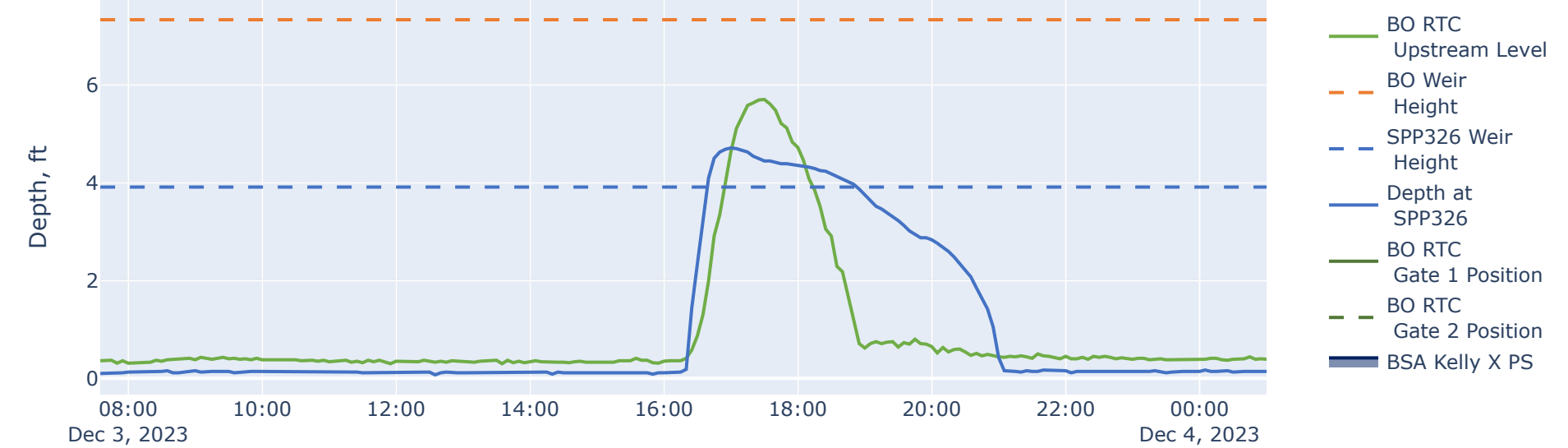
December 03, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/03/2023 07:35
Event End Date/Time	12/04/2023 01:00
Total Rainfall Accumulation (in)	0.13
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	4.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.336
Percent Captured (%)	33
Unused Storage Volume (MG)	0.218
Overflow Before Storage Full	Yes
Storage Utilization (%)	61
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.684
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.684
Overflow Duration (hr)	2.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.87	0.87
Site Return to Normal Depth (ft)	0.71	0.71
Time Activated	12/03/2023 16:30	12/03/2023 16:30
Time Returned to Normal	12/03/2023 19:05	12/03/2023 19:05

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	5.7
Volume Stored (MG)	0.336
Unused Storage Volume (MG)	0.218
RTC Depth at Overflow Start (ft)	1.99
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



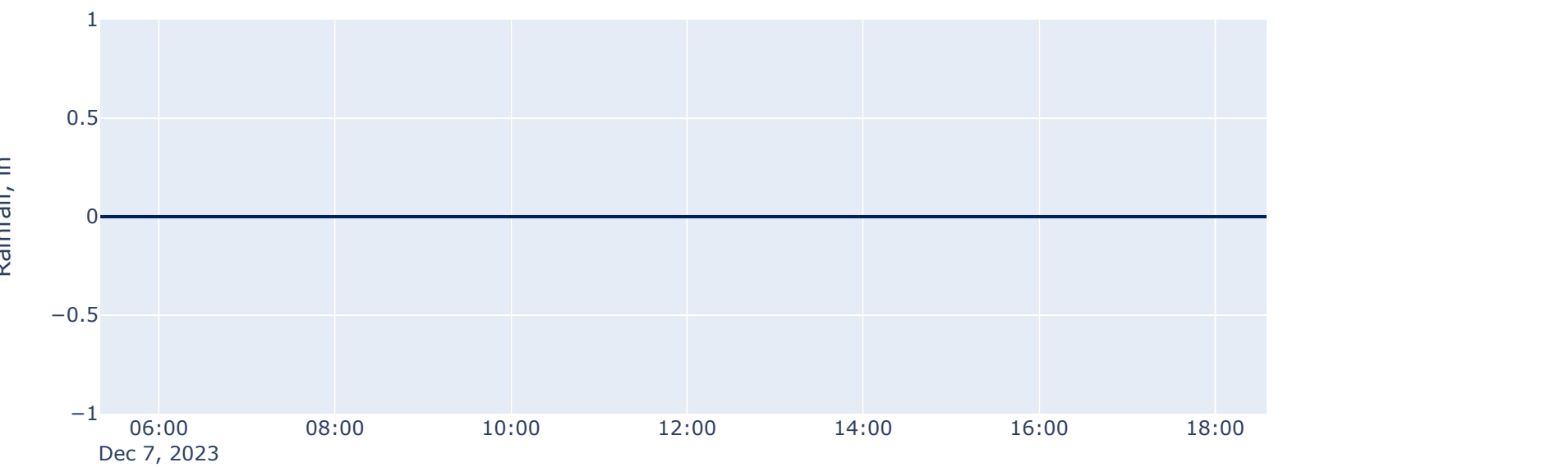
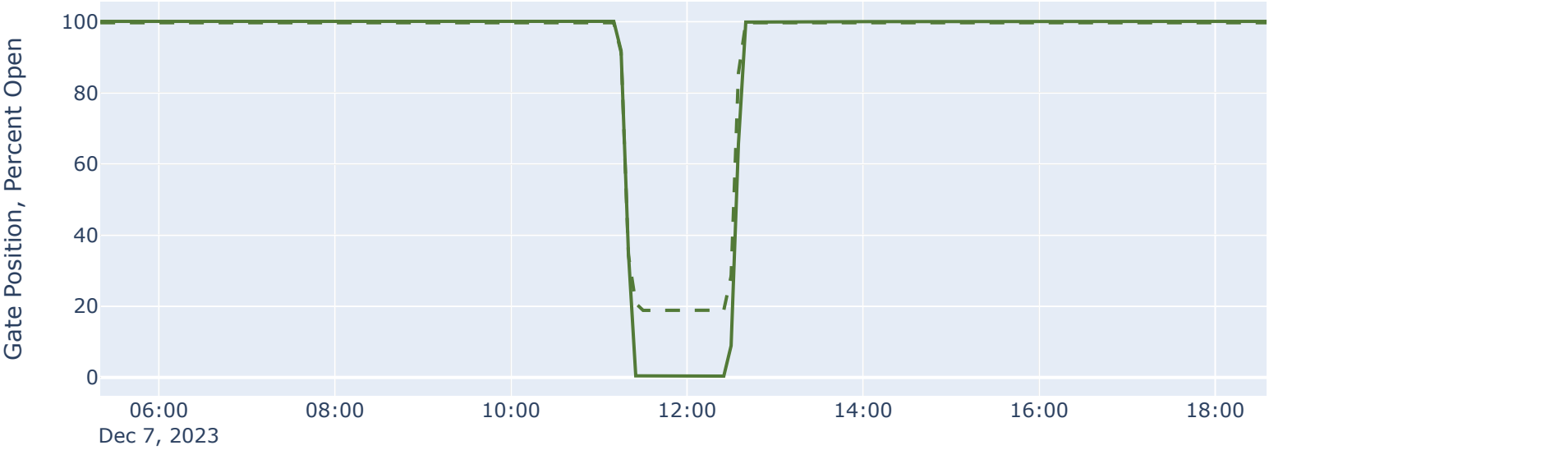
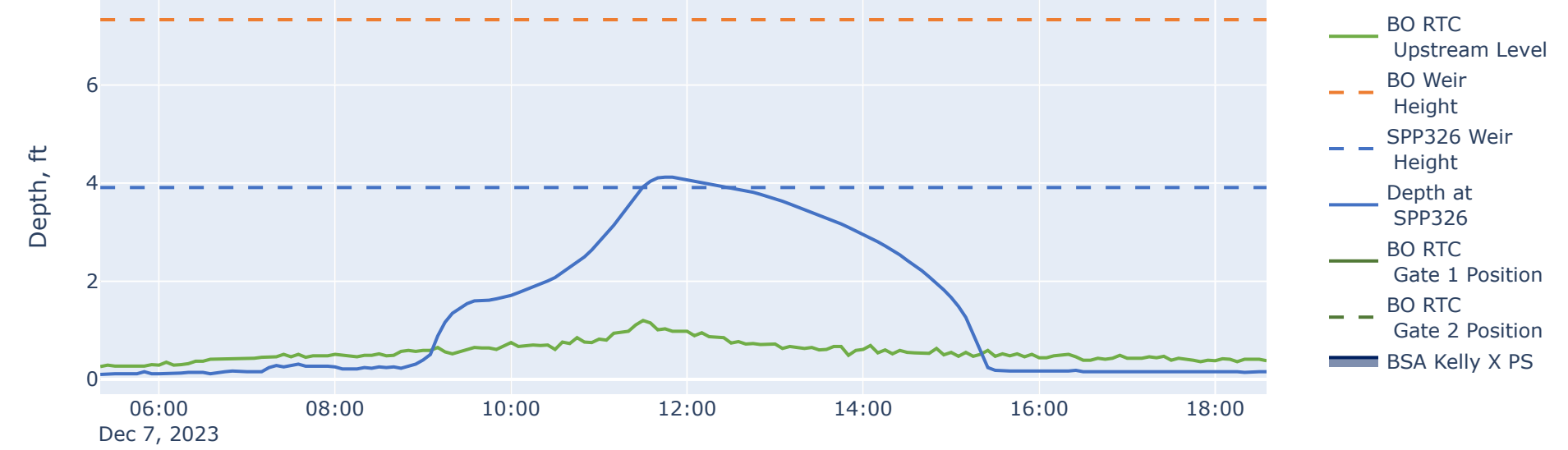
December 07, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/07/2023 05:20
Event End Date/Time	12/07/2023 18:35
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.007
Percent Captured (%)	14
Unused Storage Volume (MG)	0.546
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.044
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.044
Overflow Duration (hr)	1.0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.94	0.94
Site Return to Normal Depth (ft)	0.72	0.72
Time Activated	12/07/2023 11:10	12/07/2023 11:10
Time Returned to Normal	12/07/2023 12:40	12/07/2023 12:40

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.2
Volume Stored (MG)	0.007
Unused Storage Volume (MG)	0.546
RTC Depth at Overflow Start (ft)	1.2
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



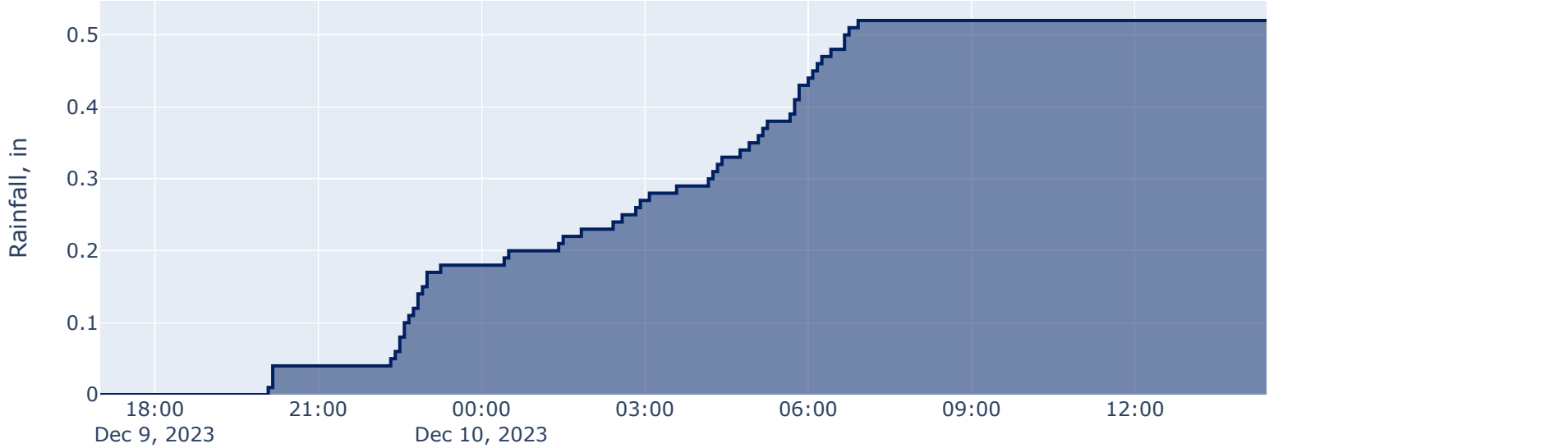
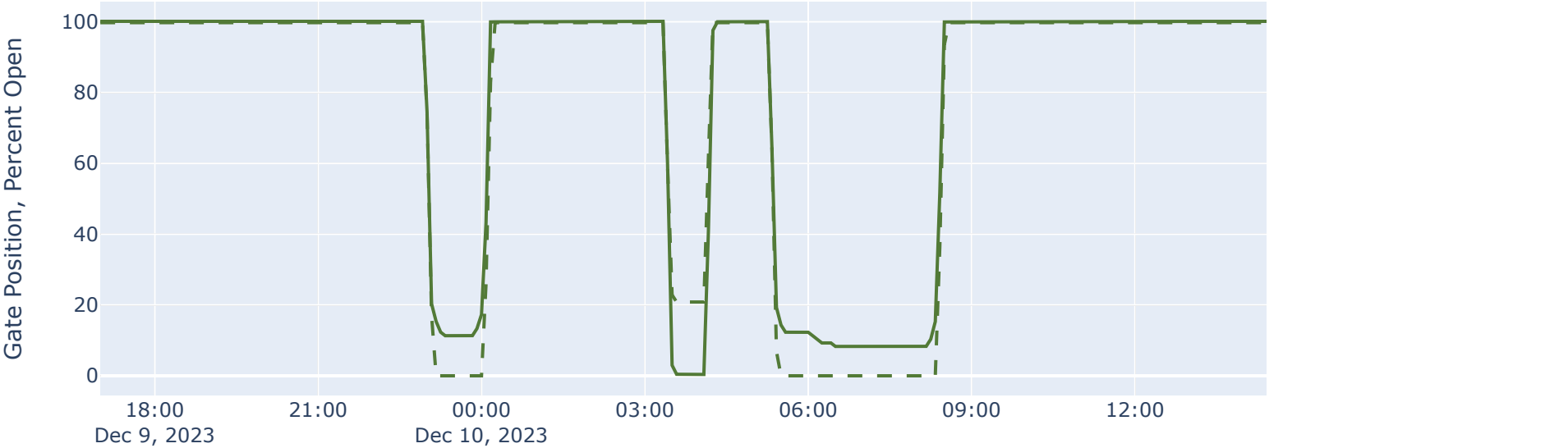
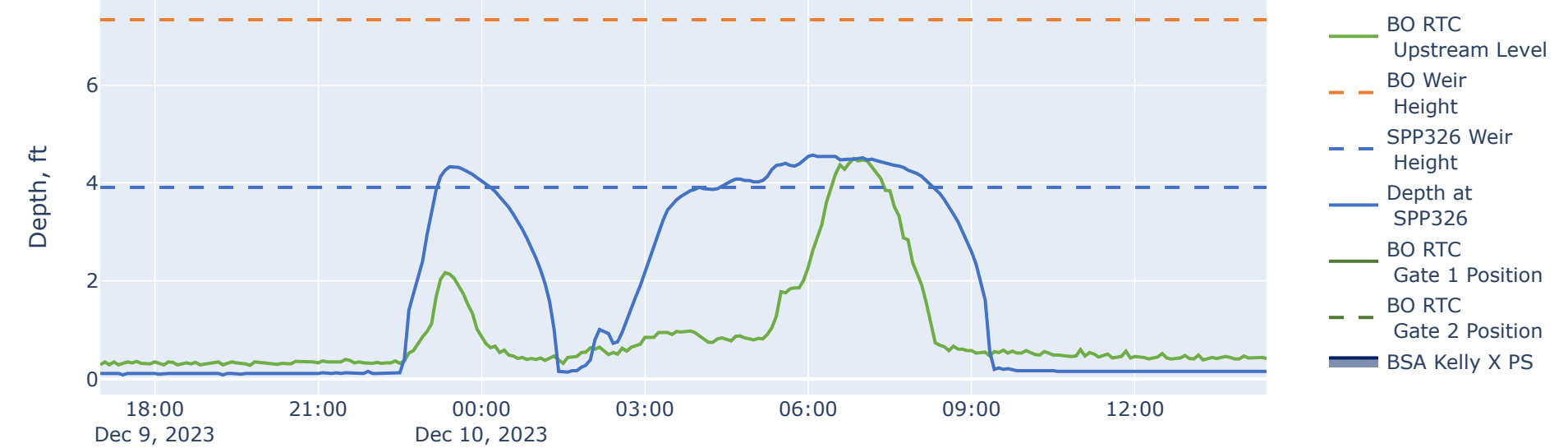
December 09, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/09/2023 17:00
Event End Date/Time	12/10/2023 14:25
Total Rainfall Accumulation (in)	0.52
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	10.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.21
Percent Captured (%)	16
Unused Storage Volume (MG)	0.345
Overflow Before Storage Full	Yes
Storage Utilization (%)	38
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.099
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.099
Overflow Duration (hr)	9.0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.86	0.86
Site Return to Normal Depth (ft)	0.66	0.58
Time Activated	12/09/2023 22:55	12/09/2023 22:55
Time Returned to Normal	12/10/2023 08:30	12/10/2023 08:35

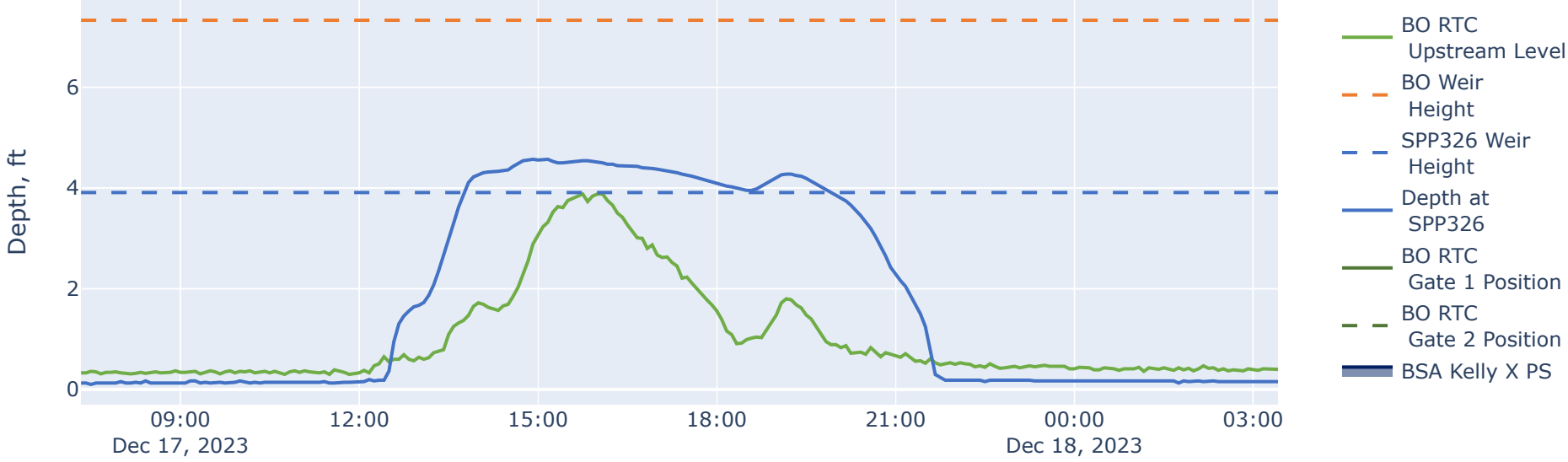
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	4.5
Volume Stored (MG)	0.21
Unused Storage Volume (MG)	0.345
RTC Depth at Overflow Start (ft)	2.04
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



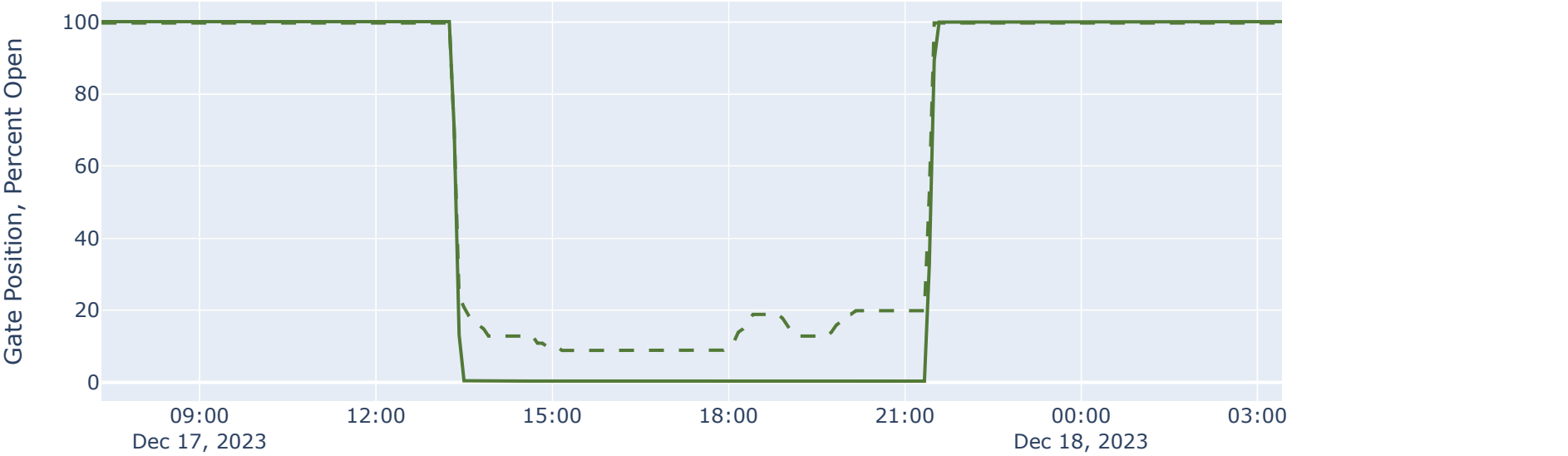
December 17, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/17/2023 07:20
Event End Date/Time	12/18/2023 03:25
Total Rainfall Accumulation (in)	0.72
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	9.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

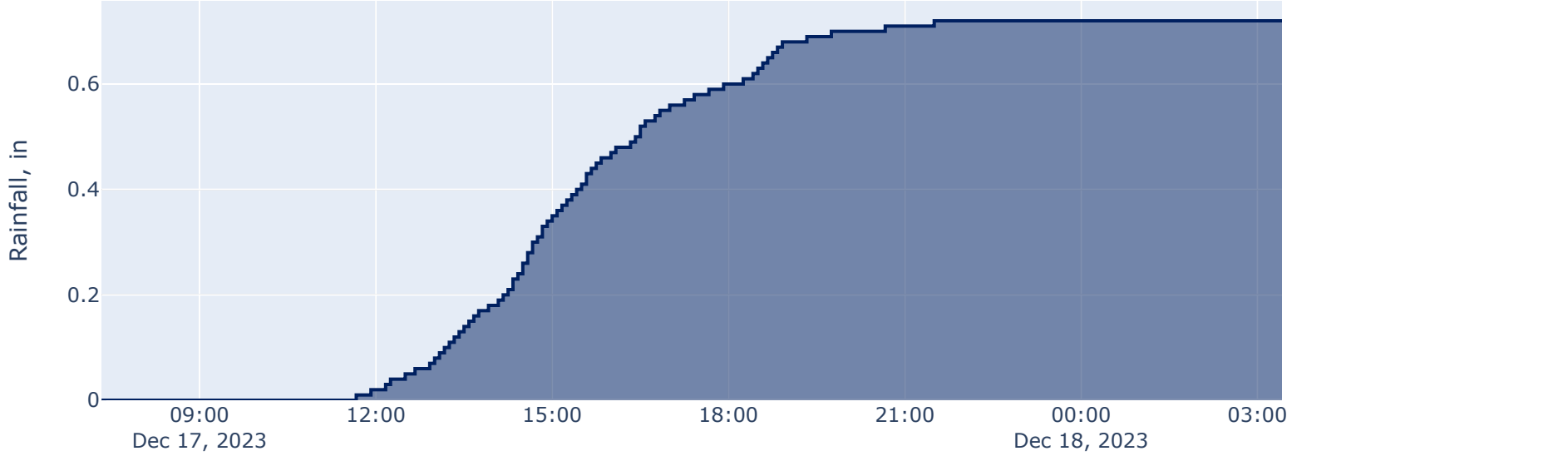
Overflow Data	Value
Overflow Volume Prevented (MG)	0.158
Percent Captured (%)	10
Unused Storage Volume (MG)	0.399
Overflow Before Storage Full	Yes
Storage Utilization (%)	28
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.45
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.45
Overflow Duration (hr)	6.08



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.73	0.73
Site Return to Normal Depth (ft)	0.61	0.52
Time Activated	12/17/2023 13:15	12/17/2023 13:15
Time Returned to Normal	12/17/2023 21:35	12/17/2023 21:30



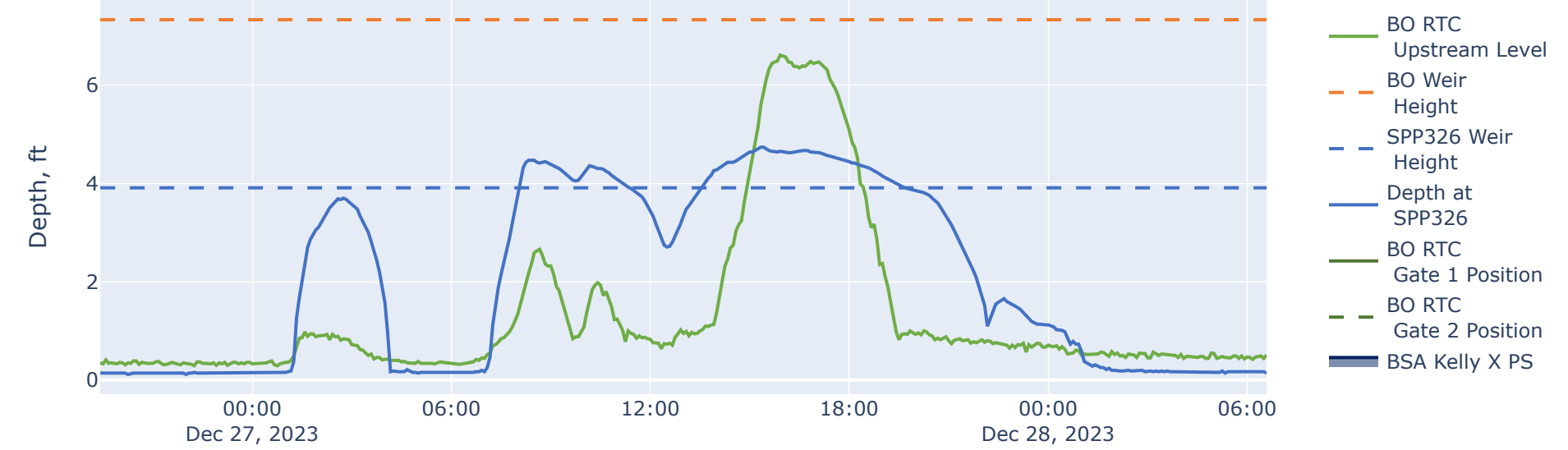
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.88
Volume Stored (MG)	0.158
Unused Storage Volume (MG)	0.399
RTC Depth at Overflow Start (ft)	1.47
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



December 26, 2023 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	12/26/2023 19:25
Event End Date/Time	12/28/2023 06:35
Total Rainfall Accumulation (in)	0.77
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	16.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

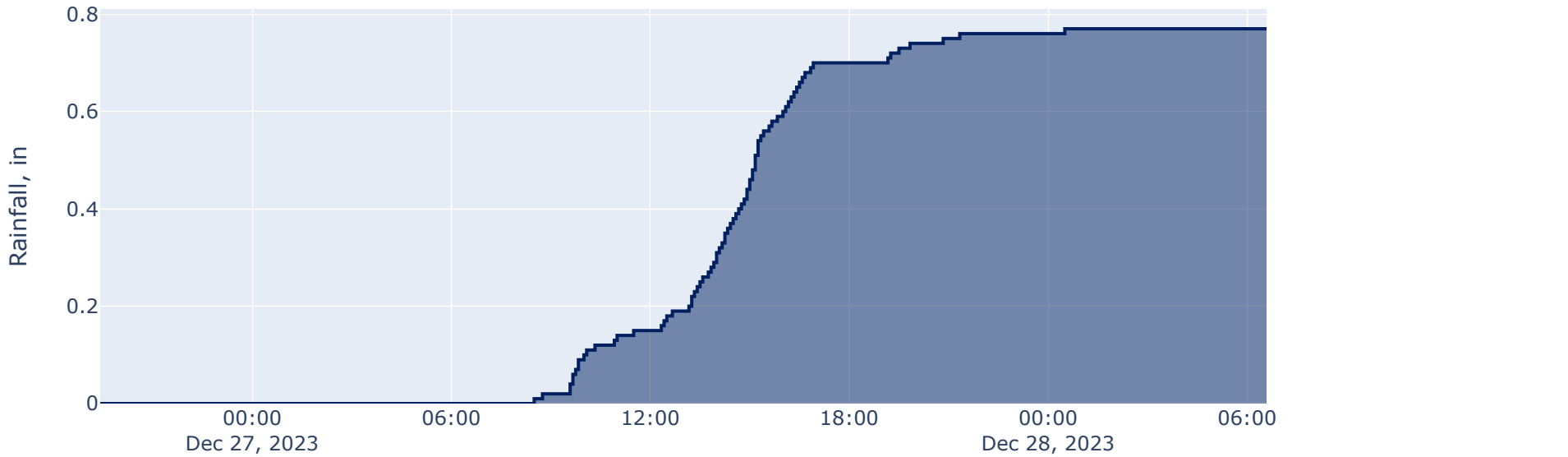
Overflow Data	Value
Overflow Volume Prevented (MG)	0.456
Percent Captured (%)	14
Unused Storage Volume (MG)	0.103
Overflow Before Storage Full	Yes
Storage Utilization (%)	82
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.869
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.869
Overflow Duration (hr)	11.58



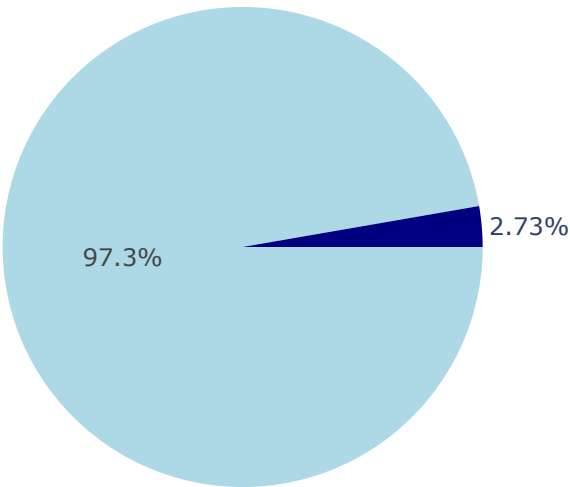
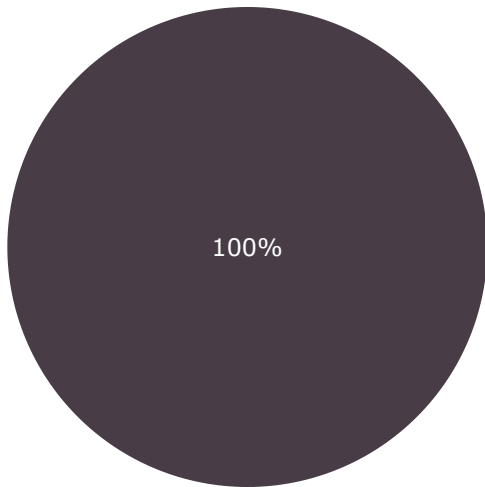
RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.66	0.66
Site Return to Normal Depth (ft)	0.55	0.55
Time Activated	12/27/2023 01:20	12/27/2023 01:20
Time Returned to Normal	12/28/2023 00:40	12/28/2023 00:45



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	6.61
Volume Stored (MG)	0.456
Unused Storage Volume (MG)	0.103
RTC Depth at Overflow Start (ft)	1.54
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Jan2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

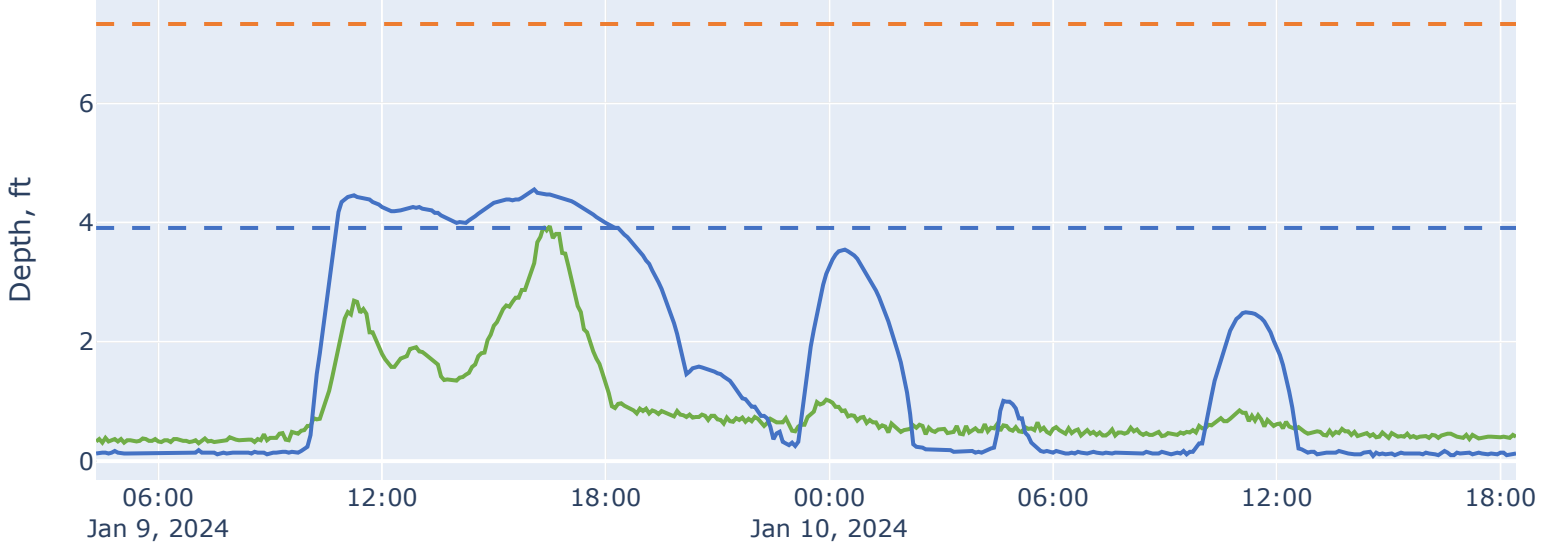
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	5	0.351	12.504	0.39

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
January 09, 2024	0.26	1.501	0.164	10	0.394	29	Good
January 11, 2024	0.0	0.213	0.009	4	0.548	2	Good
January 12, 2024	0.0	0.088	0.009	9	0.549	2	Good
January 24, 2024	0.0	10.434	0.159	2	0.398	29	Good
January 28, 2024	0.0	0.268	0.01	4	0.549	2	Good

January 09, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

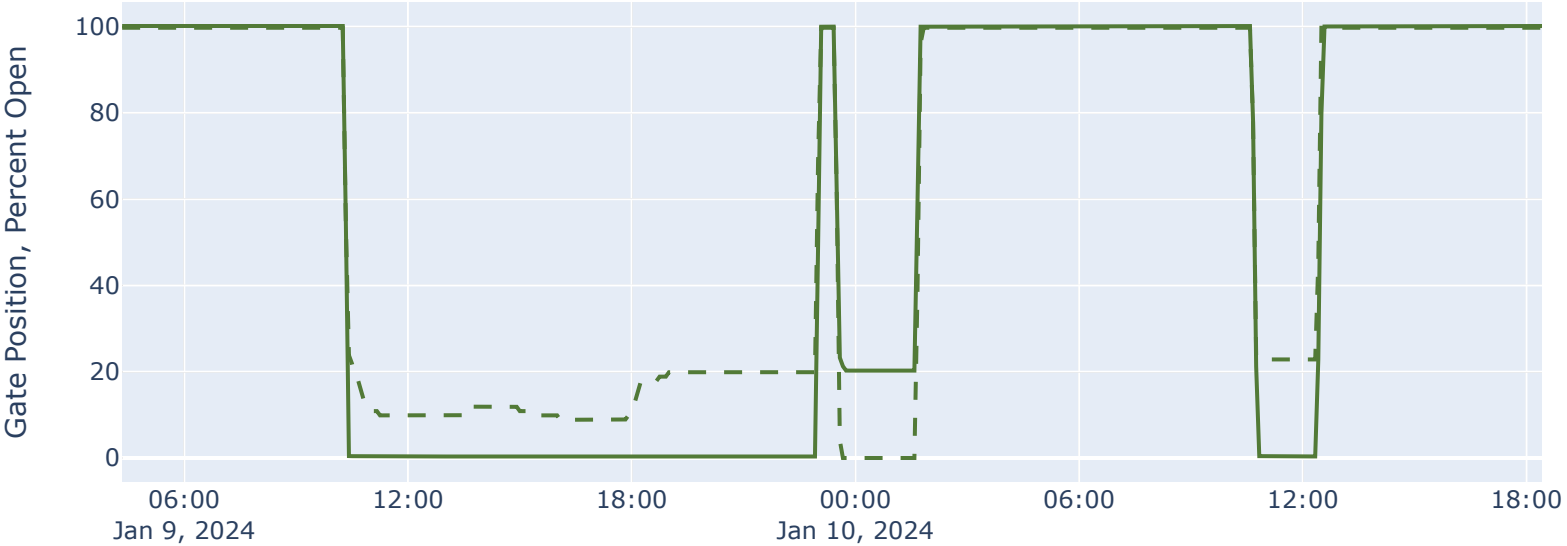
Event Data	Value
Event Start Date/Time	01/09/2024 04:20
Event End Date/Time	01/10/2024 18:25
Total Rainfall Accumulation (in)	0.26
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	4.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.164
Percent Captured (%)	10
Unused Storage Volume (MG)	0.394
Overflow Before Storage Full	Yes
Storage Utilization (%)	29
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.501
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.501
Overflow Duration (hr)	7.5

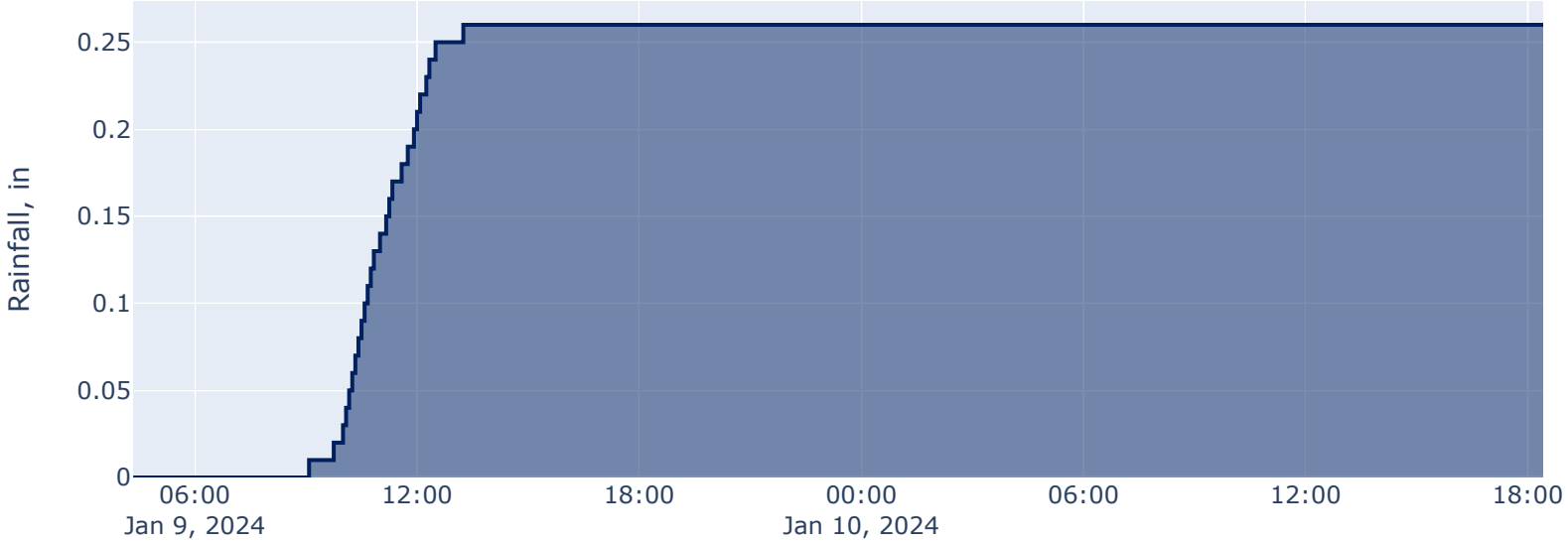


- BO RTC Upstream Level
- BO Weir Height
- SPP326 Weir Height
- Depth at SPP326
- BO RTC Gate 1 Position
- BO RTC Gate 2 Position
- BSA Kelly X PS

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.67	0.67
Site Return to Normal Depth (ft)	0.57	0.54
Time Activated	01/09/2024 10:15	01/09/2024 10:15
Time Returned to Normal	01/10/2024 12:35	01/10/2024 12:30



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.94
Volume Stored (MG)	0.164
Unused Storage Volume (MG)	0.394
RTC Depth at Overflow Start (ft)	1.93
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



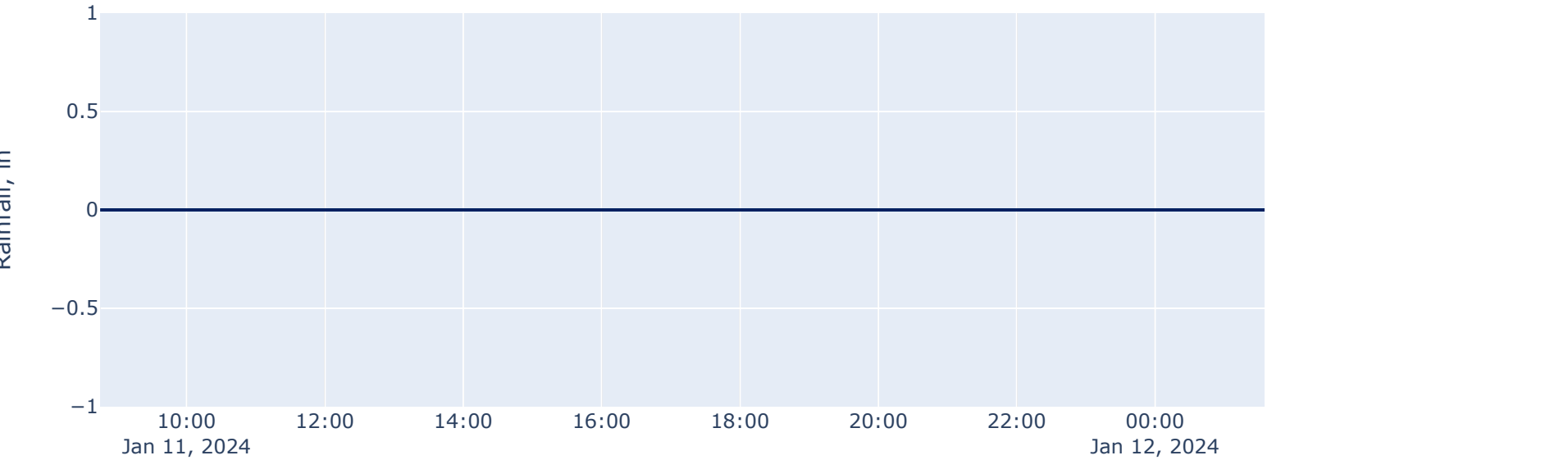
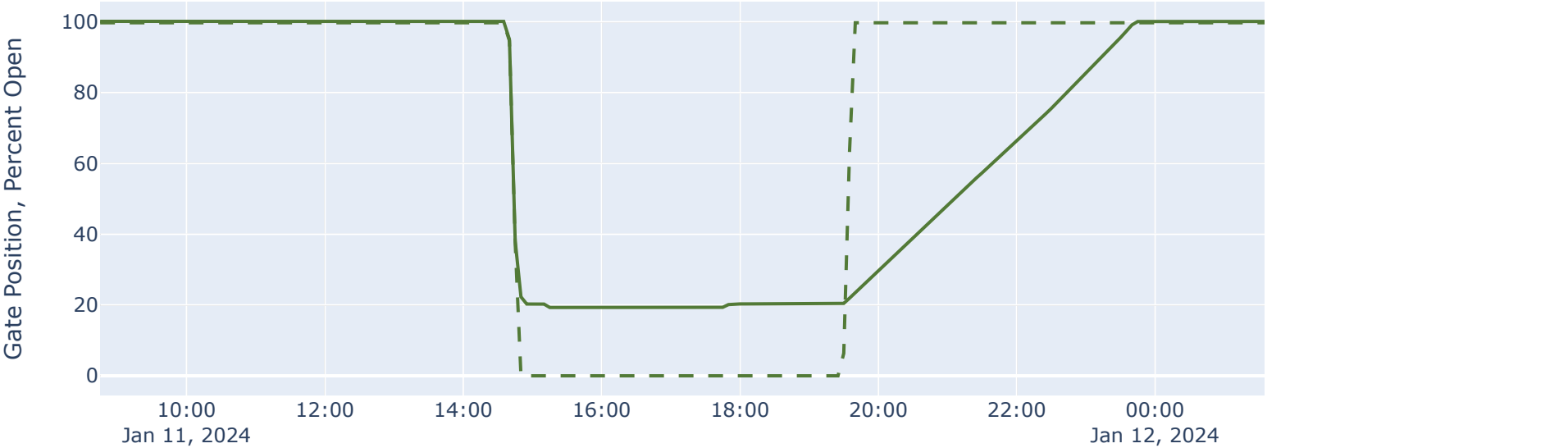
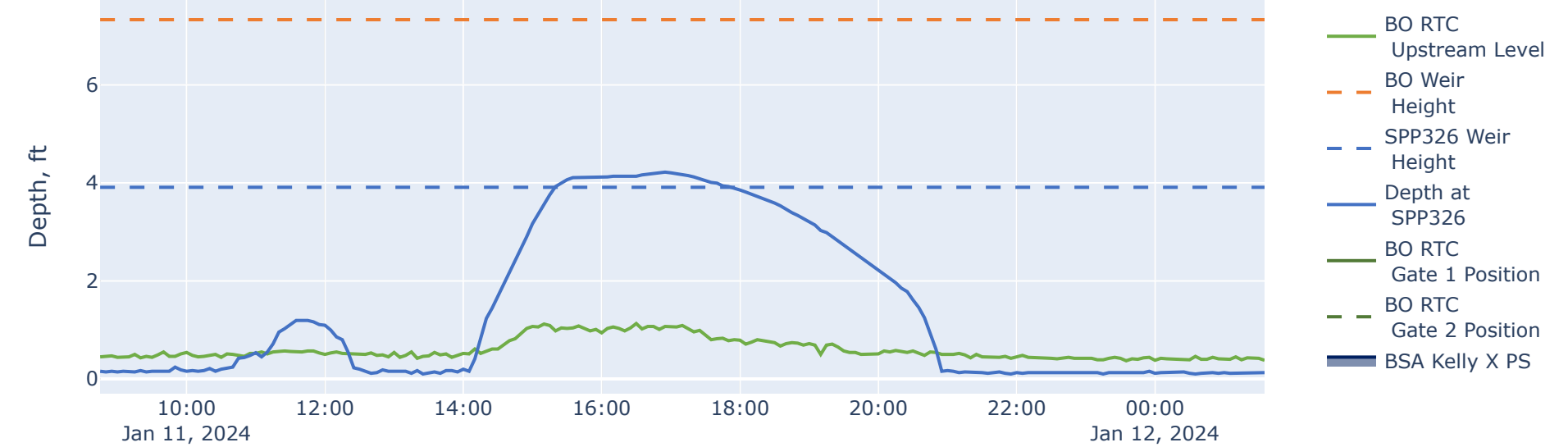
January 11, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	01/11/2024 08:45
Event End Date/Time	01/12/2024 01:35
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.009
Percent Captured (%)	4
Unused Storage Volume (MG)	0.548
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.213
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.213
Overflow Duration (hr)	2.5

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.71	0.71
Site Return to Normal Depth (ft)	0.41	0.54
Time Activated	01/11/2024 14:35	01/11/2024 14:35
Time Returned to Normal	01/11/2024 23:40	01/11/2024 19:40

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.13
Volume Stored (MG)	0.009
Unused Storage Volume (MG)	0.548
RTC Depth at Overflow Start (ft)	0.98
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



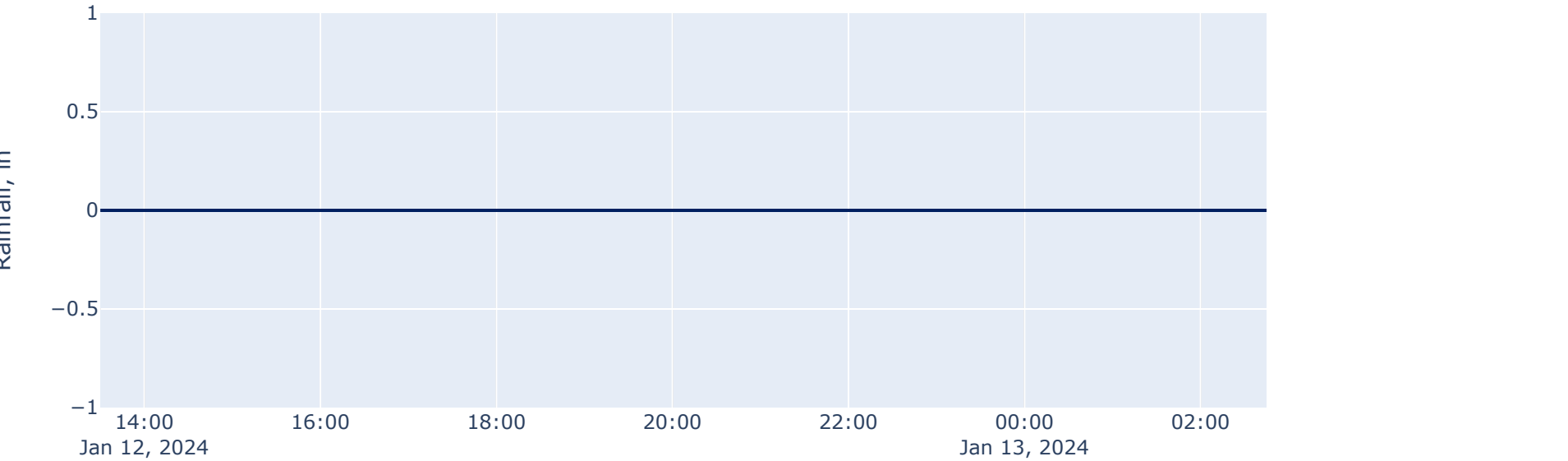
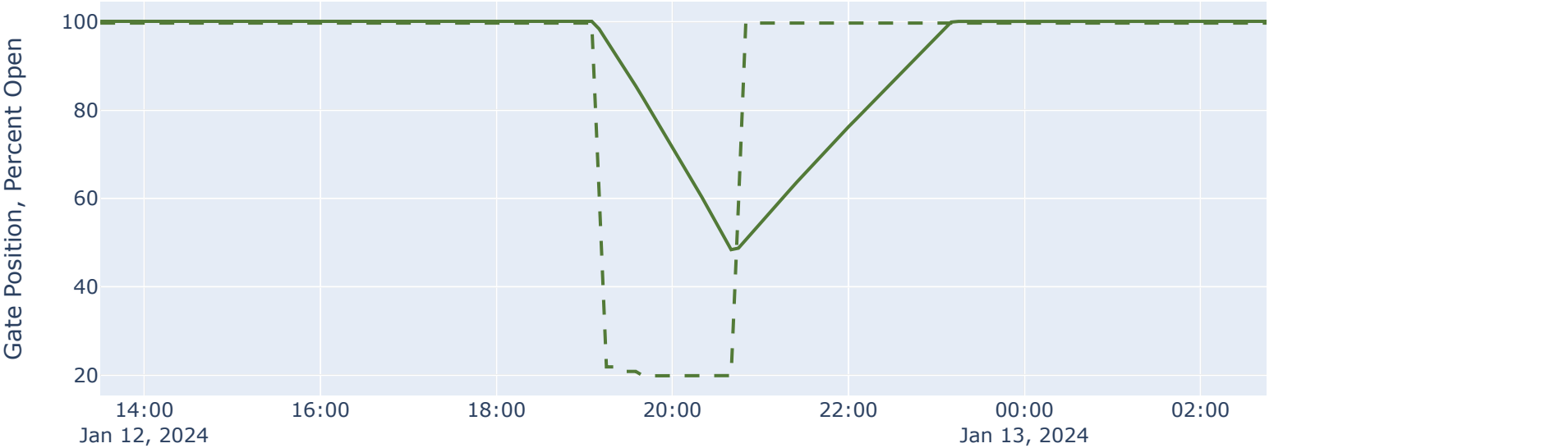
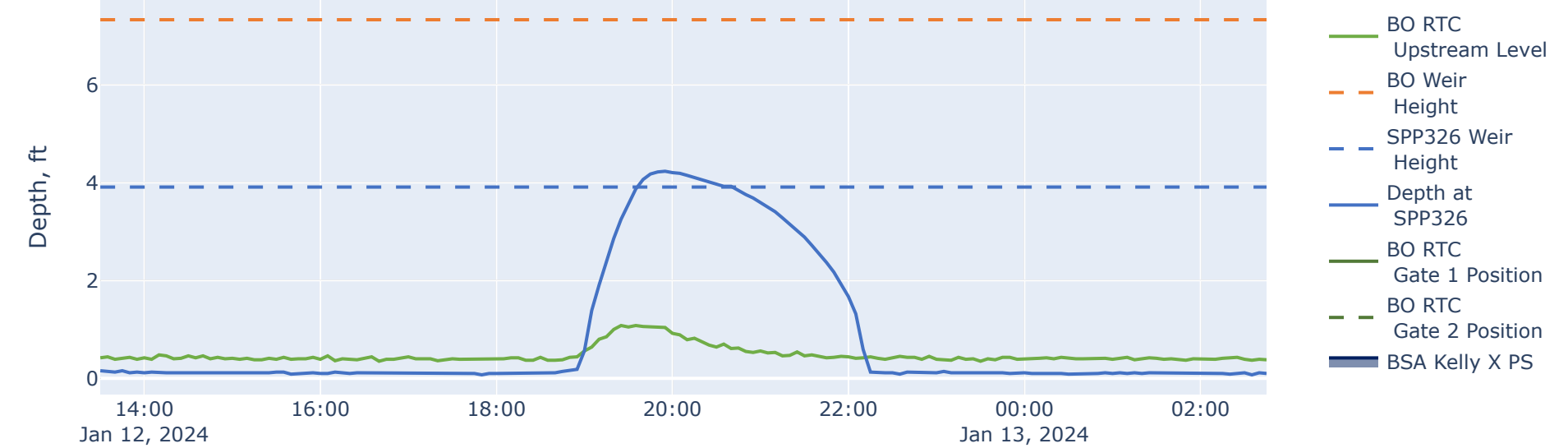
January 12, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	01/12/2024 13:30
Event End Date/Time	01/13/2024 02:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.009
Percent Captured (%)	9
Unused Storage Volume (MG)	0.549
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.088
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.088
Overflow Duration (hr)	1.0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	0.64	0.64
Site Return to Normal Depth (ft)	0.37	0.55
Time Activated	01/12/2024 19:05	01/12/2024 19:05
Time Returned to Normal	01/12/2024 23:10	01/12/2024 20:50

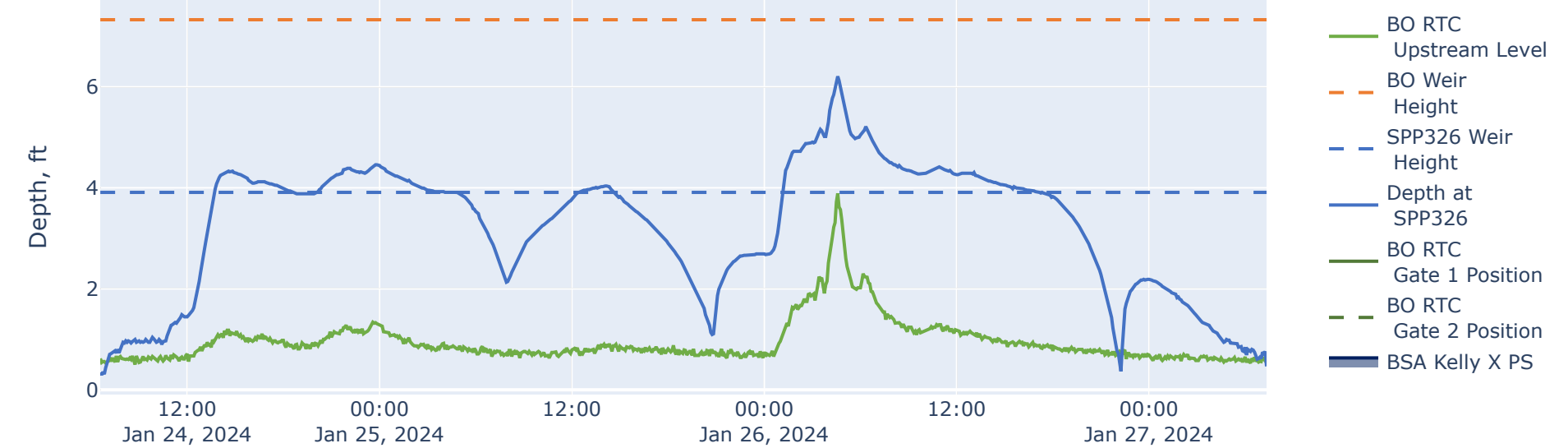
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.08
Volume Stored (MG)	0.009
Unused Storage Volume (MG)	0.549
RTC Depth at Overflow Start (ft)	1.06
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



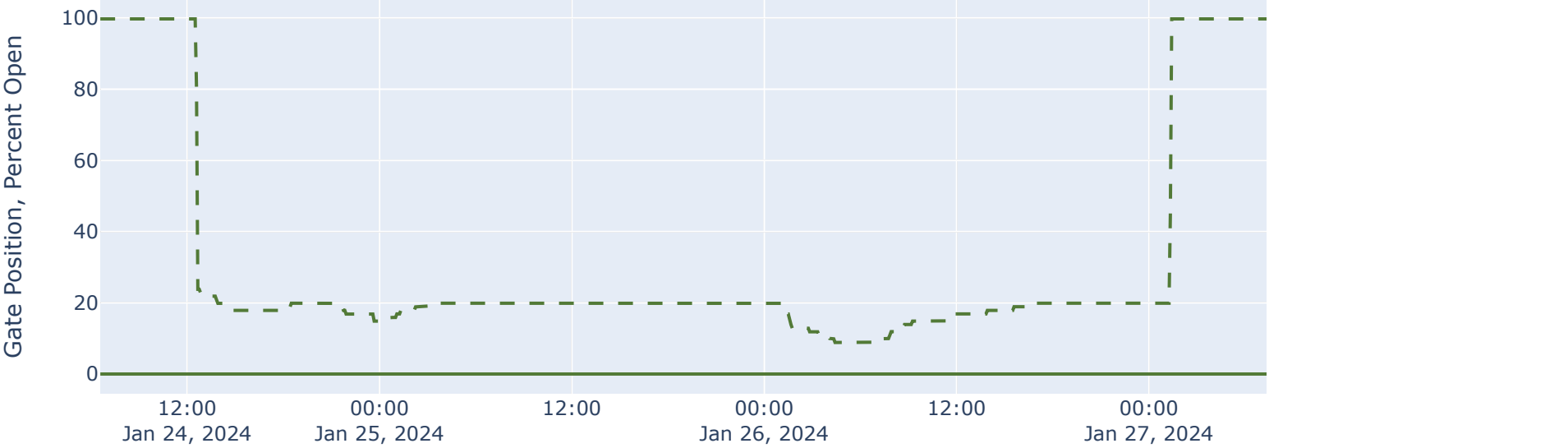
January 24, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	01/24/2024 06:35
Event End Date/Time	01/27/2024 07:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

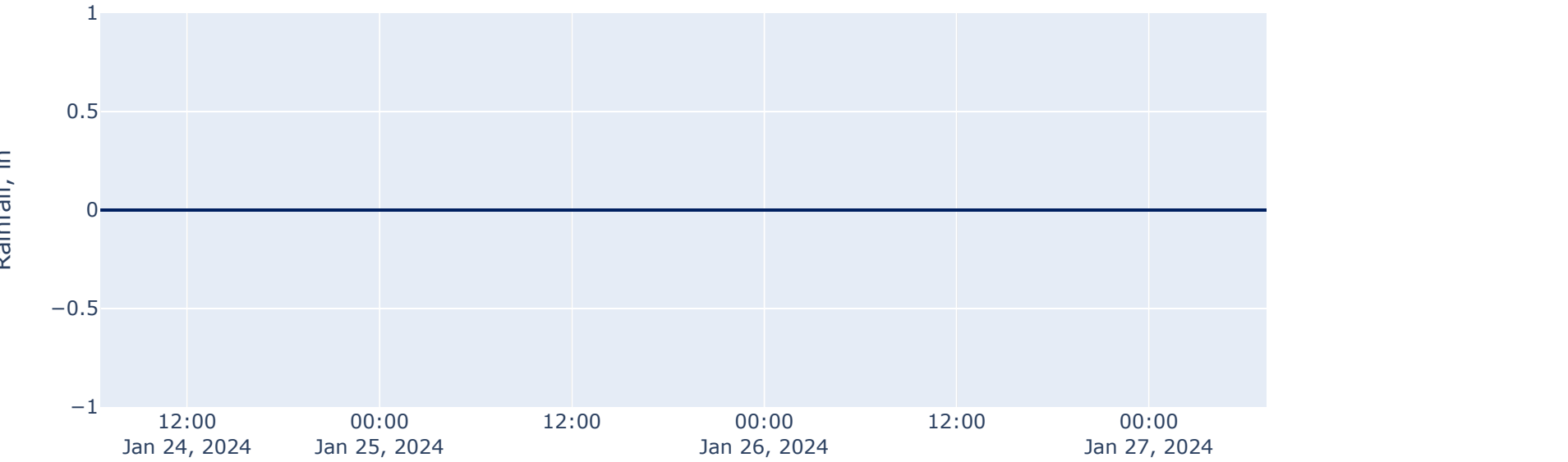
Overflow Data	Value
Overflow Volume Prevented (MG)	0.159
Percent Captured (%)	2
Unused Storage Volume (MG)	0.398
Overflow Before Storage Full	Yes
Storage Utilization (%)	29
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	10.434
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	10.434
Overflow Duration (hr)	3.58



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.74
Site Return to Normal Depth (ft)	N/A	0.65
Time Activated	N/A	01/24/2024 12:30
Time Returned to Normal	N/A	01/27/2024 01:25



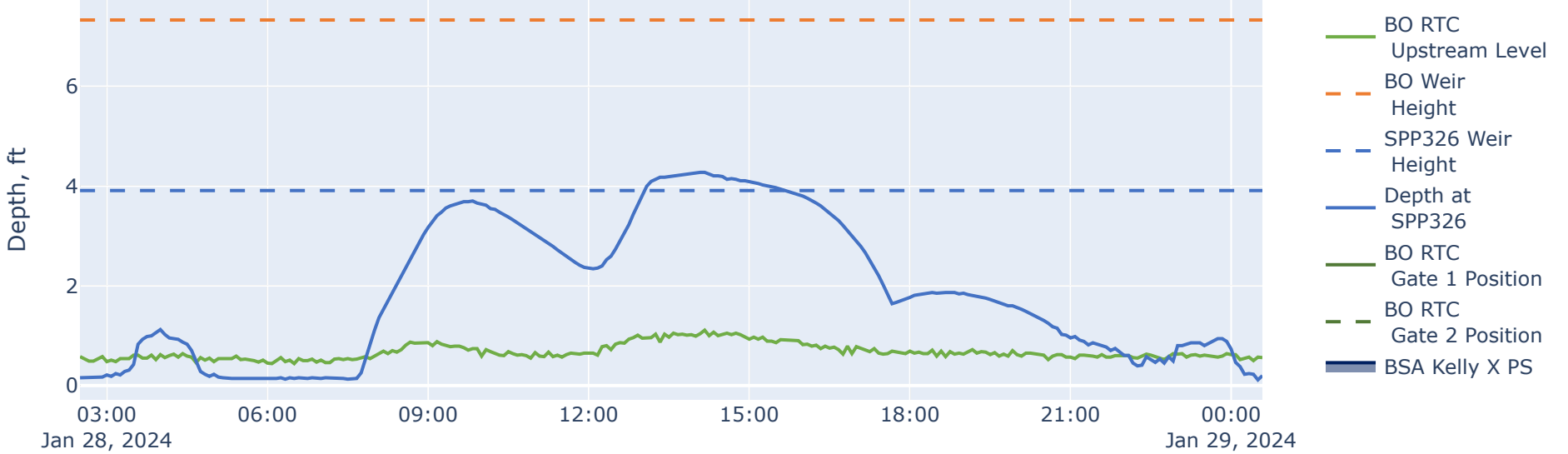
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.89
Volume Stored (MG)	0.159
Unused Storage Volume (MG)	0.398
RTC Depth at Overflow Start (ft)	1.0
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



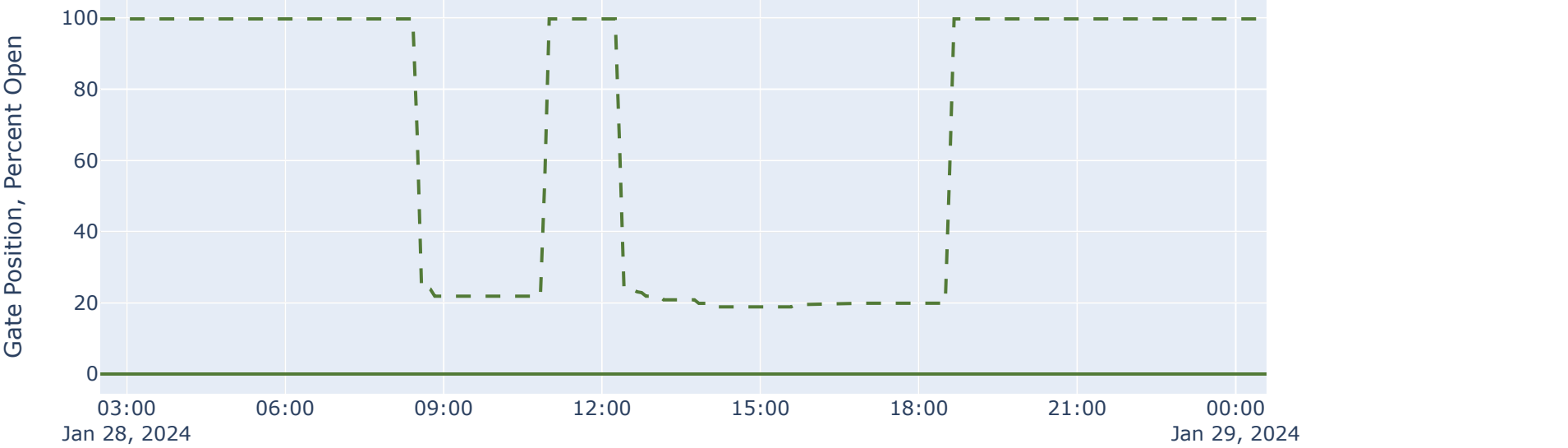
January 28, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	01/28/2024 02:30
Event End Date/Time	01/29/2024 00:35
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

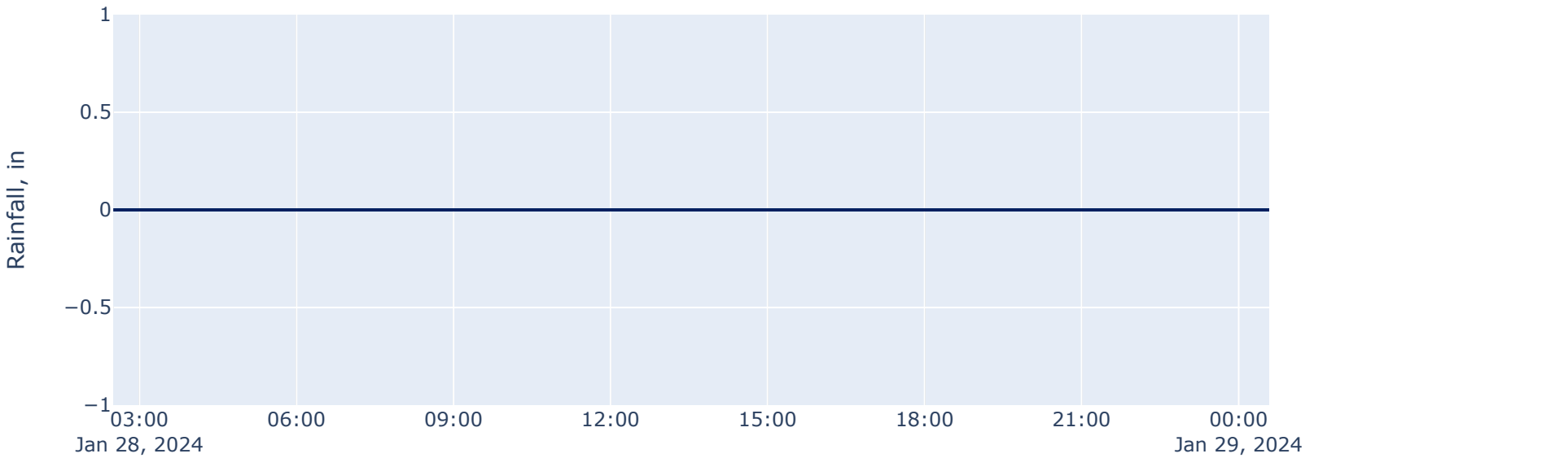
Overflow Data	Value
Overflow Volume Prevented (MG)	0.01
Percent Captured (%)	4
Unused Storage Volume (MG)	0.549
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.268
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.268
Overflow Duration (hr)	2.58



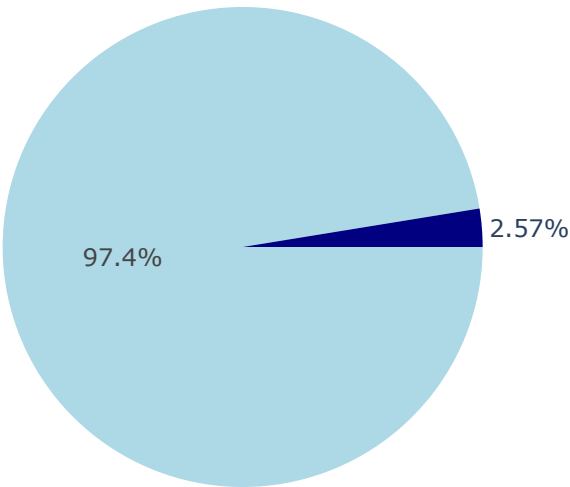
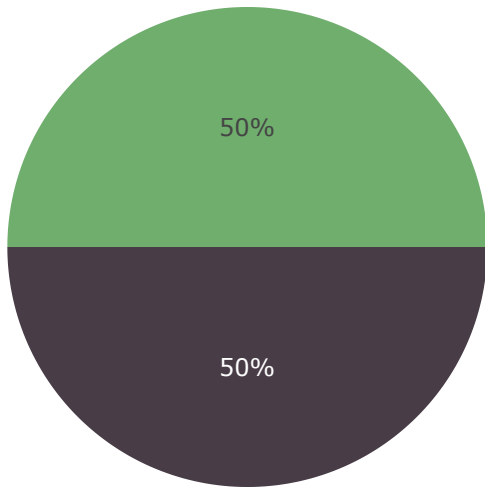
RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.67
Site Return to Normal Depth (ft)	N/A	0.58
Time Activated	N/A	01/28/2024 08:25
Time Returned to Normal	N/A	01/28/2024 18:40



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.11
Volume Stored (MG)	0.01
Unused Storage Volume (MG)	0.549
RTC Depth at Overflow Start (ft)	0.95
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Feb2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

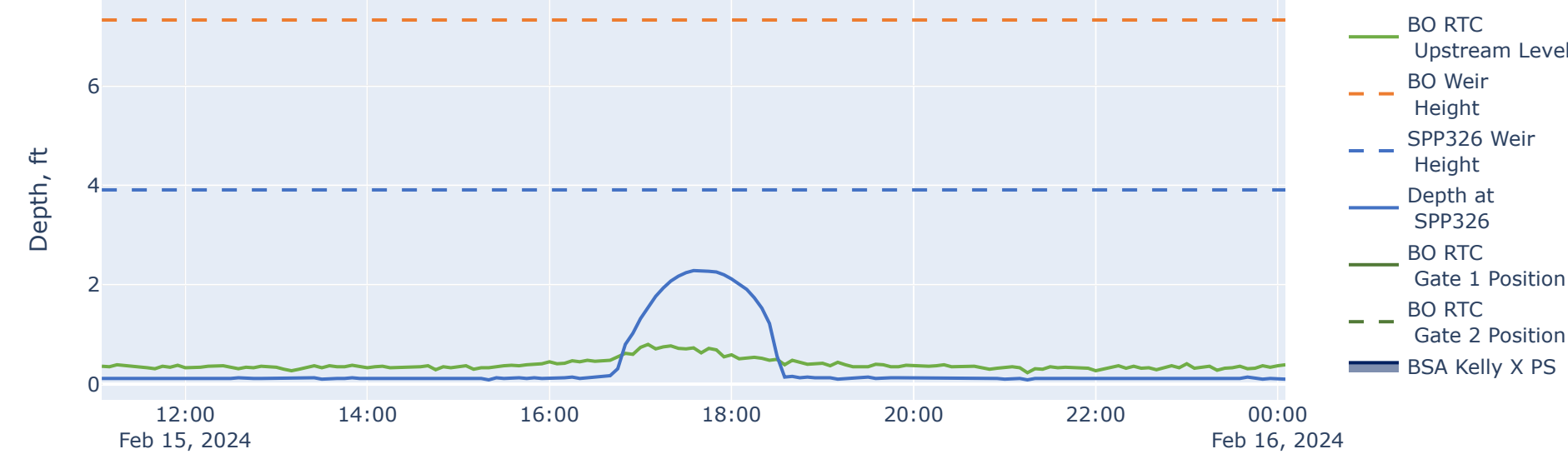
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
1	1	0.033	1.253	0.1

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
February 15, 2024	0.0	0.0	0.001	100	0.556	0	Good
February 27, 2024	0.1	1.253	0.032	2	0.529	6	Good

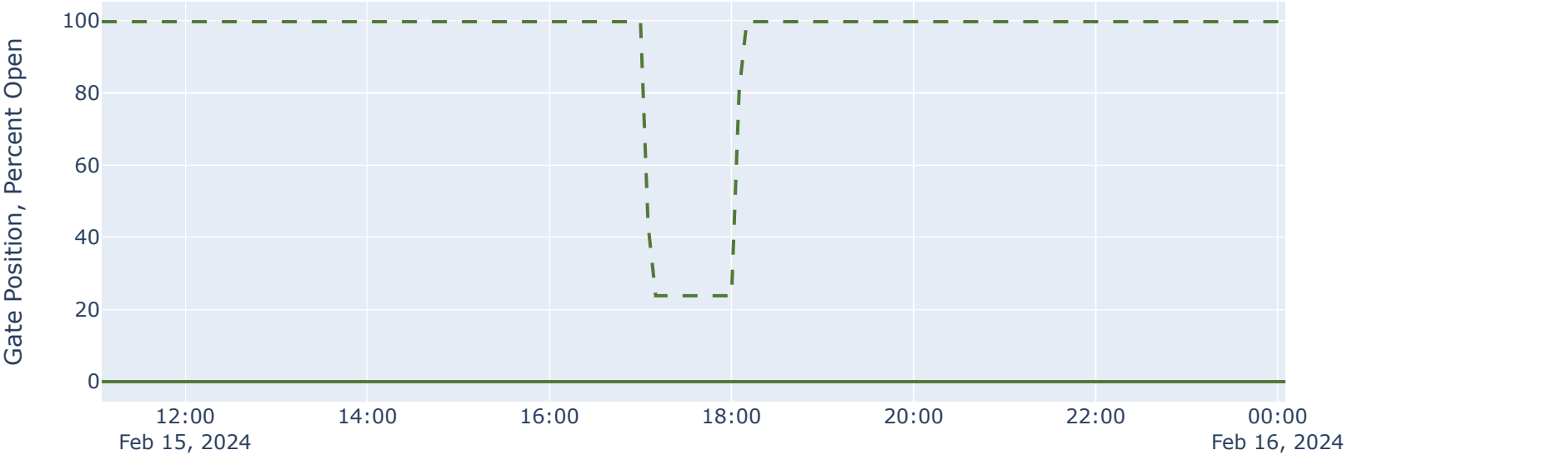
February 15, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	02/15/2024 11:05
Event End Date/Time	02/16/2024 00:05
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

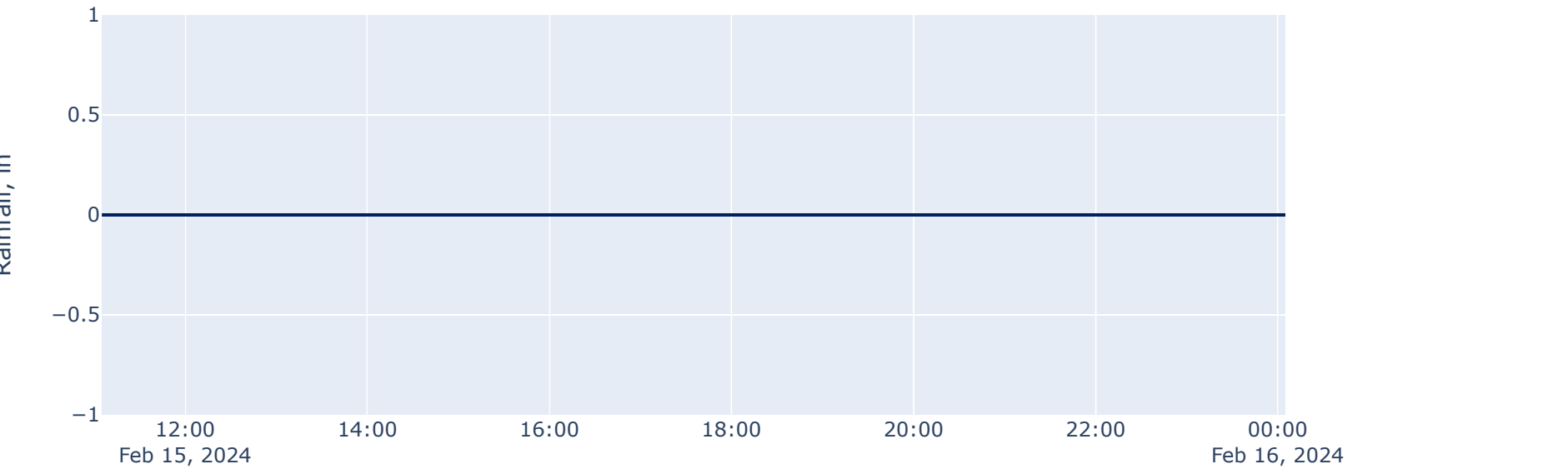
Overflow Data	Value
Overflow Volume Prevented (MG)	0.001
Percent Captured (%)	100
Unused Storage Volume (MG)	0.556
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.74
Site Return to Normal Depth (ft)	N/A	0.53
Time Activated	N/A	02/15/2024 17:00
Time Returned to Normal	N/A	02/15/2024 18:10



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.8
Volume Stored (MG)	0.001
Unused Storage Volume (MG)	0.556
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



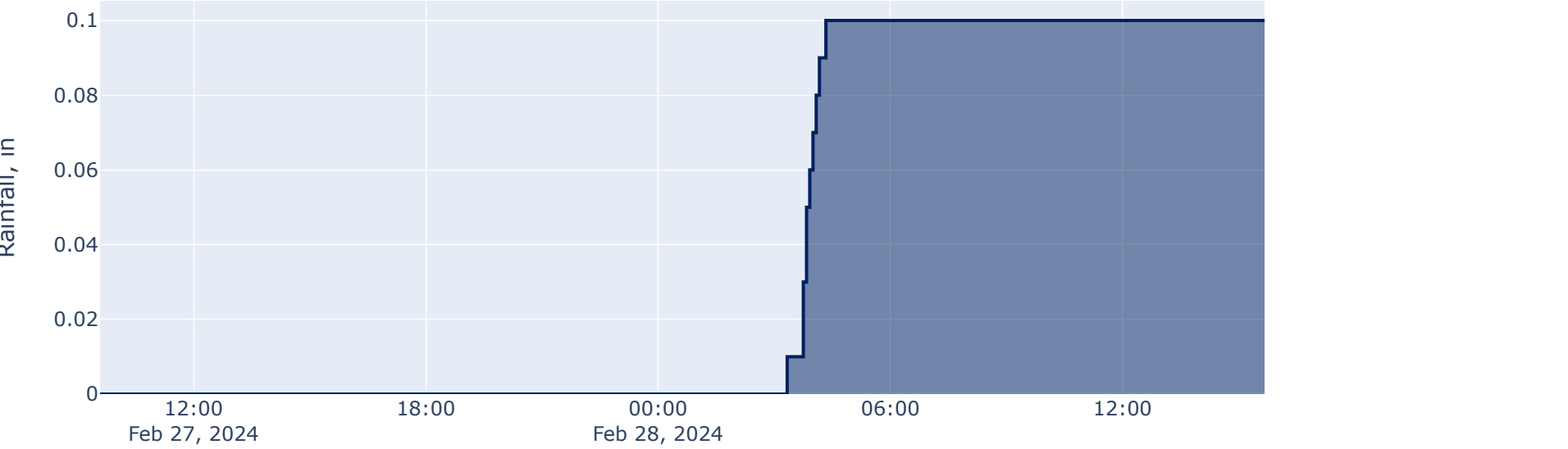
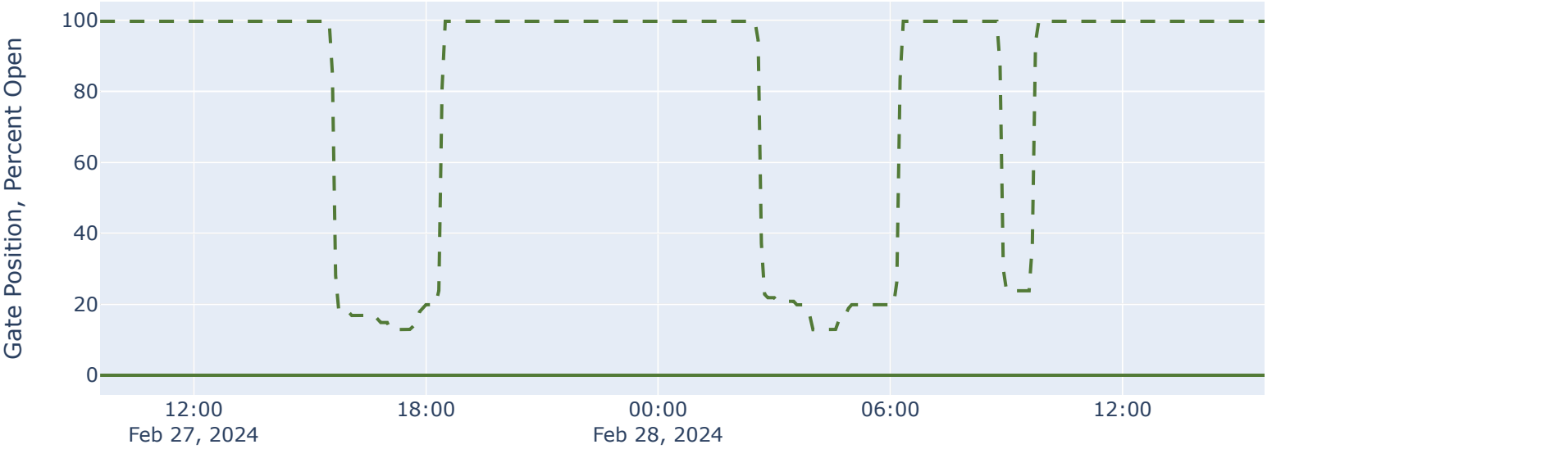
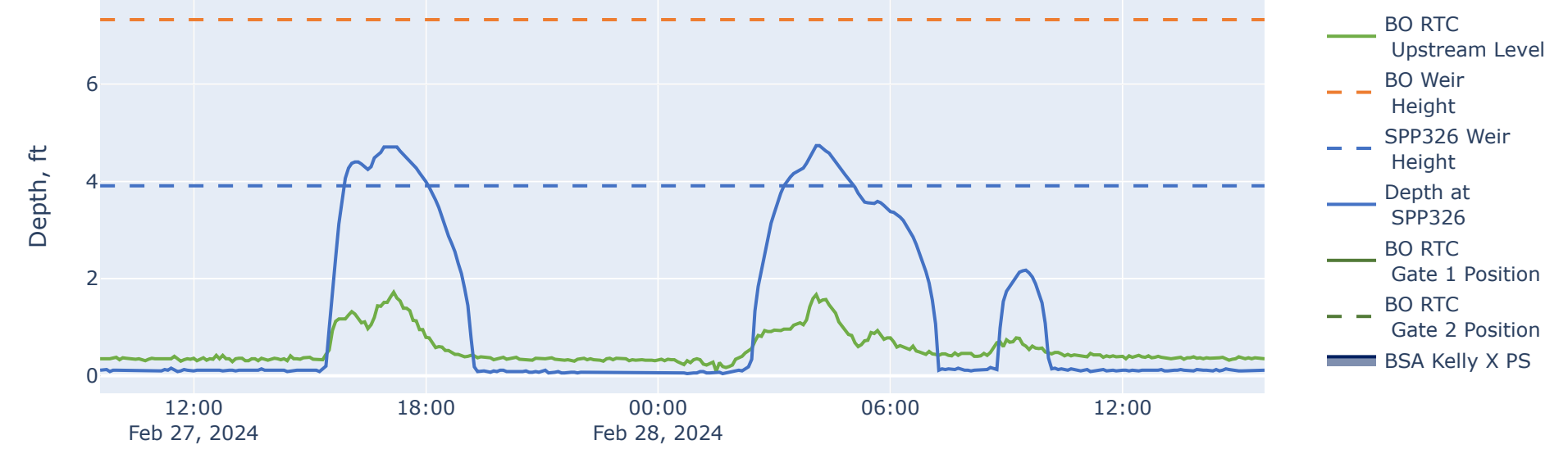
February 27, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	02/27/2024 09:35
Event End Date/Time	02/28/2024 15:40
Total Rainfall Accumulation (in)	0.1
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	1.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

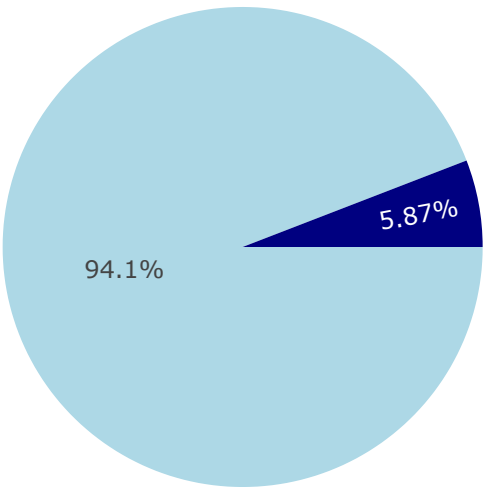
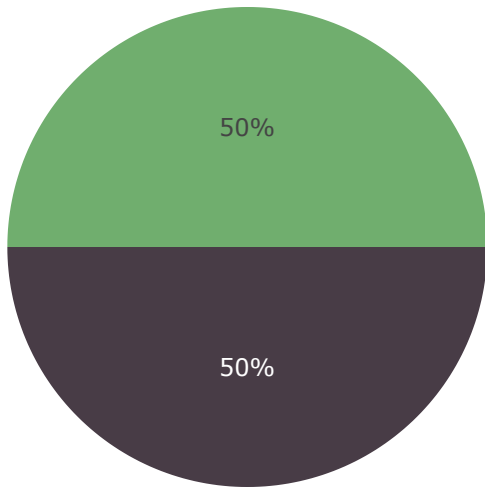
Overflow Data	Value
Overflow Volume Prevented (MG)	0.032
Percent Captured (%)	2
Unused Storage Volume (MG)	0.529
Overflow Before Storage Full	Yes
Storage Utilization (%)	6
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.253
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.253
Overflow Duration (hr)	13.08

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.53
Site Return to Normal Depth (ft)	N/A	0.56
Time Activated	N/A	02/27/2024 15:30
Time Returned to Normal	N/A	02/28/2024 09:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.72
Volume Stored (MG)	0.032
Unused Storage Volume (MG)	0.529
RTC Depth at Overflow Start (ft)	1.17
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Mar2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

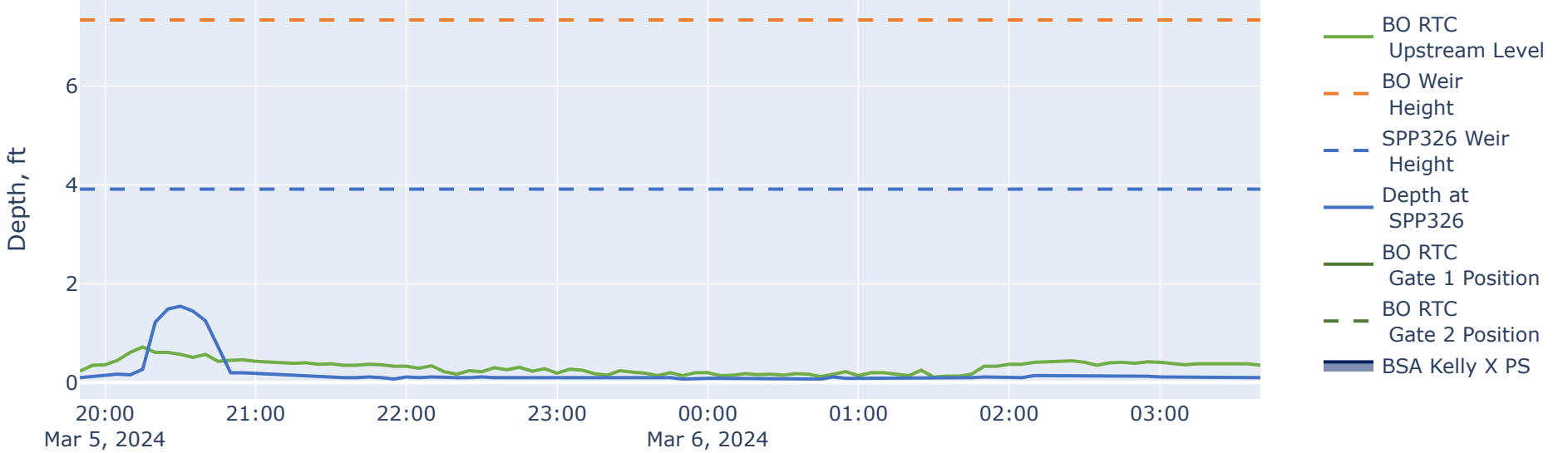
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
2	2	0.046	0.738	0.85

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
March 05, 2024	0.06	0.0	0.0	0	0.566	0	Good
March 09, 2024	0.06	0.0	0.003	100	0.555	1	Good
March 14, 2024	0.29	0.181	0.012	6	0.546	2	Good
March 16, 2024	0.29	0.557	0.029	5	0.53	5	Good
March 23, 2024	0.14	0.0	0.0	0	0.566	0	Good
March 26, 2024	0.0	0.0	0.002	100	0.556	0	Good

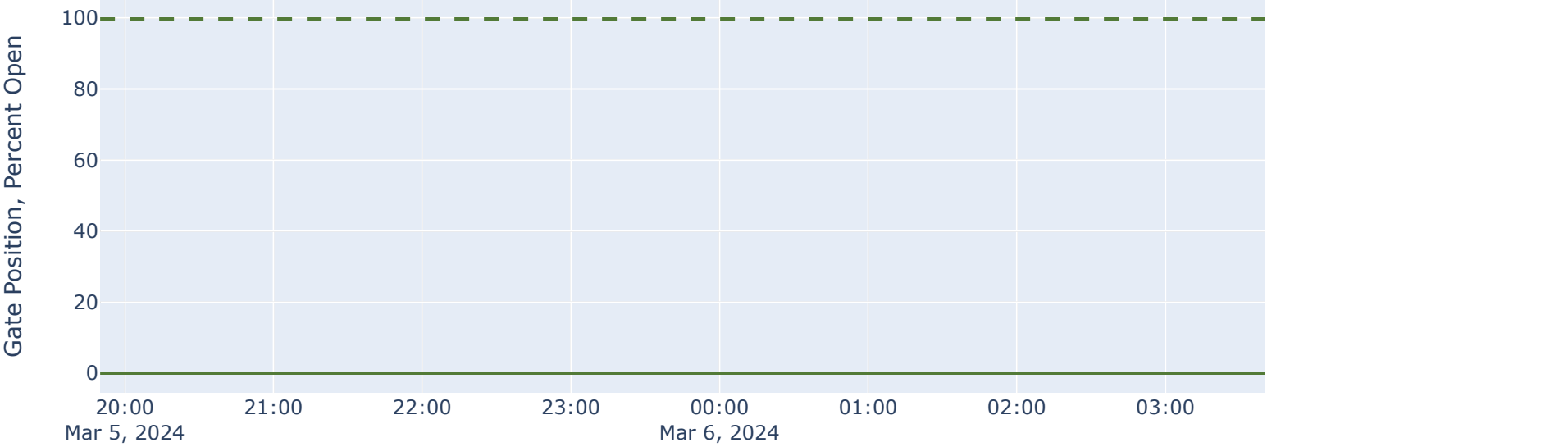
March 05, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/05/2024 19:50
Event End Date/Time	03/06/2024 03:40
Total Rainfall Accumulation (in)	0.06
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	7.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

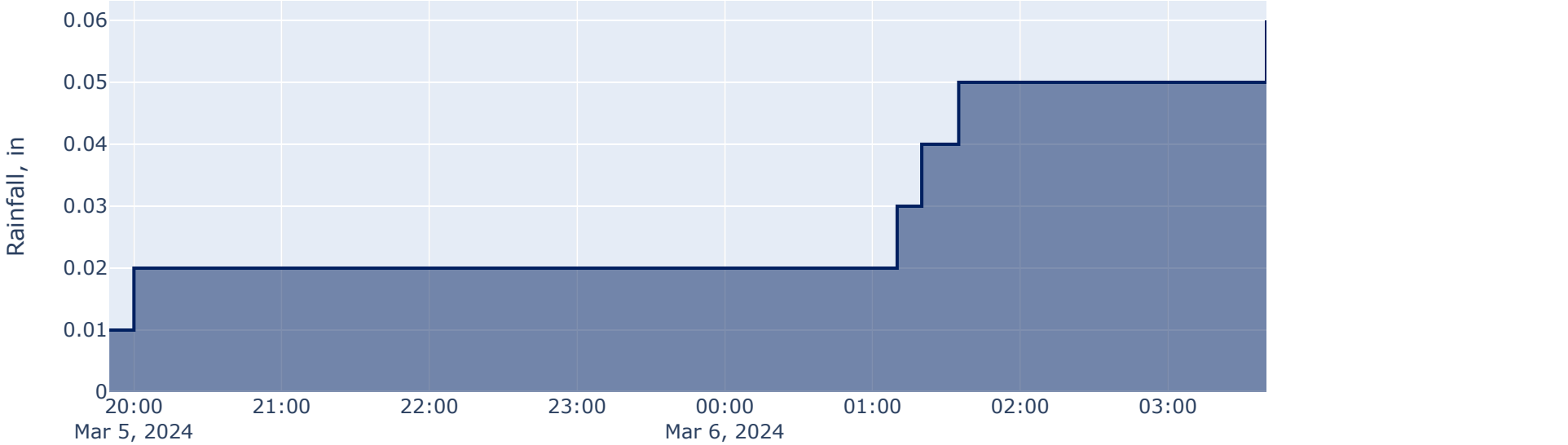
Overflow Data	Value
Overflow Volume Prevented (MG)	0
Percent Captured (%)	0
Unused Storage Volume (MG)	0.566
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A
Time Activated	N/A	N/A
Time Returned to Normal	N/A	N/A



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	N/A
Volume Stored (MG)	0
Unused Storage Volume (MG)	0.566
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



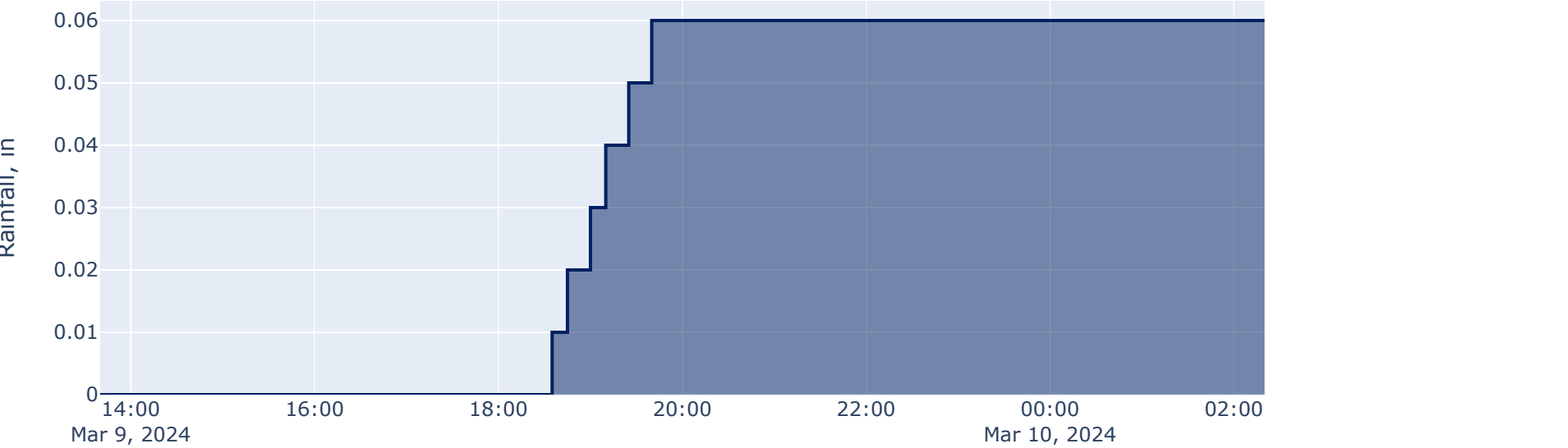
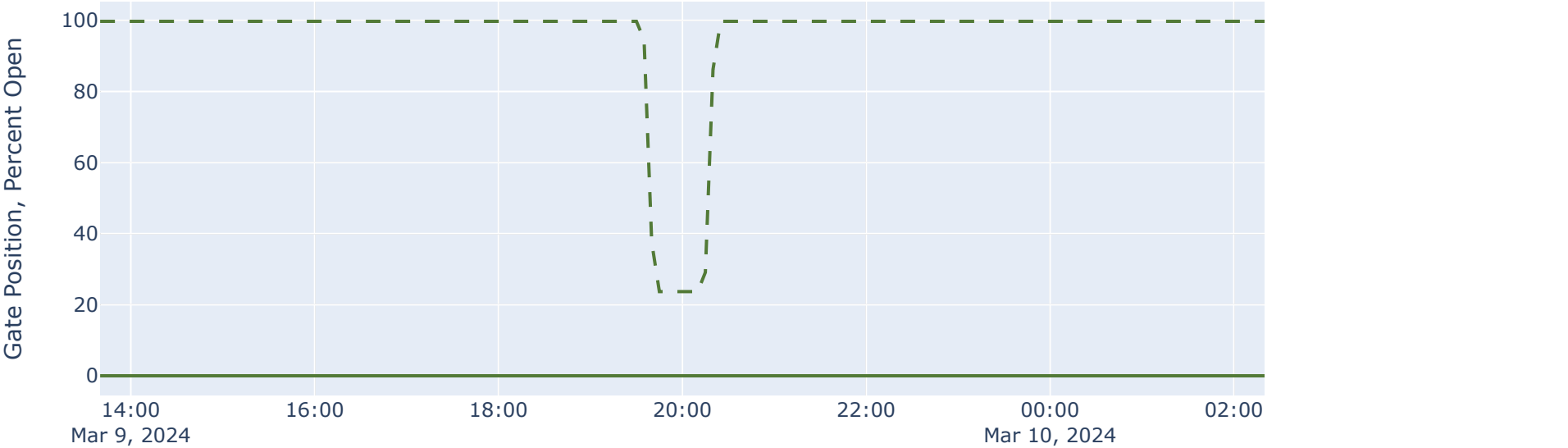
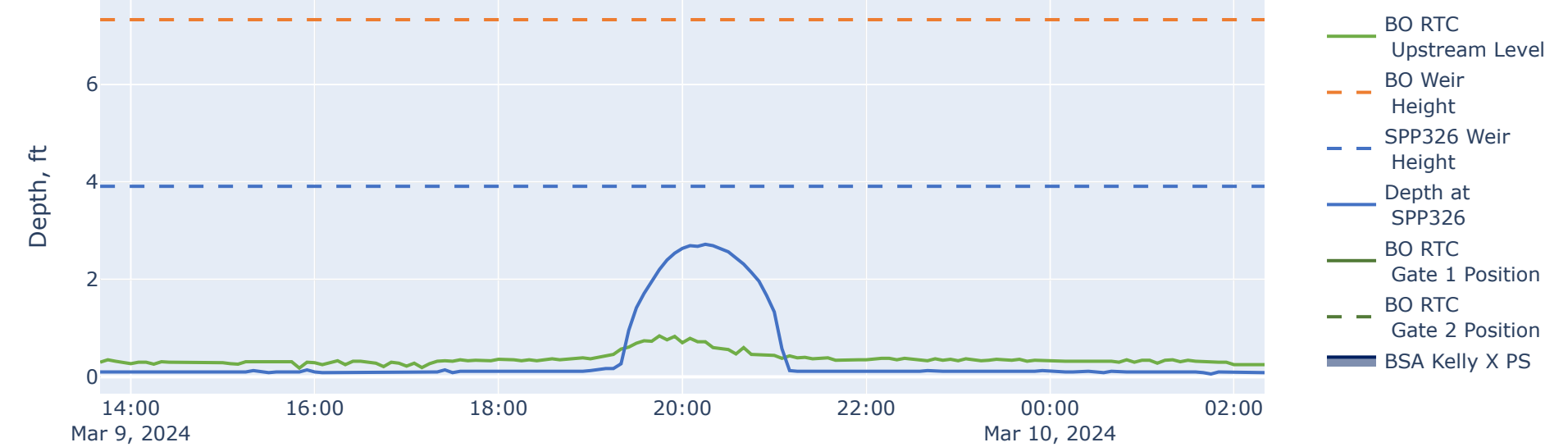
March 09, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/09/2024 13:40
Event End Date/Time	03/10/2024 02:20
Total Rainfall Accumulation (in)	0.06
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	1.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.003
Percent Captured (%)	100
Unused Storage Volume (MG)	0.555
Overflow Before Storage Full	No
Storage Utilization (%)	1
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.69
Site Return to Normal Depth (ft)	N/A	0.59
Time Activated	N/A	03/09/2024 19:30
Time Returned to Normal	N/A	03/09/2024 20:25

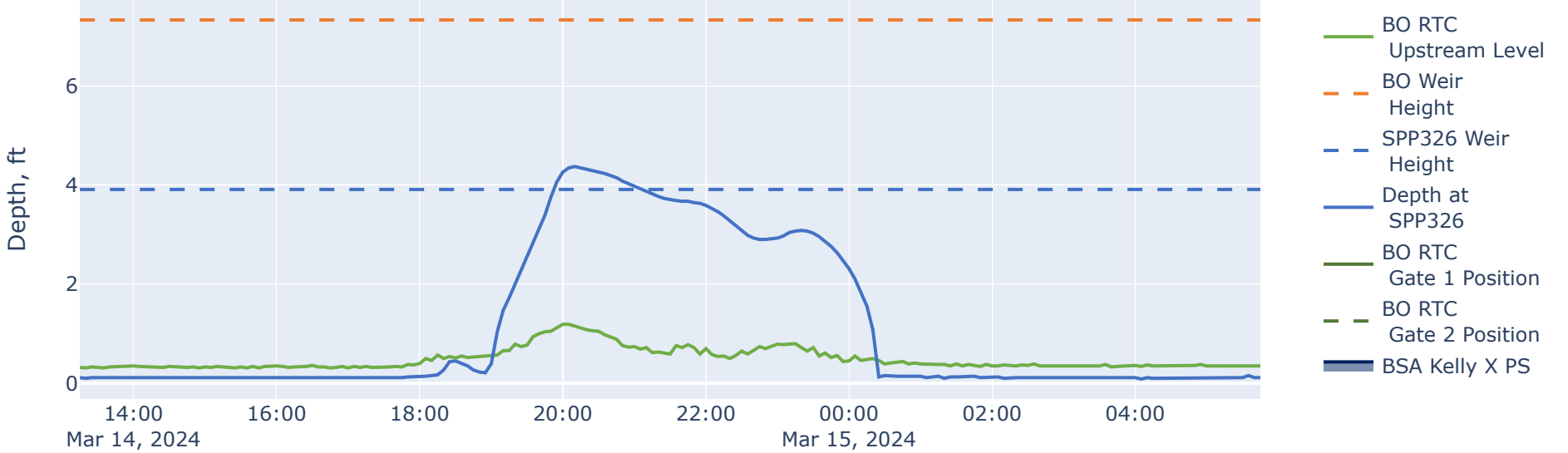
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.84
Volume Stored (MG)	0.003
Unused Storage Volume (MG)	0.555
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



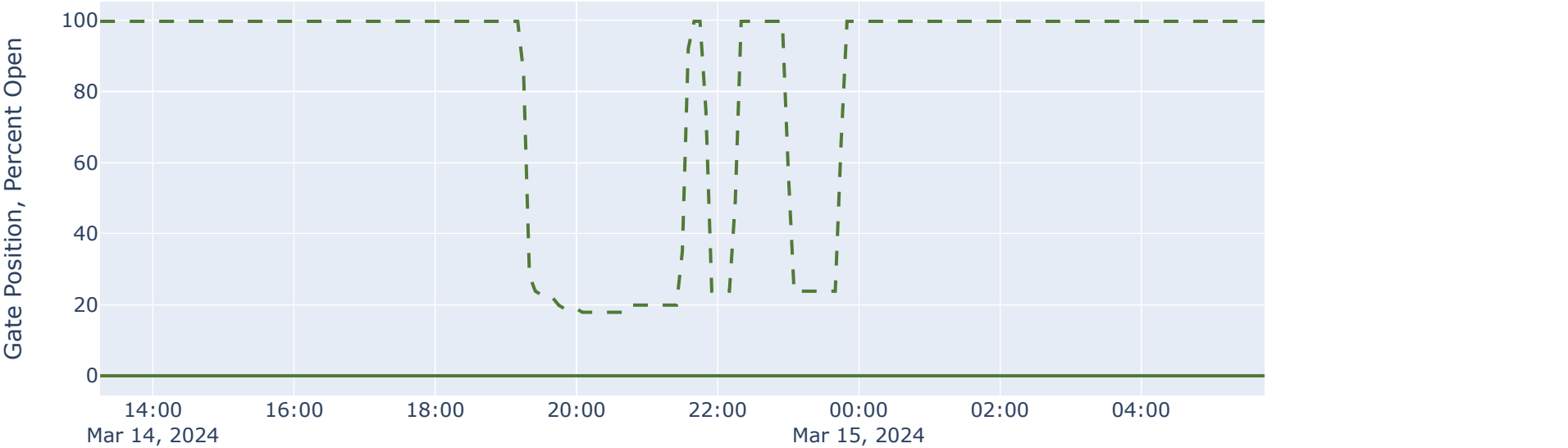
March 14, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/14/2024 13:15
Event End Date/Time	03/15/2024 05:45
Total Rainfall Accumulation (in)	0.29
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	5.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

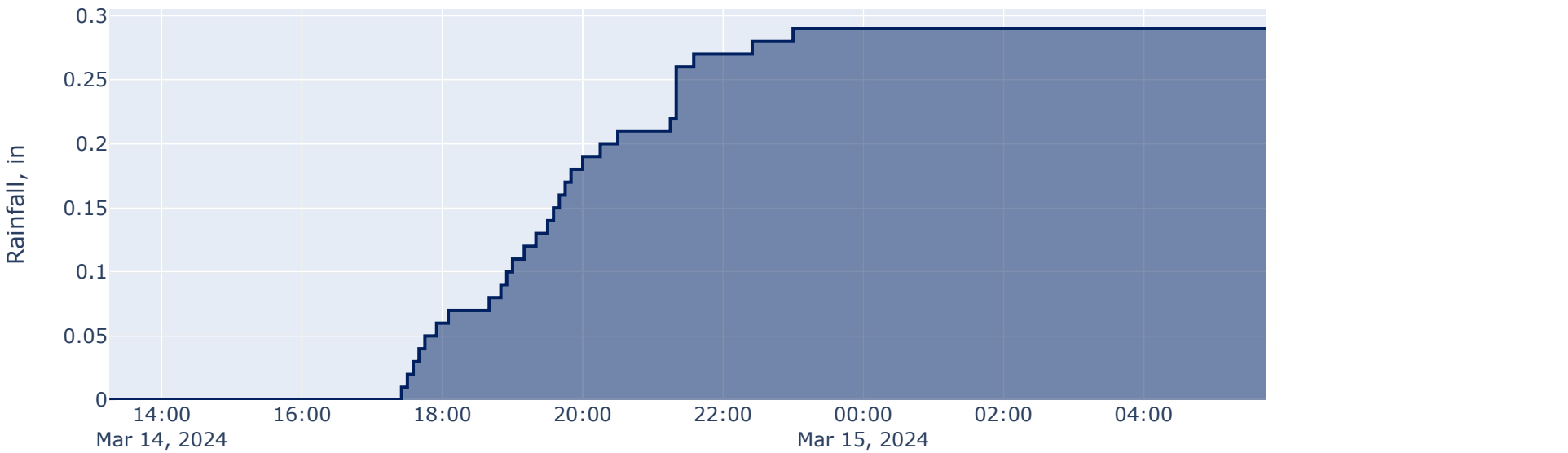
Overflow Data	Value
Overflow Volume Prevented (MG)	0.012
Percent Captured (%)	6
Unused Storage Volume (MG)	0.546
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.181
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.181
Overflow Duration (hr)	1.17



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.66
Site Return to Normal Depth (ft)	N/A	0.56
Time Activated	N/A	03/14/2024 19:10
Time Returned to Normal	N/A	03/14/2024 23:50



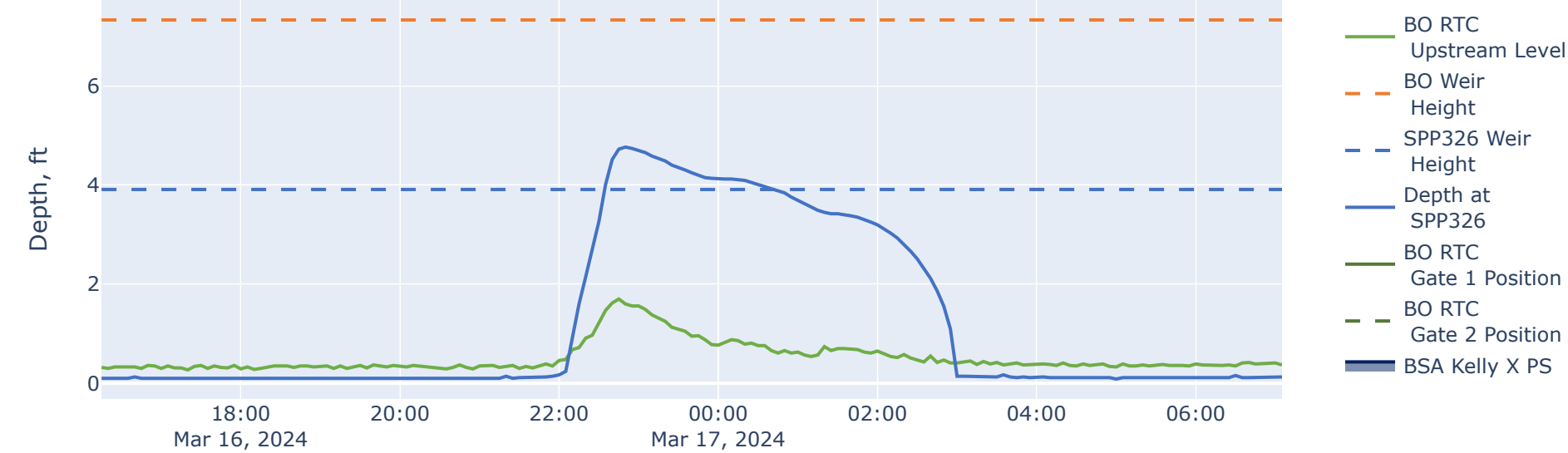
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.19
Volume Stored (MG)	0.012
Unused Storage Volume (MG)	0.546
RTC Depth at Overflow Start (ft)	1.11
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



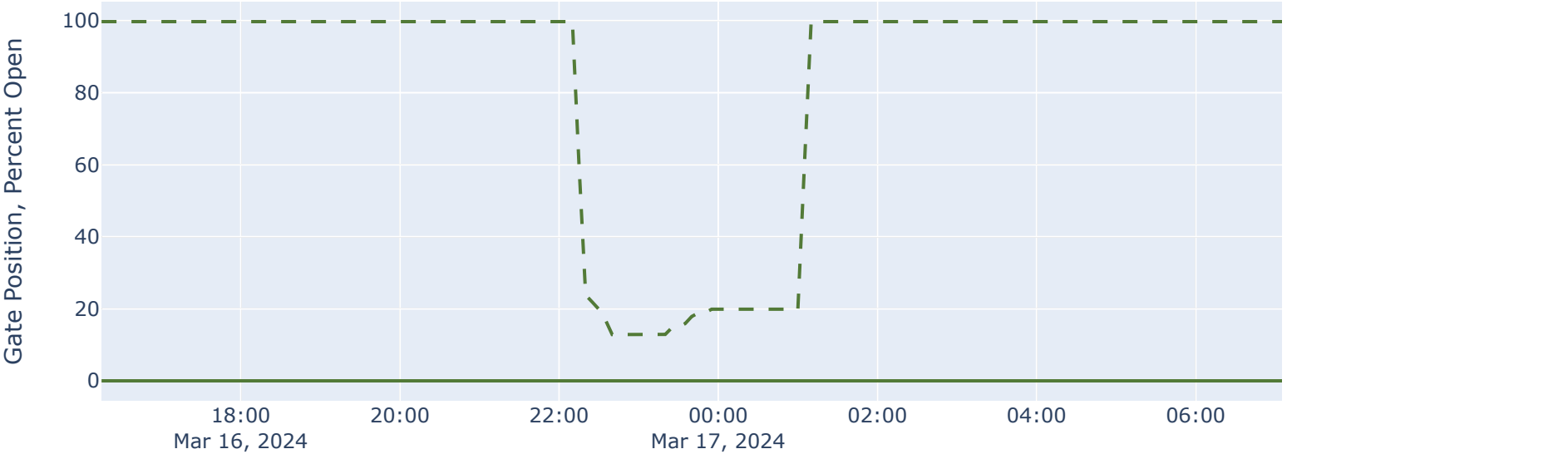
March 16, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/16/2024 16:15
Event End Date/Time	03/17/2024 07:05
Total Rainfall Accumulation (in)	0.29
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	8.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

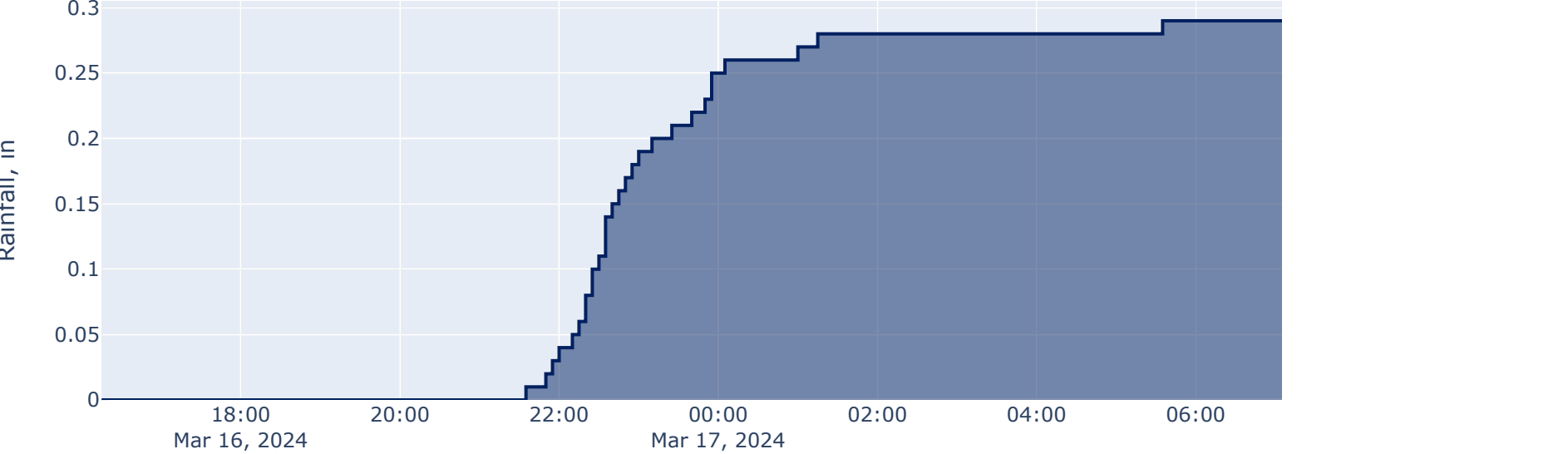
Overflow Data	Value
Overflow Volume Prevented (MG)	0.029
Percent Captured (%)	5
Unused Storage Volume (MG)	0.53
Overflow Before Storage Full	Yes
Storage Utilization (%)	5
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.557
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.557
Overflow Duration (hr)	2.08



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.68
Site Return to Normal Depth (ft)	N/A	0.54
Time Activated	N/A	03/16/2024 22:10
Time Returned to Normal	N/A	03/17/2024 01:10



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.7
Volume Stored (MG)	0.029
Unused Storage Volume (MG)	0.53
RTC Depth at Overflow Start (ft)	1.47
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



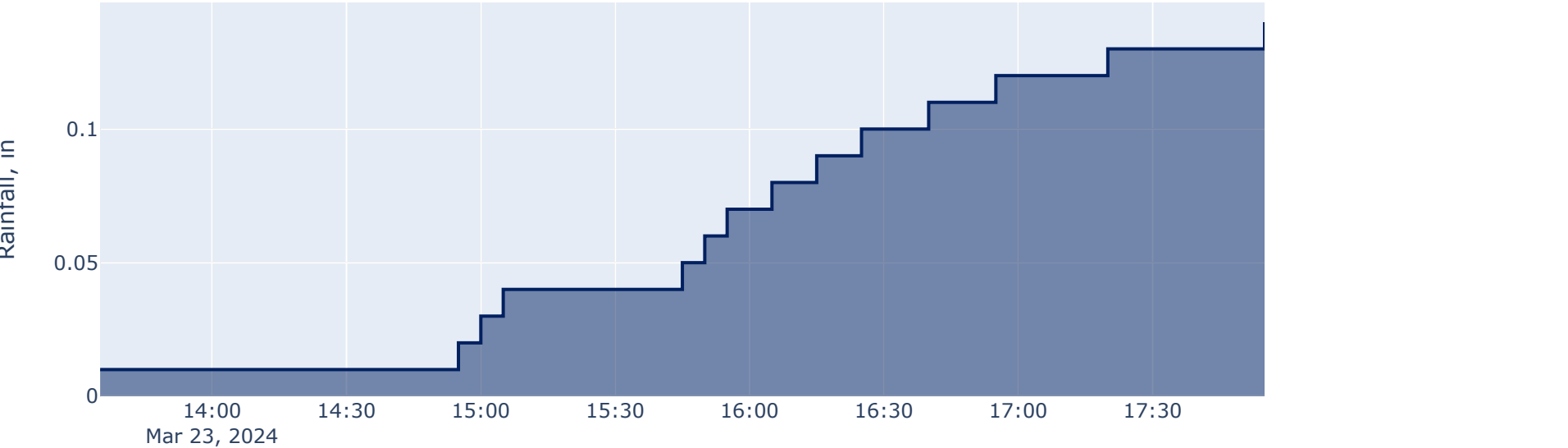
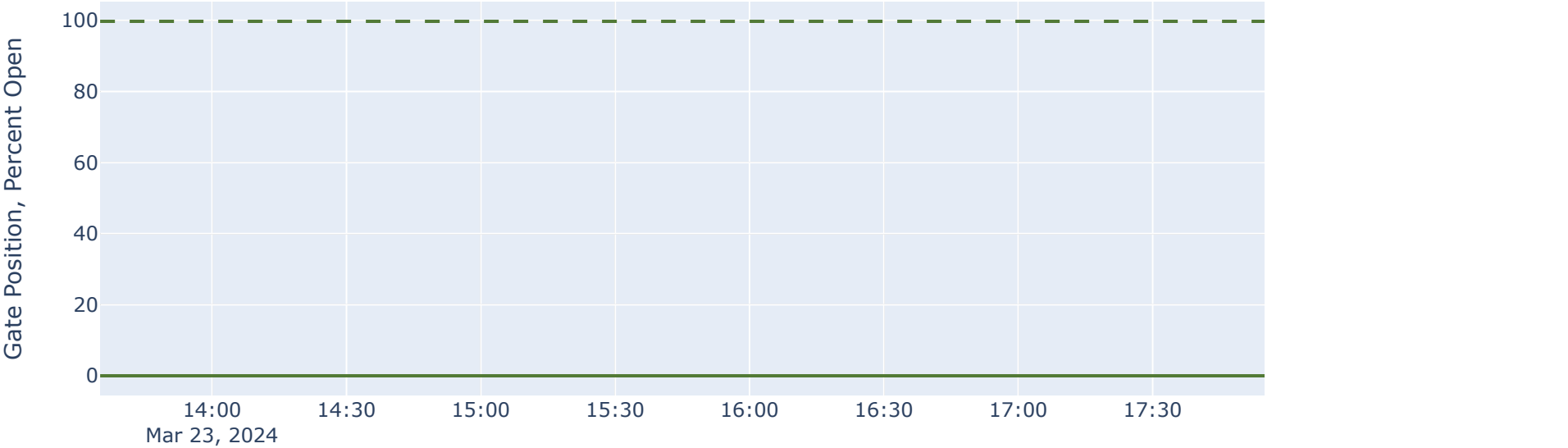
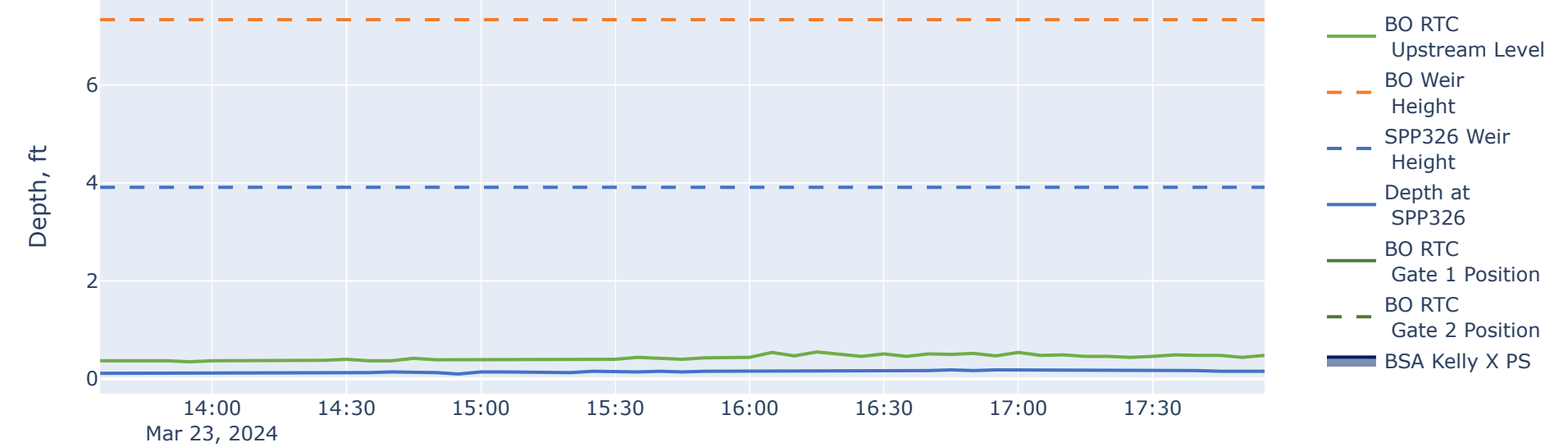
March 23, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/23/2024 13:35
Event End Date/Time	03/23/2024 17:55
Total Rainfall Accumulation (in)	0.14
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	4.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0
Percent Captured (%)	0
Unused Storage Volume (MG)	0.566
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A
Time Activated	N/A	N/A
Time Returned to Normal	N/A	N/A

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	N/A
Volume Stored (MG)	0
Unused Storage Volume (MG)	0.566
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



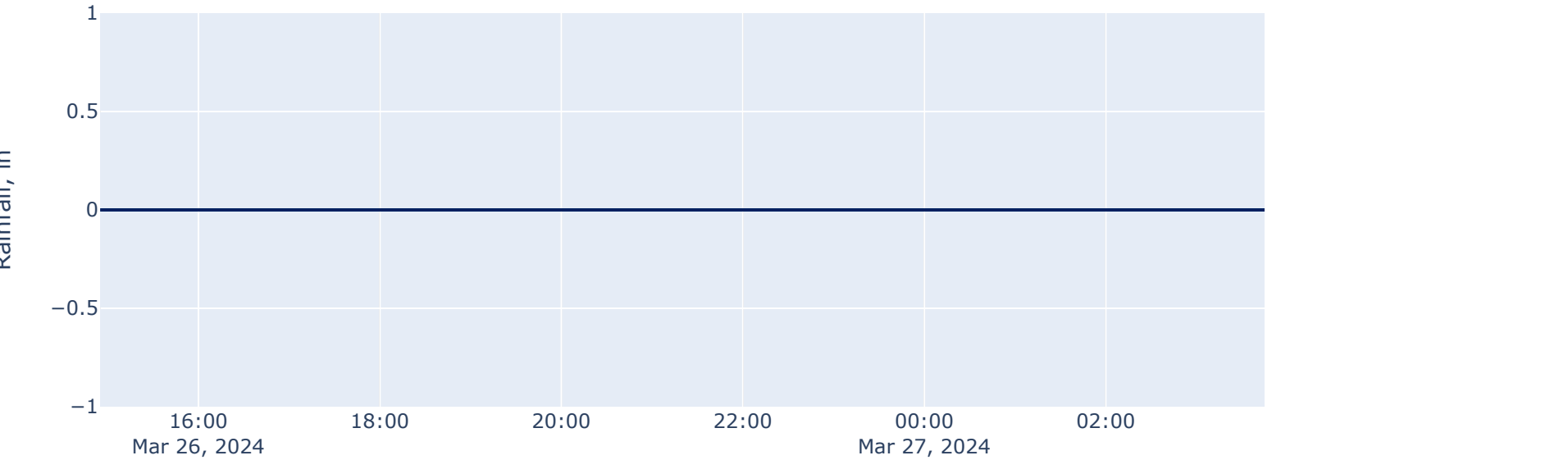
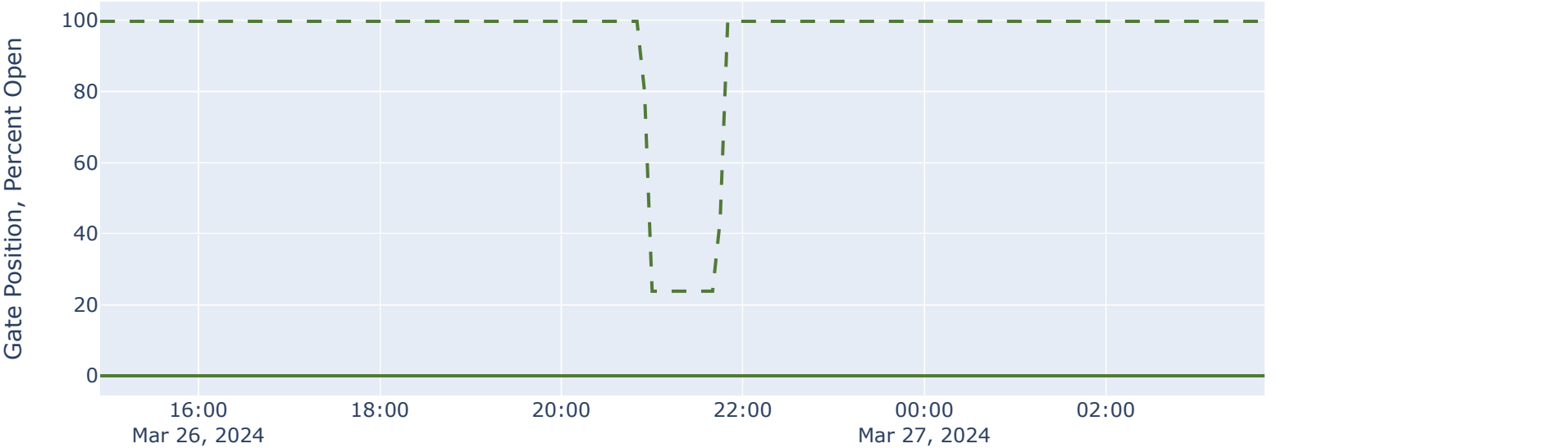
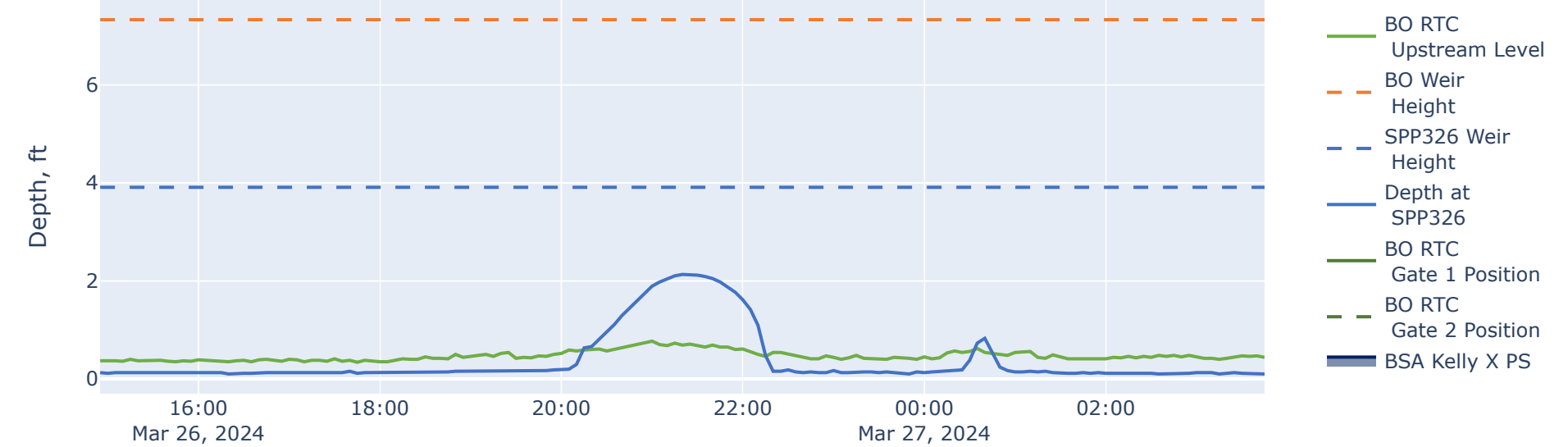
March 26, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	03/26/2024 14:55
Event End Date/Time	03/27/2024 03:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

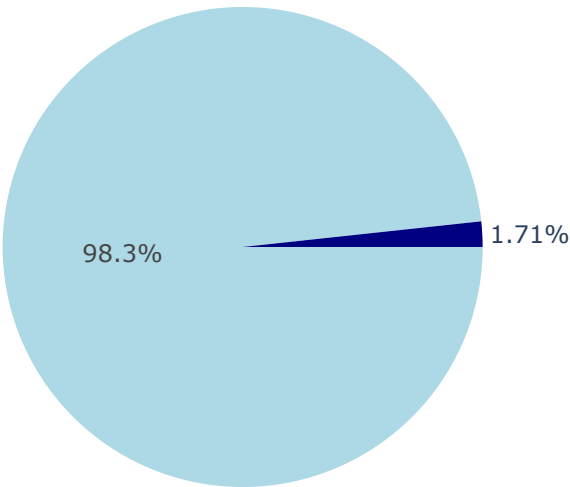
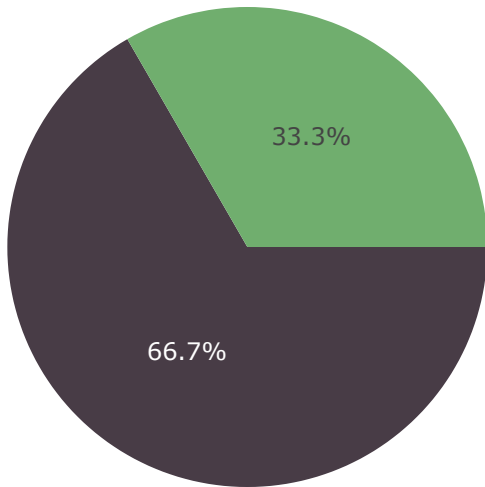
Overflow Data	Value
Overflow Volume Prevented (MG)	0.002
Percent Captured (%)	100
Unused Storage Volume (MG)	0.556
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.69
Site Return to Normal Depth (ft)	N/A	0.65
Time Activated	N/A	03/26/2024 20:50
Time Returned to Normal	N/A	03/26/2024 21:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.77
Volume Stored (MG)	0.002
Unused Storage Volume (MG)	0.556
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Apr2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

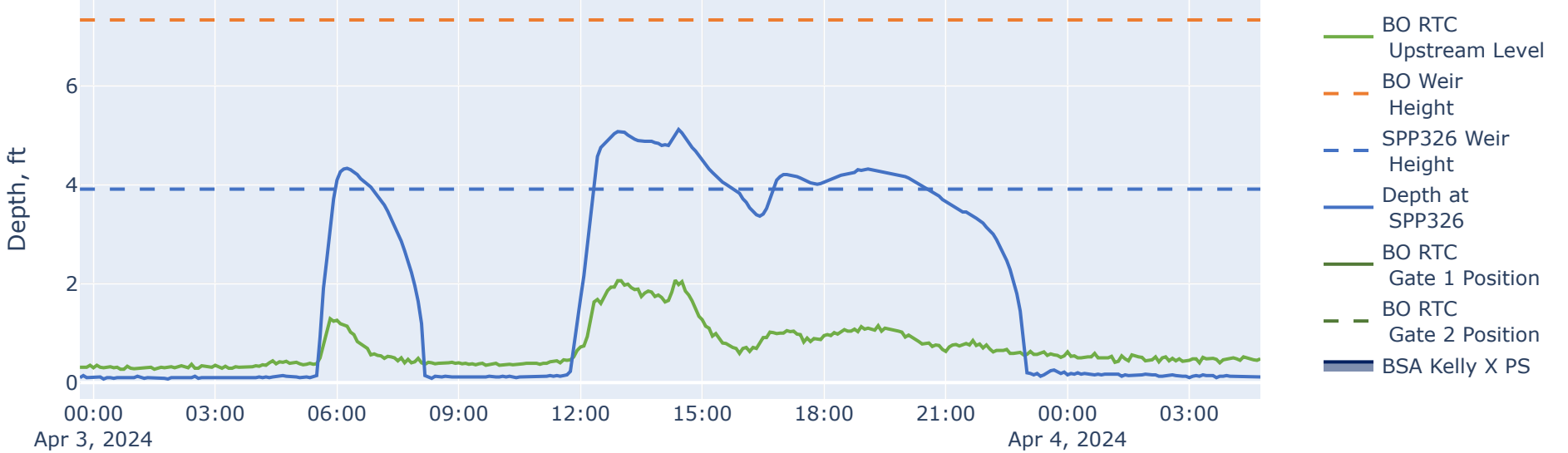
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
2	4	0.258	14.868	1.25

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
April 02, 2024	0.0	2.879	0.047	2	0.514	8	Good
April 10, 2024	1.18	10.073	0.089	1	0.47	16	Good
April 14, 2024	0.0	0.013	0.01	43	0.549	2	Good
April 17, 2024	0.07	1.903	0.106	5	0.457	19	Good
April 23, 2024	0.0	0.0	0.004	100	0.555	1	Good
April 28, 2024	0.0	0.0	0.002	100	0.556	0	Good

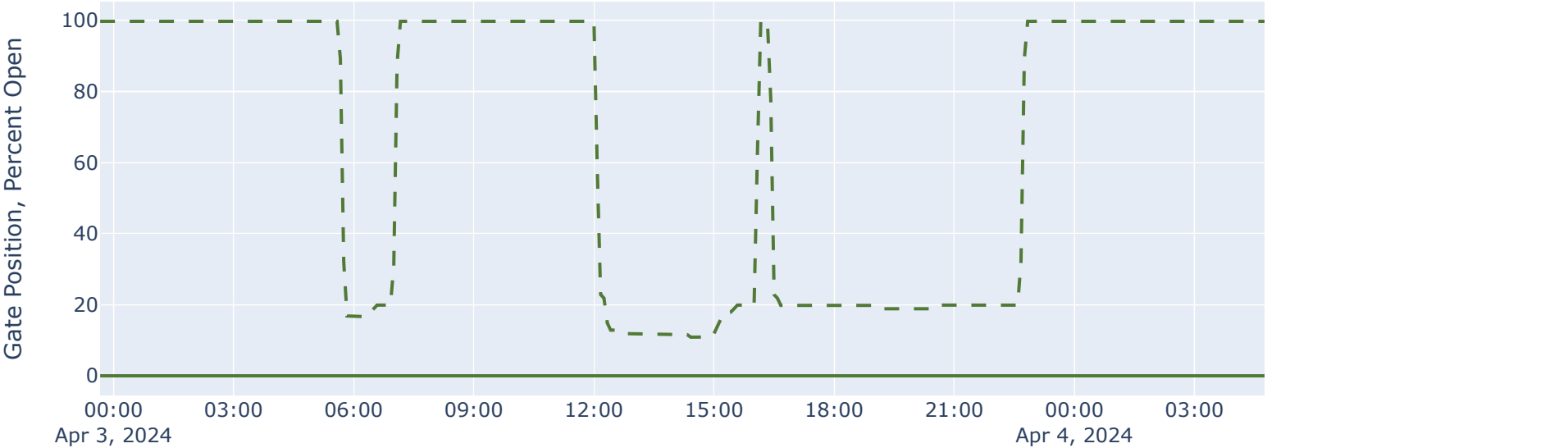
April 02, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/02/2024 23:40
Event End Date/Time	04/04/2024 04:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

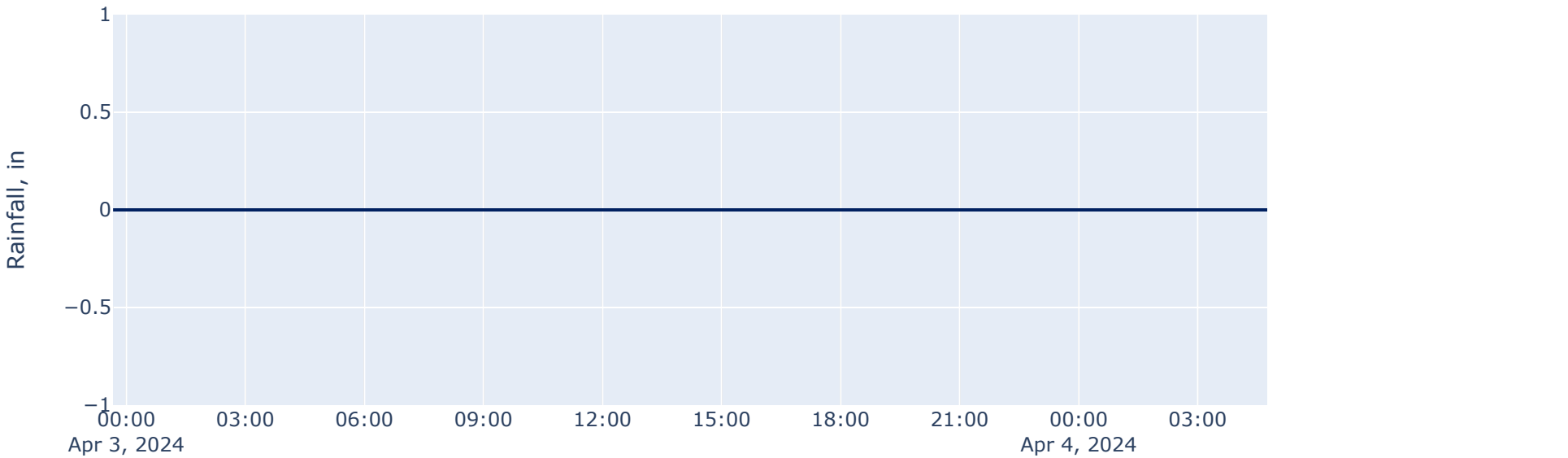
Overflow Data	Value
Overflow Volume Prevented (MG)	0.047
Percent Captured (%)	2
Unused Storage Volume (MG)	0.514
Overflow Before Storage Full	Yes
Storage Utilization (%)	8
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.879
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.879
Overflow Duration (hr)	14.58



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.5
Site Return to Normal Depth (ft)	N/A	0.61
Time Activated	N/A	04/03/2024 05:35
Time Returned to Normal	N/A	04/03/2024 22:50



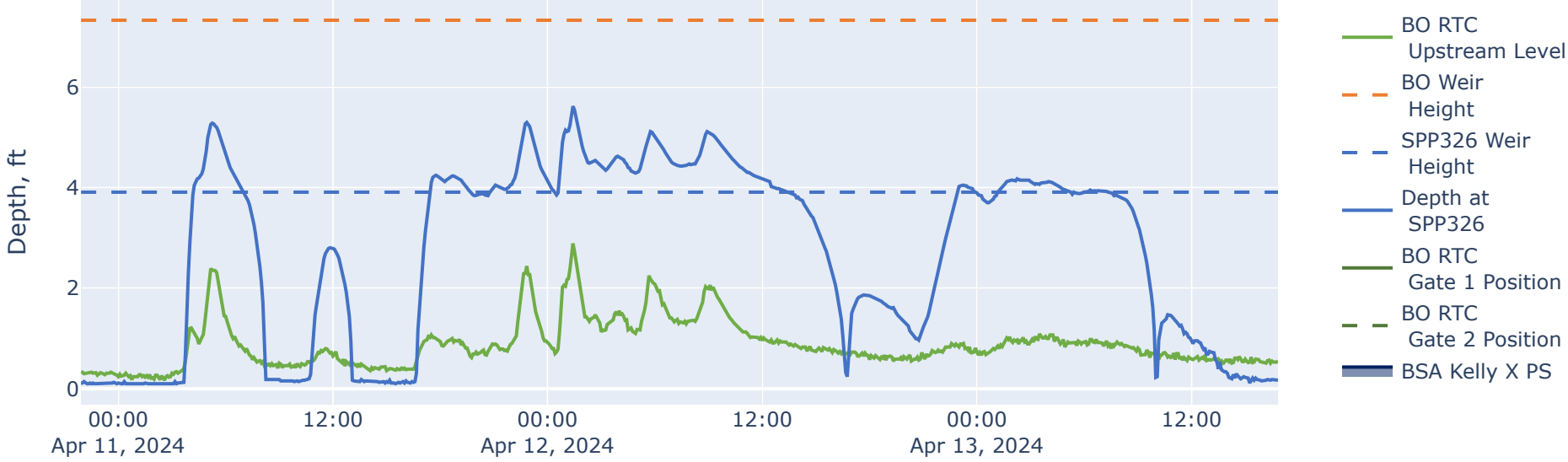
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.07
Volume Stored (MG)	0.047
Unused Storage Volume (MG)	0.514
RTC Depth at Overflow Start (ft)	1.26
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



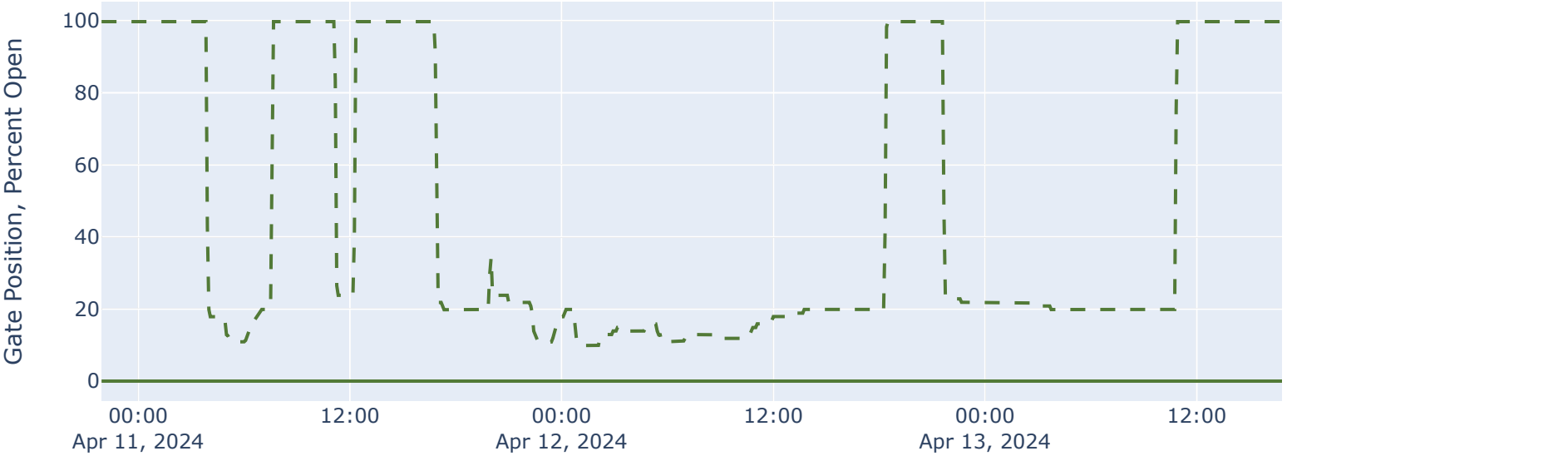
April 10, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/10/2024 21:55
Event End Date/Time	04/13/2024 16:50
Total Rainfall Accumulation (in)	1.18
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	22.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

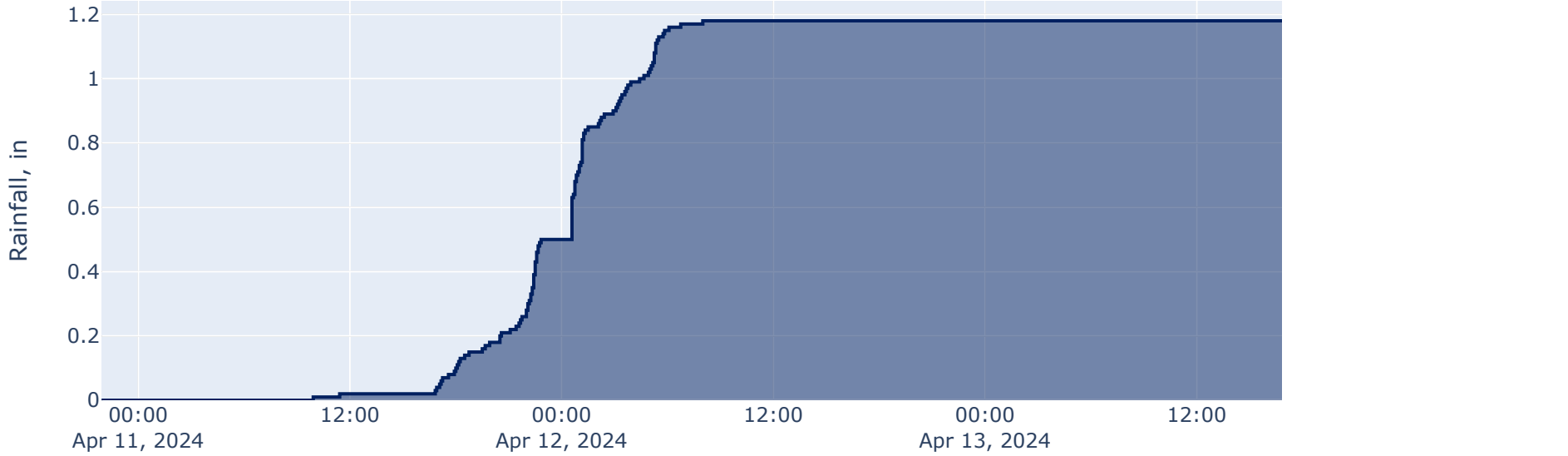
Overflow Data	Value
Overflow Volume Prevented (MG)	0.089
Percent Captured (%)	1
Unused Storage Volume (MG)	0.47
Overflow Before Storage Full	Yes
Storage Utilization (%)	16
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	10.073
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	10.073
Overflow Duration (hr)	3.17



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.64
Site Return to Normal Depth (ft)	N/A	0.63
Time Activated	N/A	04/11/2024 03:50
Time Returned to Normal	N/A	04/13/2024 10:55



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.89
Volume Stored (MG)	0.089
Unused Storage Volume (MG)	0.47
RTC Depth at Overflow Start (ft)	1.09
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



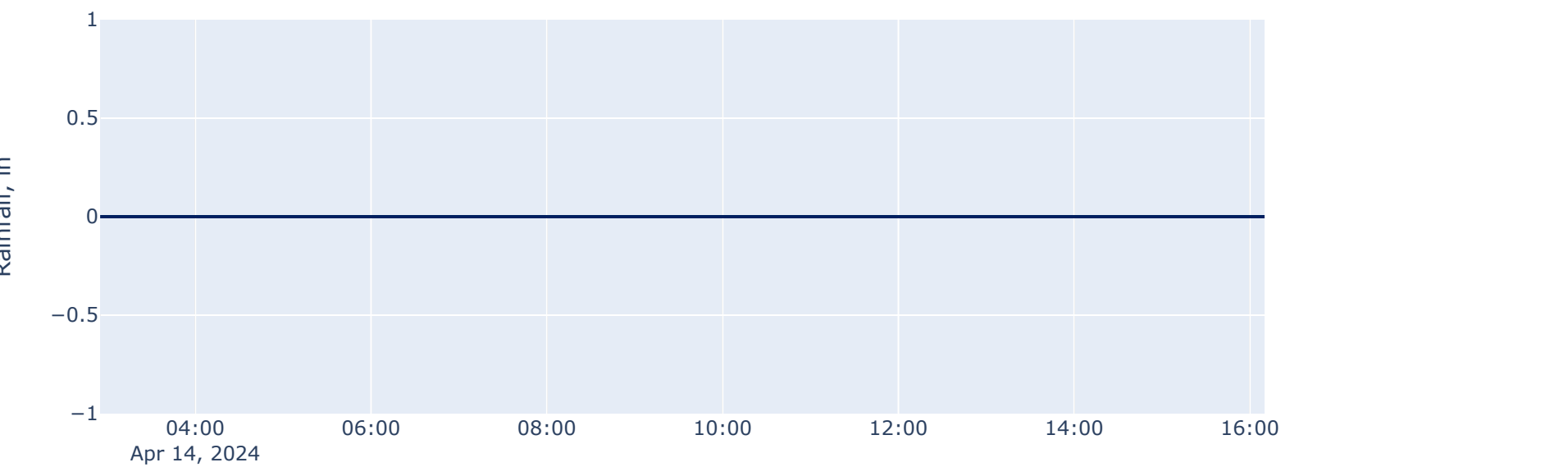
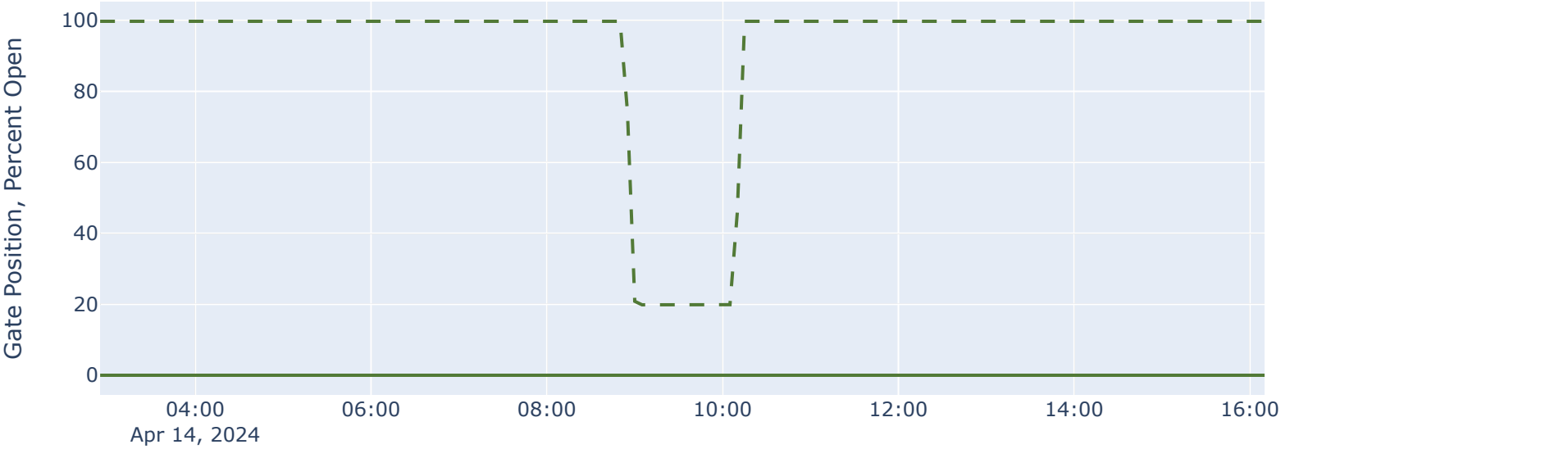
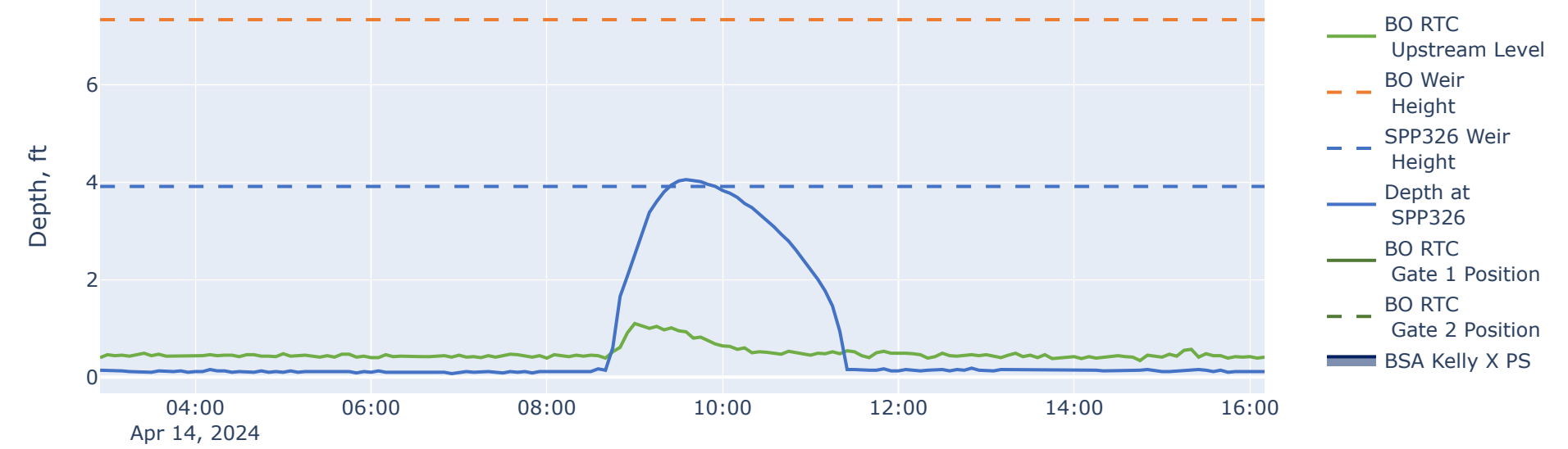
April 14, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/14/2024 02:55
Event End Date/Time	04/14/2024 16:10
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.01
Percent Captured (%)	43
Unused Storage Volume (MG)	0.549
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.013
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.013
Overflow Duration (hr)	0.5

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.61
Site Return to Normal Depth (ft)	N/A	0.6
Time Activated	N/A	04/14/2024 08:50
Time Returned to Normal	N/A	04/14/2024 10:15

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.1
Volume Stored (MG)	0.01
Unused Storage Volume (MG)	0.549
RTC Depth at Overflow Start (ft)	1.01
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



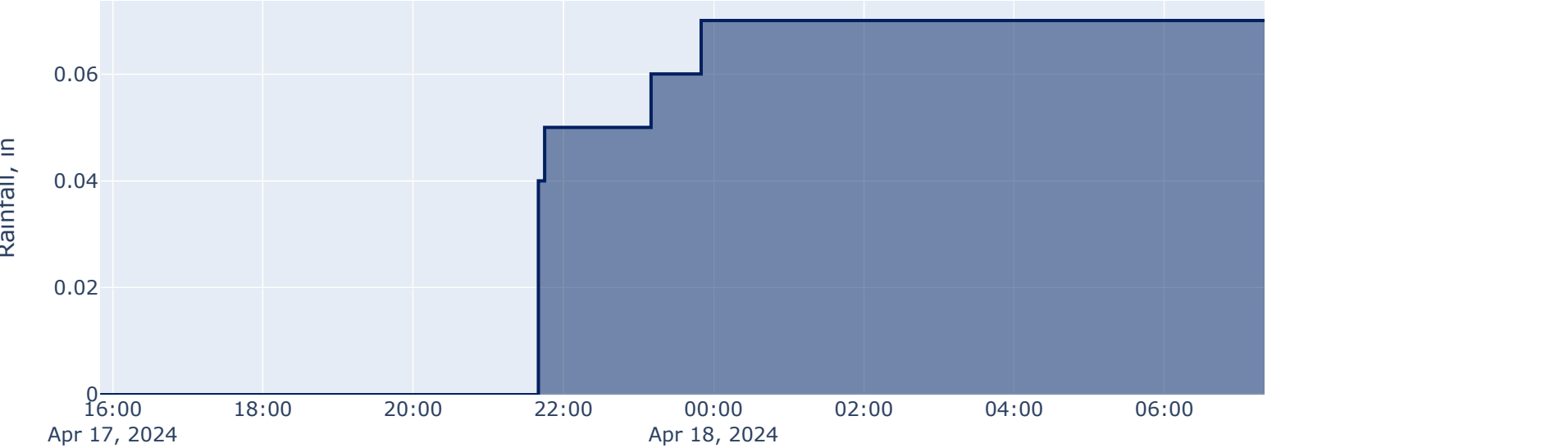
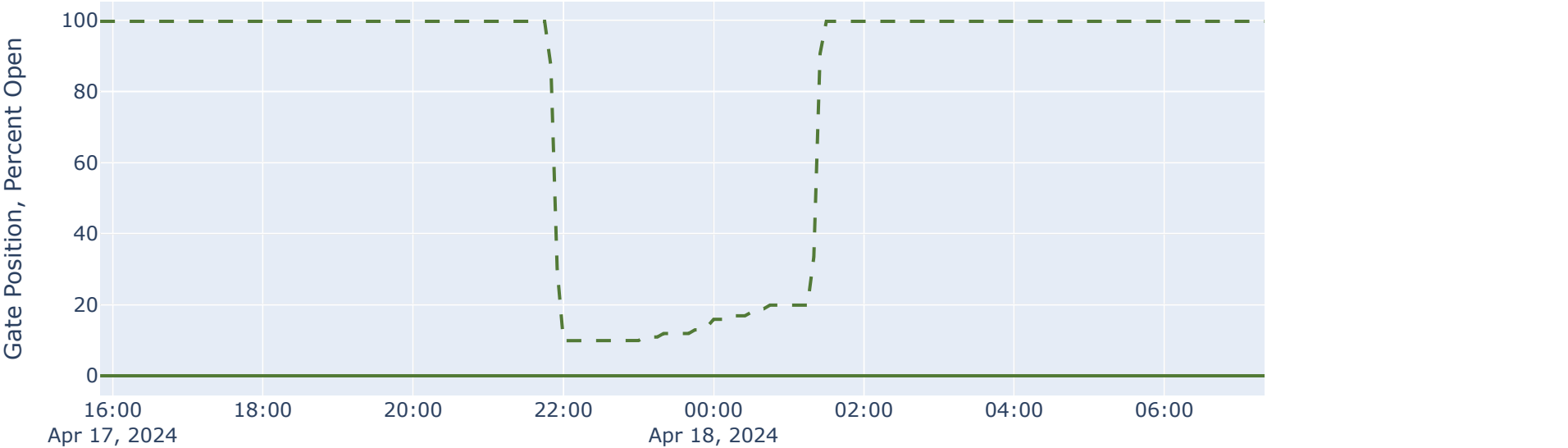
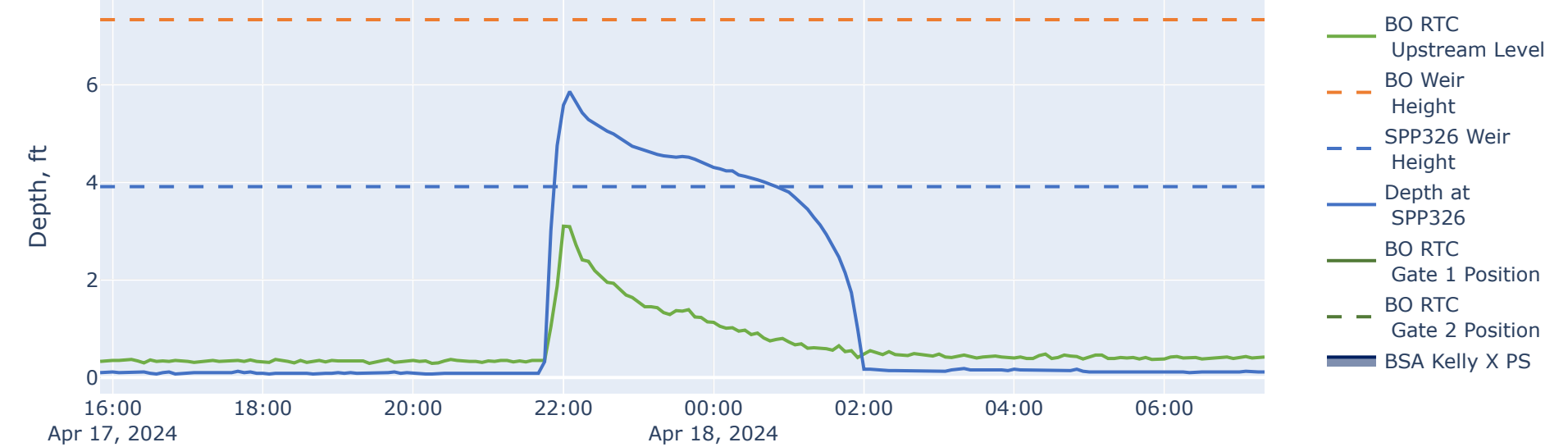
April 17, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/17/2024 15:50
Event End Date/Time	04/18/2024 07:20
Total Rainfall Accumulation (in)	0.07
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	2.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.106
Percent Captured (%)	5
Unused Storage Volume (MG)	0.457
Overflow Before Storage Full	Yes
Storage Utilization (%)	19
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.903
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.903
Overflow Duration (hr)	2.92

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.35
Site Return to Normal Depth (ft)	N/A	0.59
Time Activated	N/A	04/17/2024 21:45
Time Returned to Normal	N/A	04/18/2024 01:30

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.1
Volume Stored (MG)	0.106
Unused Storage Volume (MG)	0.457
RTC Depth at Overflow Start (ft)	1.87
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



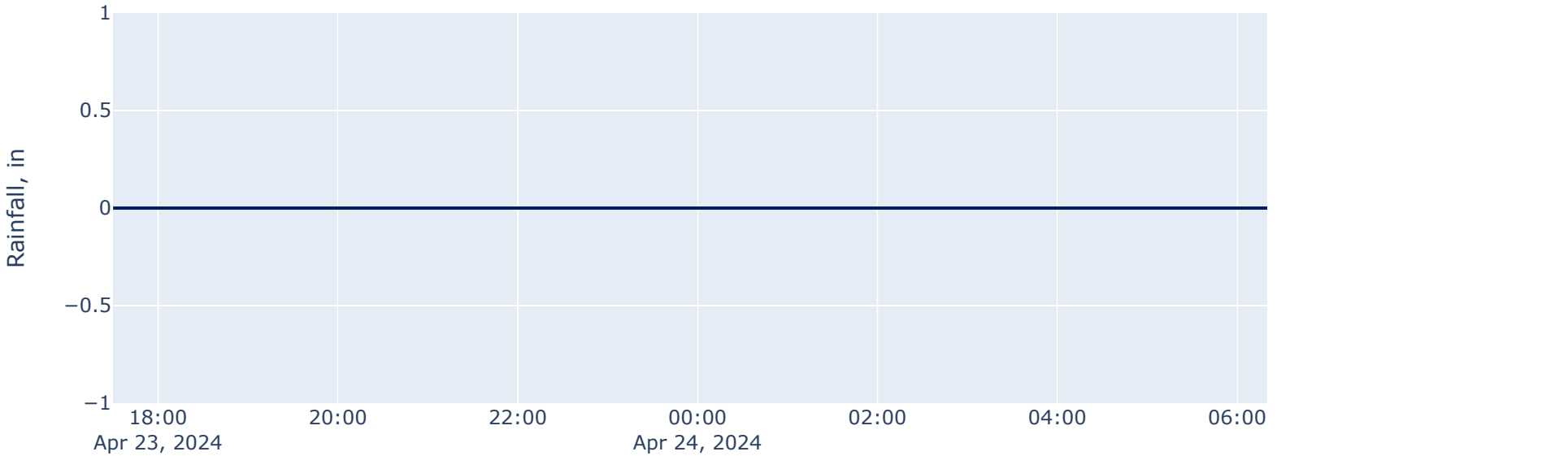
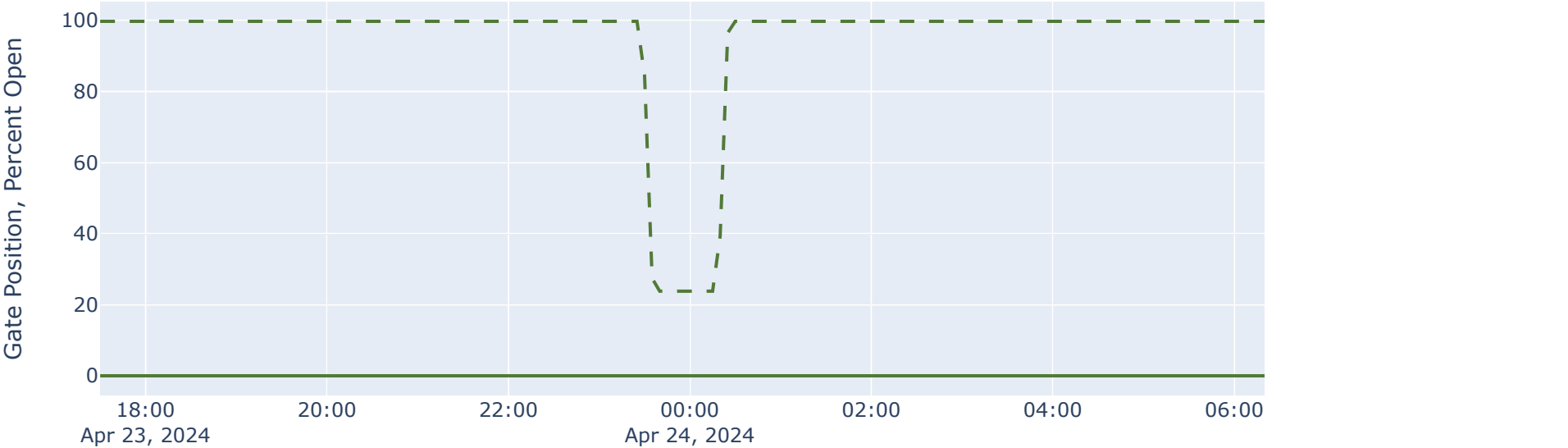
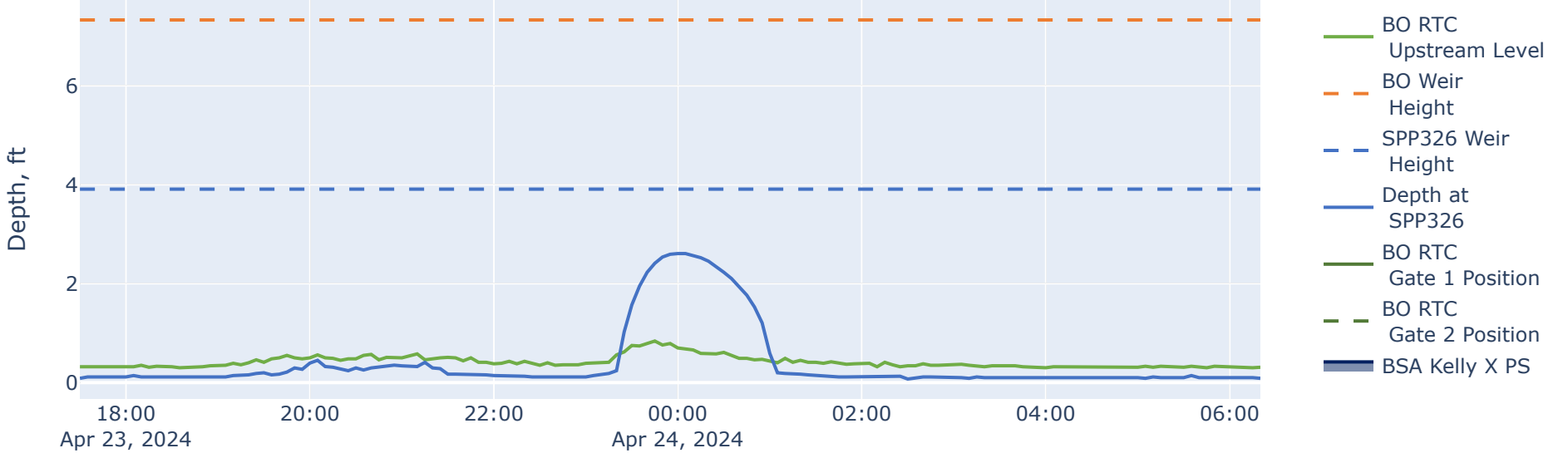
April 23, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/23/2024 17:30
Event End Date/Time	04/24/2024 06:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.004
Percent Captured (%)	100
Unused Storage Volume (MG)	0.555
Overflow Before Storage Full	No
Storage Utilization (%)	1
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.62
Site Return to Normal Depth (ft)	N/A	0.61
Time Activated	N/A	04/23/2024 23:25
Time Returned to Normal	N/A	04/24/2024 00:30

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.84
Volume Stored (MG)	0.004
Unused Storage Volume (MG)	0.555
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



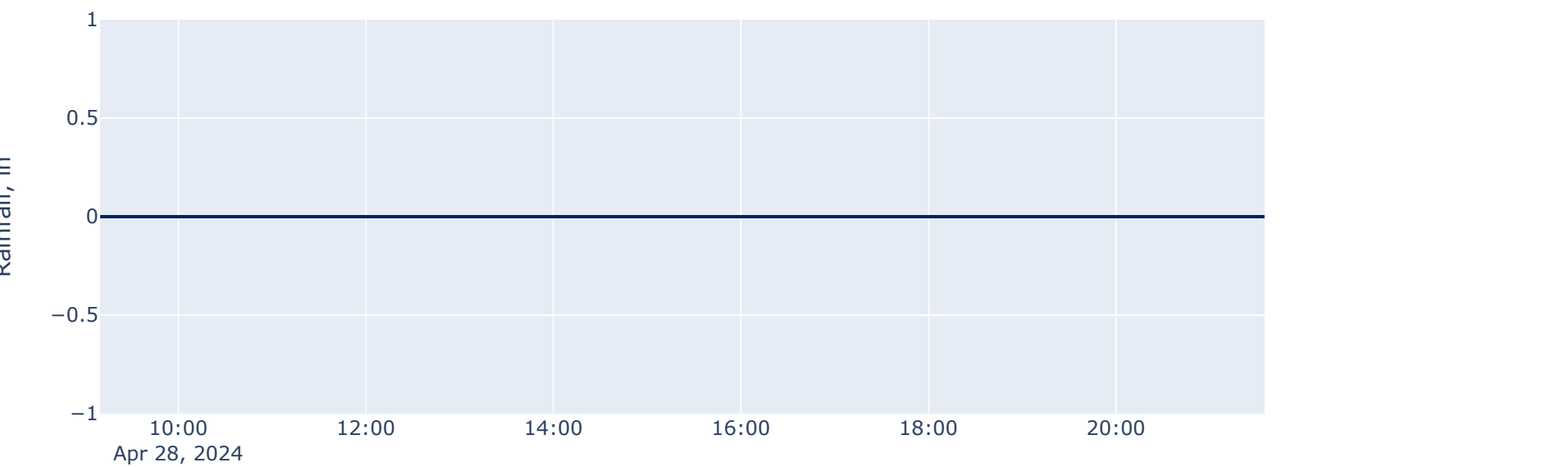
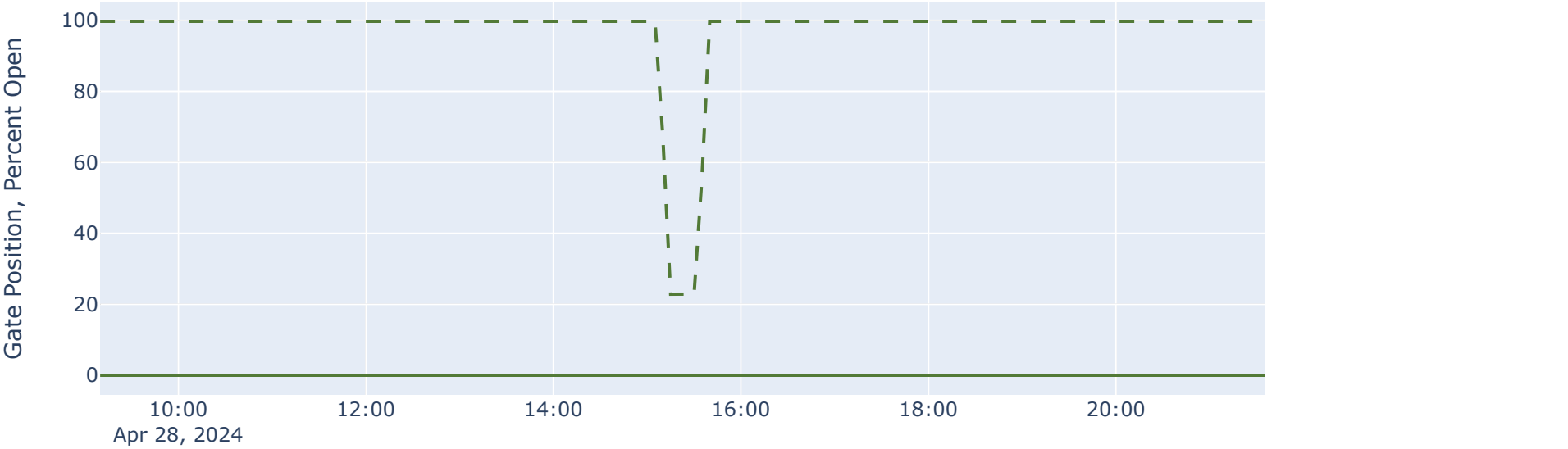
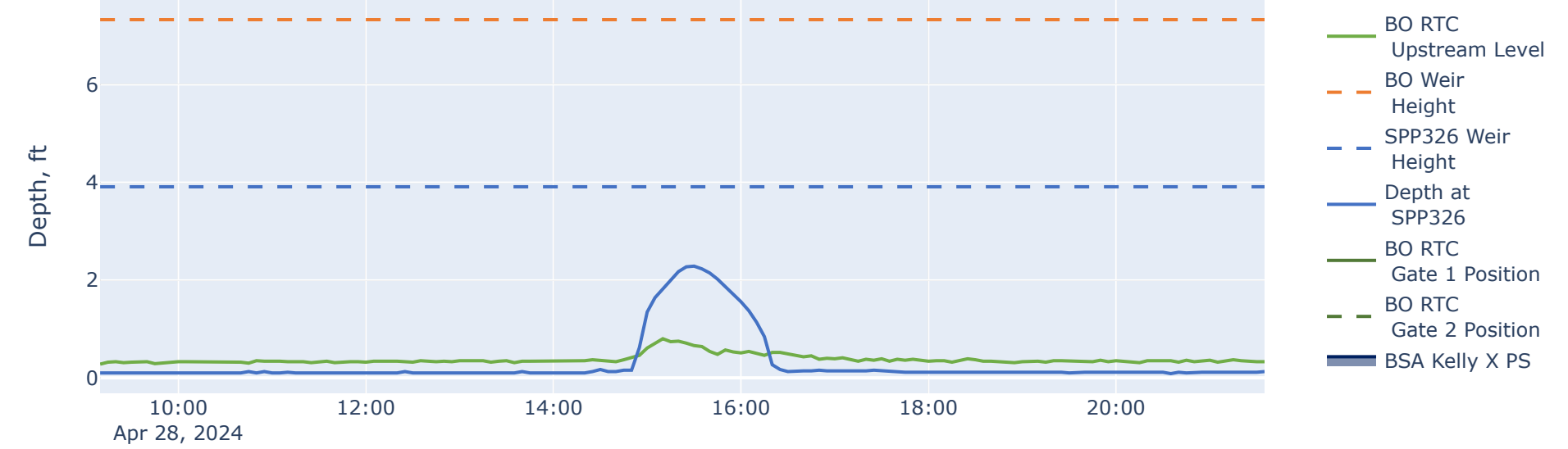
April 28, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	04/28/2024 09:10
Event End Date/Time	04/28/2024 21:35
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

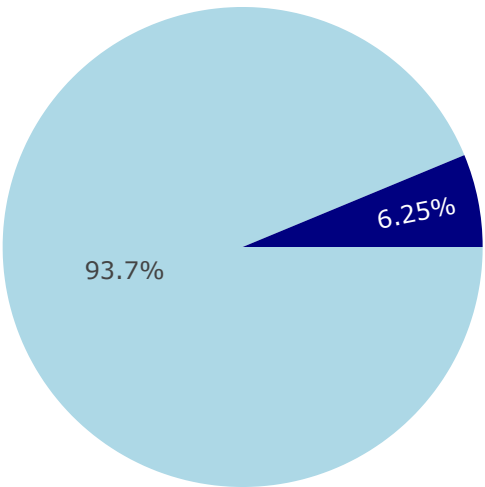
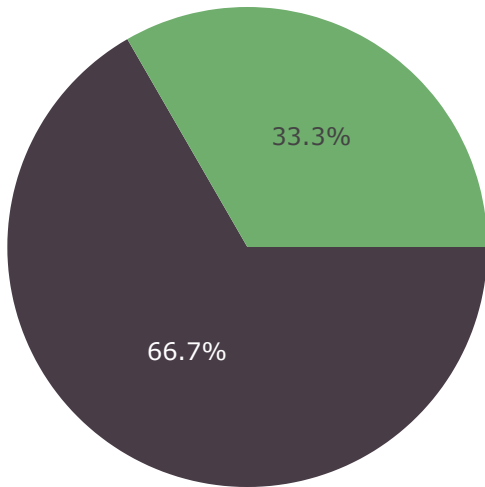
Overflow Data	Value
Overflow Volume Prevented (MG)	0.002
Percent Captured (%)	100
Unused Storage Volume (MG)	0.556
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.7
Site Return to Normal Depth (ft)	N/A	0.54
Time Activated	N/A	04/28/2024 15:05
Time Returned to Normal	N/A	04/28/2024 15:40

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.8
Volume Stored (MG)	0.002
Unused Storage Volume (MG)	0.556
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



May2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
3	6	0.351	5.262	1.37

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 03, 2024	0.0	0.0	0.0	0	0.563	0	Good
May 05, 2024	0.0	0.0	0.005	100	0.554	1	Good
May 07, 2024	0.0	1.249	0.148	11	0.415	26	Good
May 11, 2024	0.0	0.431	0.034	7	0.523	6	Good
May 14, 2024	0.0	0.0	0.01	100	0.547	2	Good
May 17, 2024	0.0	1.254	0.045	3	0.516	8	Good
May 22, 2024	0.21	0.0	0.011	100	0.549	2	Good
May 25, 2024	0.18	0.185	0.026	12	0.532	5	Good
May 27, 2024	0.17	0.115	0.017	13	0.541	3	Good
May 28, 2024	0.76	2.028	0.055	3	0.507	10	Good

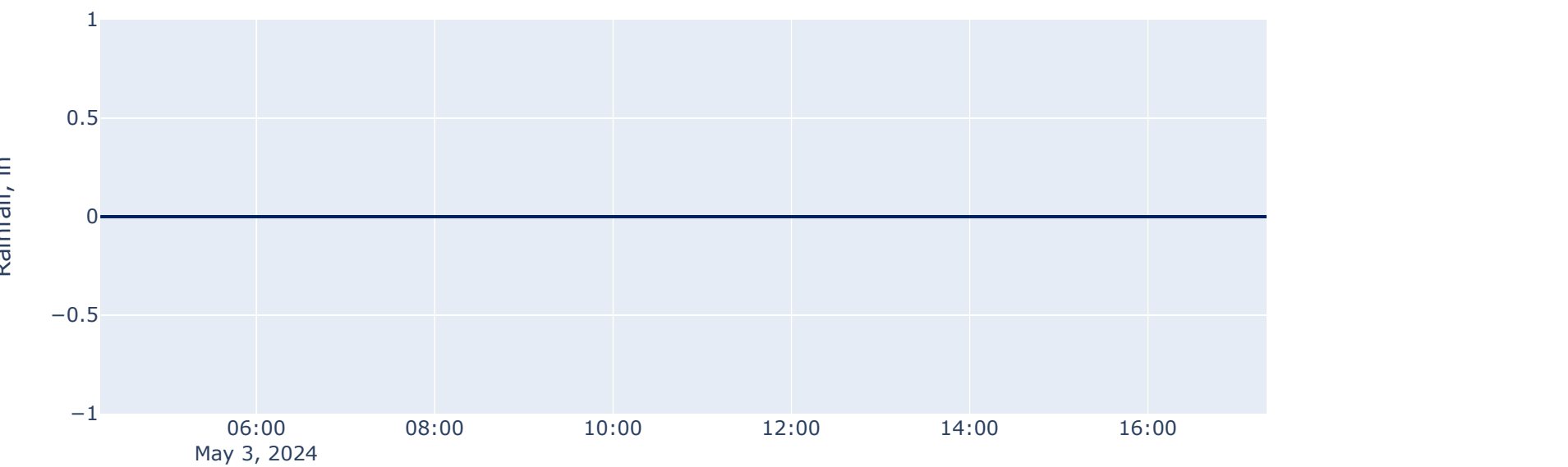
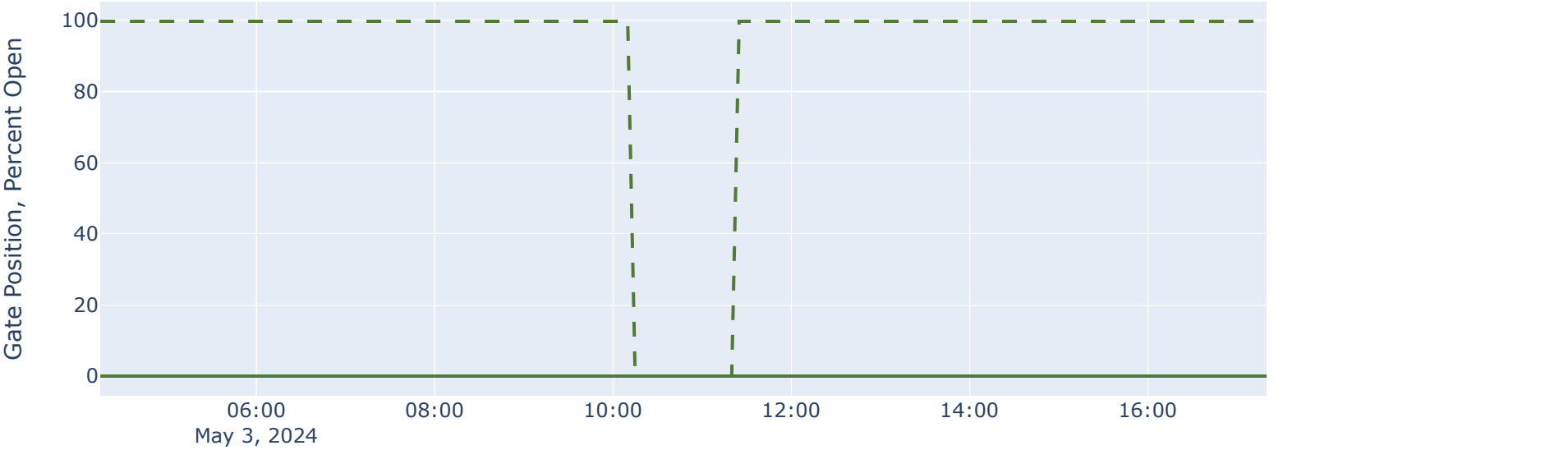
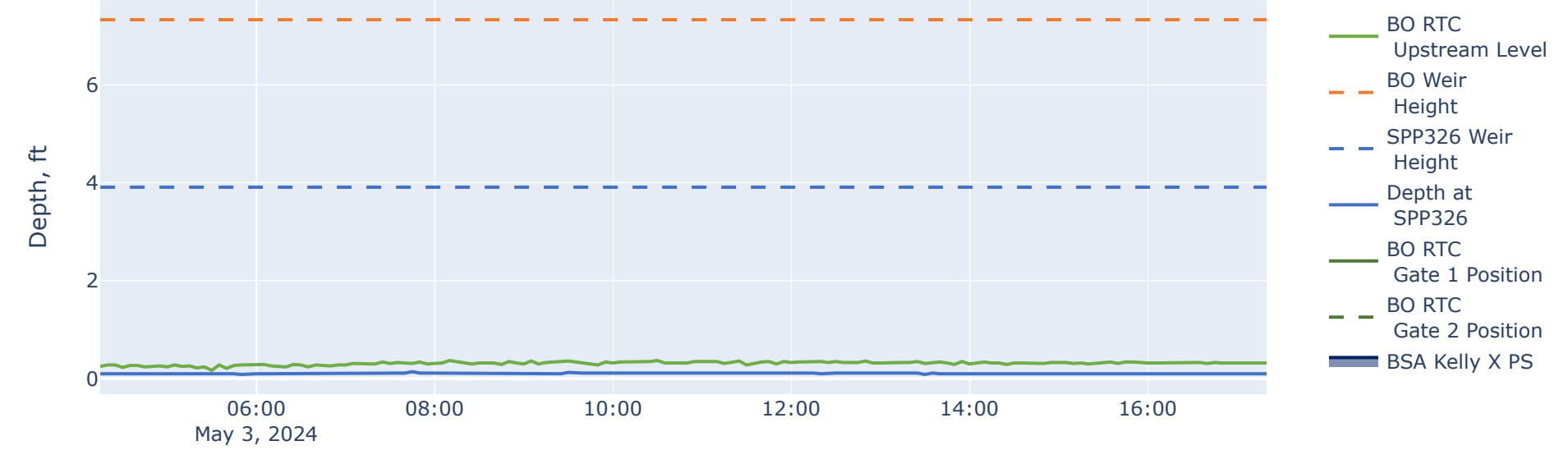
May 03, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/03/2024 04:15
Event End Date/Time	05/03/2024 17:20
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.0
Percent Captured (%)	0
Unused Storage Volume (MG)	0.563
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.34
Site Return to Normal Depth (ft)	N/A	0.36
Time Activated	N/A	05/03/2024 10:10
Time Returned to Normal	N/A	05/03/2024 11:25

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.37
Volume Stored (MG)	0.0
Unused Storage Volume (MG)	0.563
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



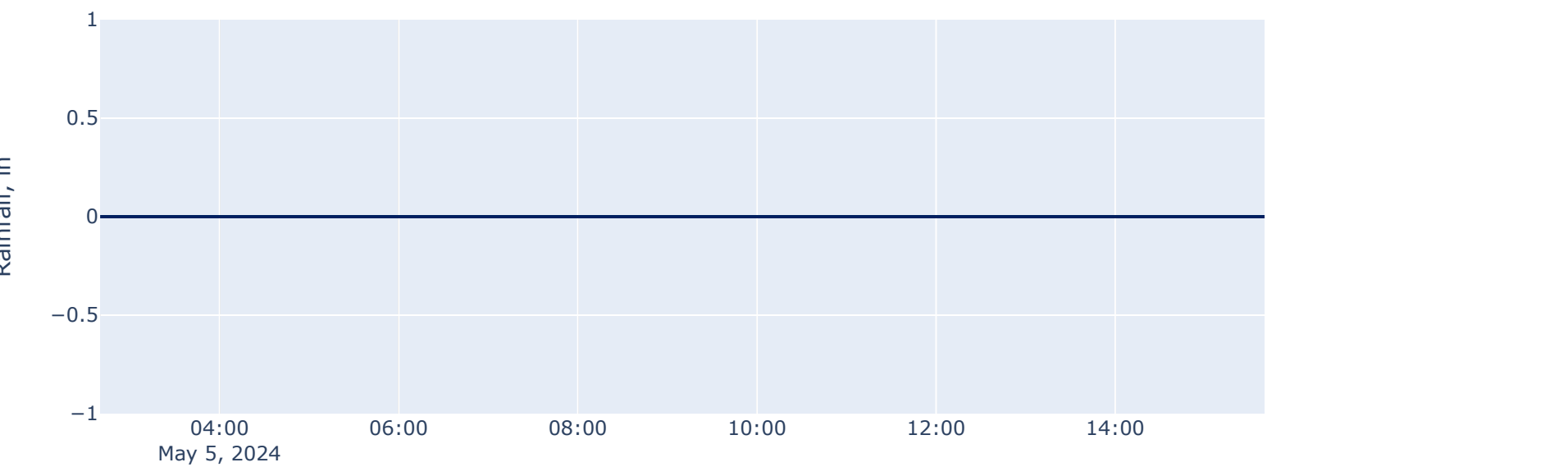
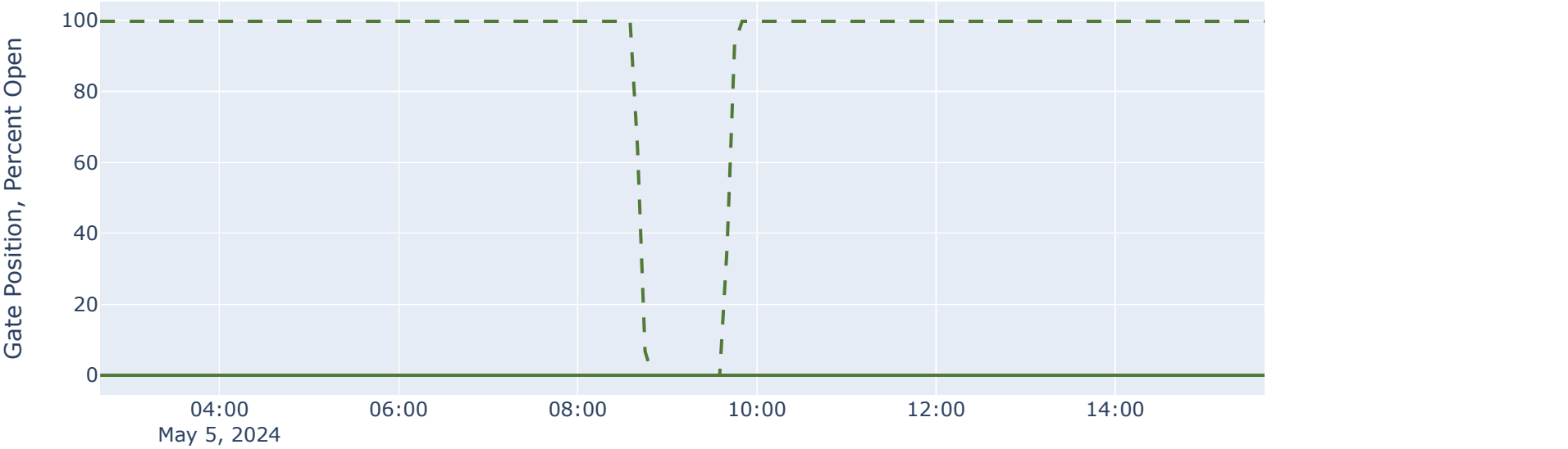
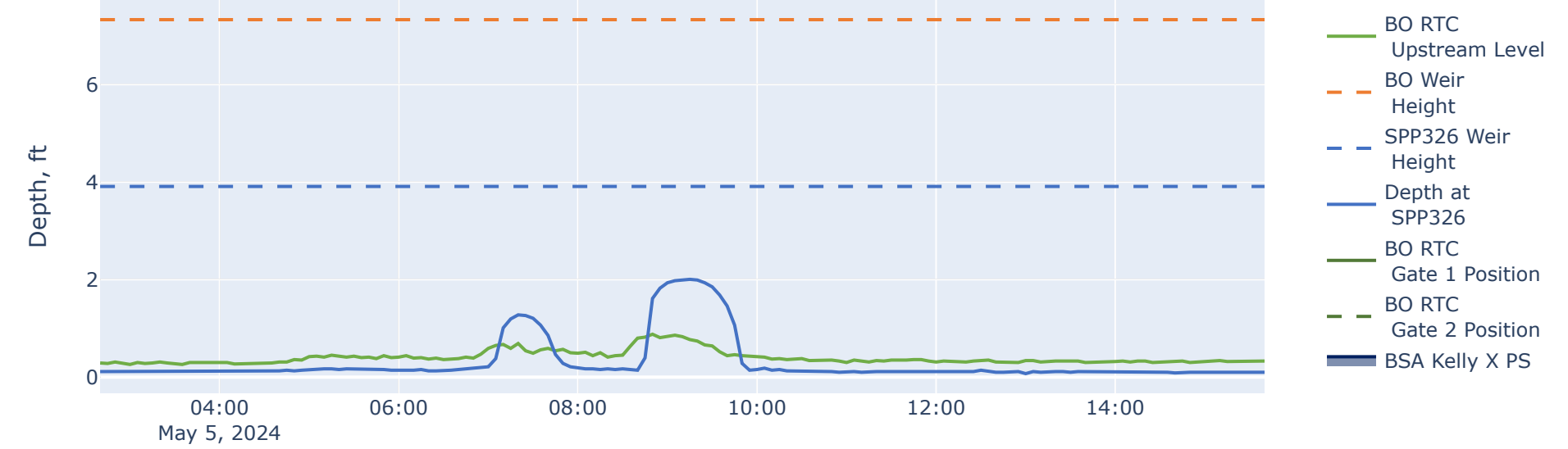
May 05, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/05/2024 02:40
Event End Date/Time	05/05/2024 15:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.005
Percent Captured (%)	100
Unused Storage Volume (MG)	0.554
Overflow Before Storage Full	No
Storage Utilization (%)	1
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.63
Site Return to Normal Depth (ft)	N/A	0.44
Time Activated	N/A	05/05/2024 08:35
Time Returned to Normal	N/A	05/05/2024 09:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	0.88
Volume Stored (MG)	0.005
Unused Storage Volume (MG)	0.554
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



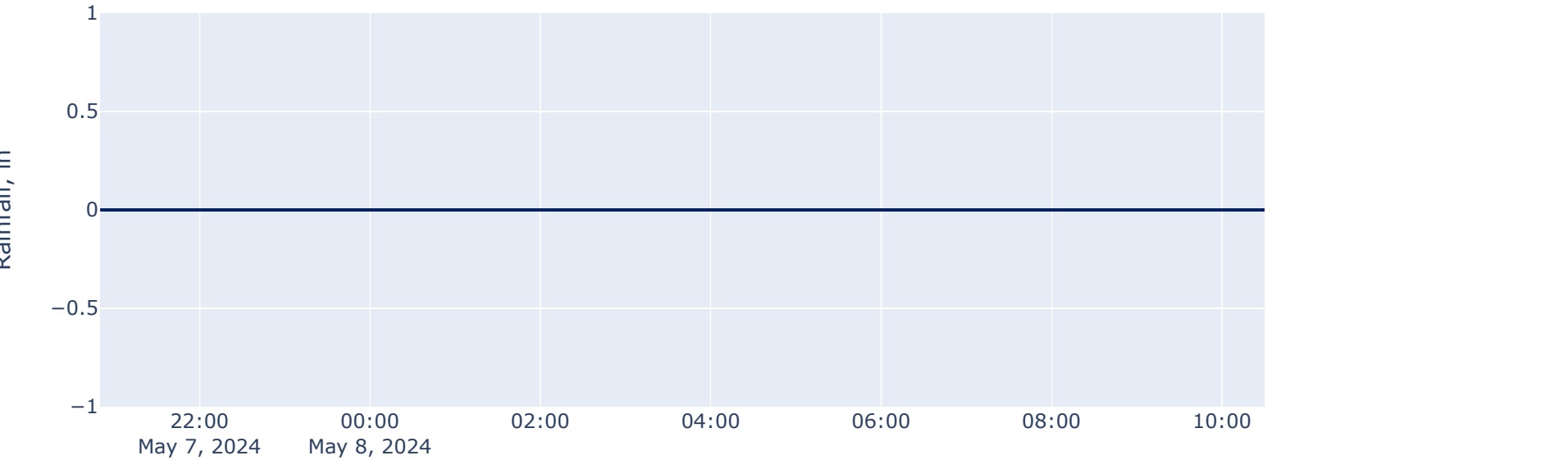
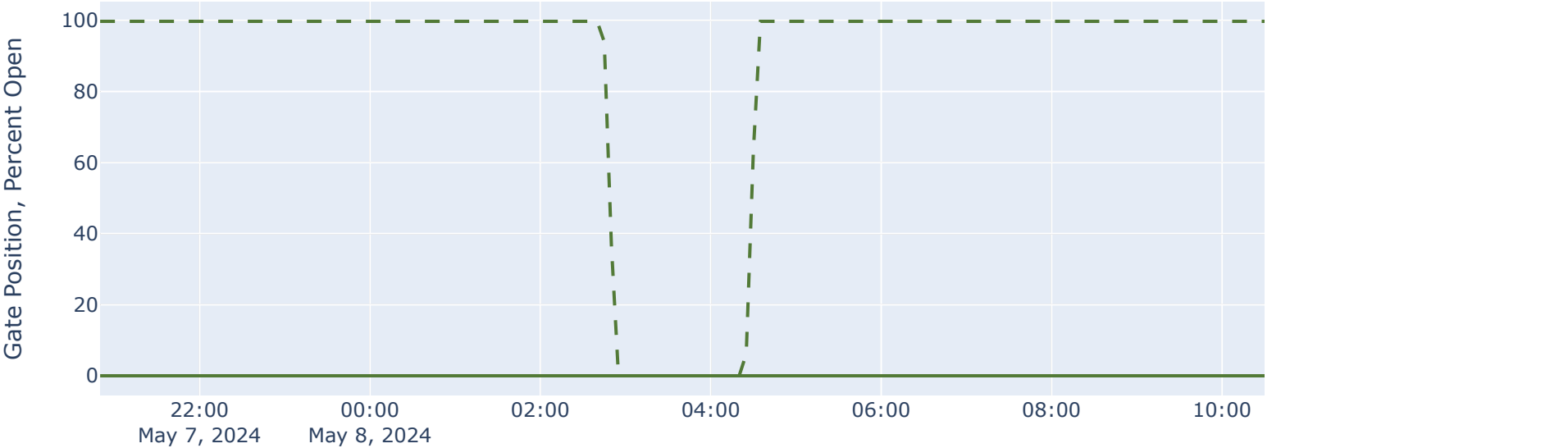
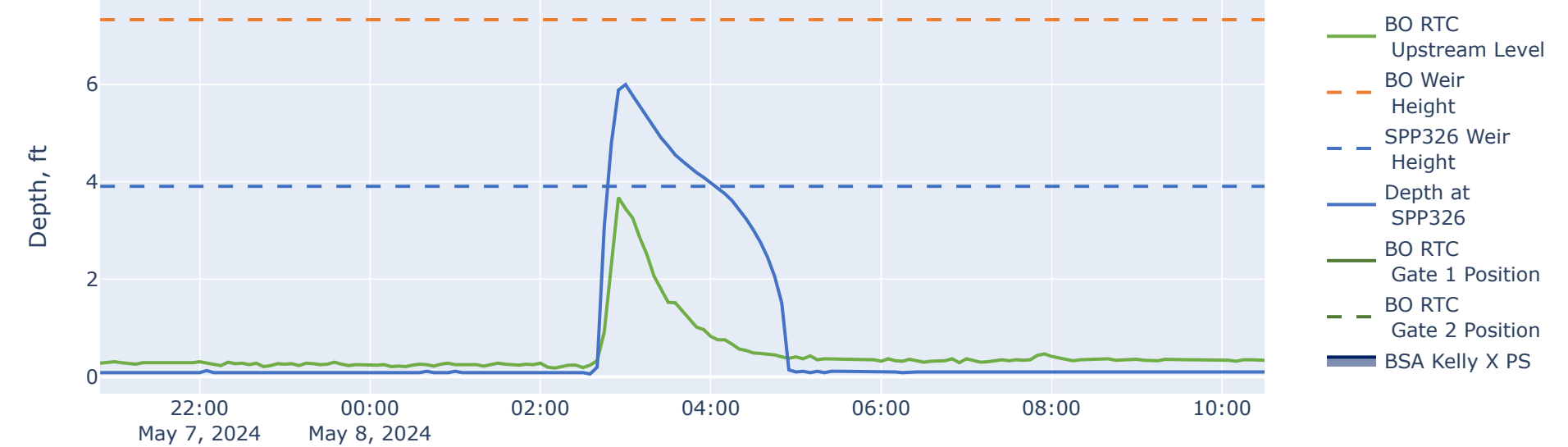
May 07, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/07/2024 20:50
Event End Date/Time	05/08/2024 10:30
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.148
Percent Captured (%)	11
Unused Storage Volume (MG)	0.415
Overflow Before Storage Full	Yes
Storage Utilization (%)	26
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.249
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.249
Overflow Duration (hr)	1.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.33
Site Return to Normal Depth (ft)	N/A	0.48
Time Activated	N/A	05/08/2024 02:40
Time Returned to Normal	N/A	05/08/2024 04:35

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.68
Volume Stored (MG)	0.148
Unused Storage Volume (MG)	0.415
RTC Depth at Overflow Start (ft)	2.32
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



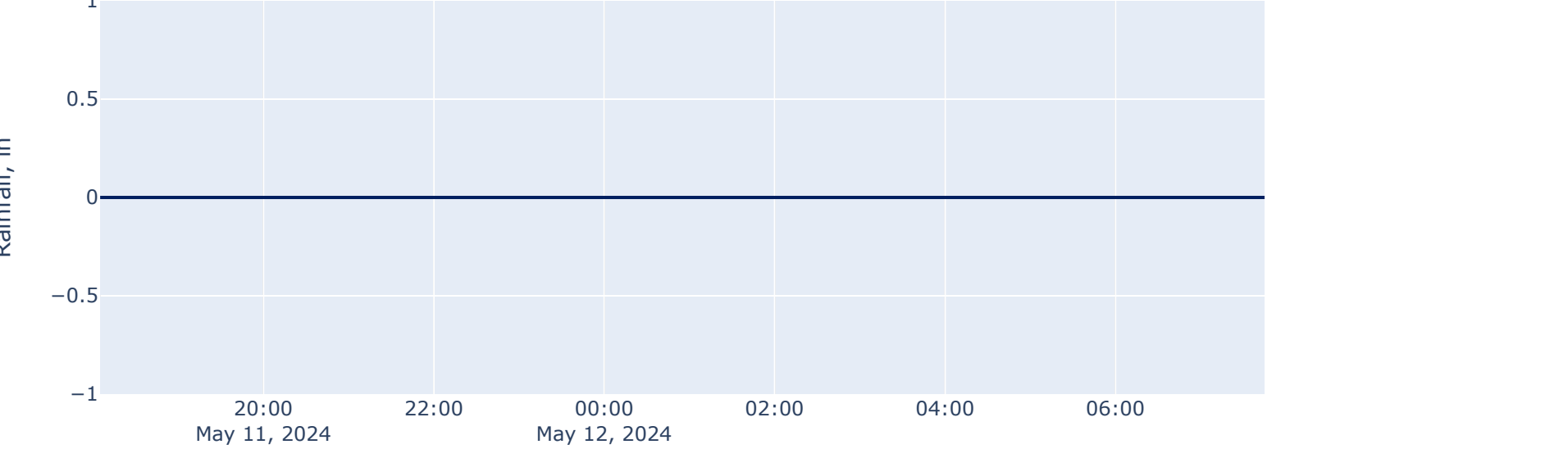
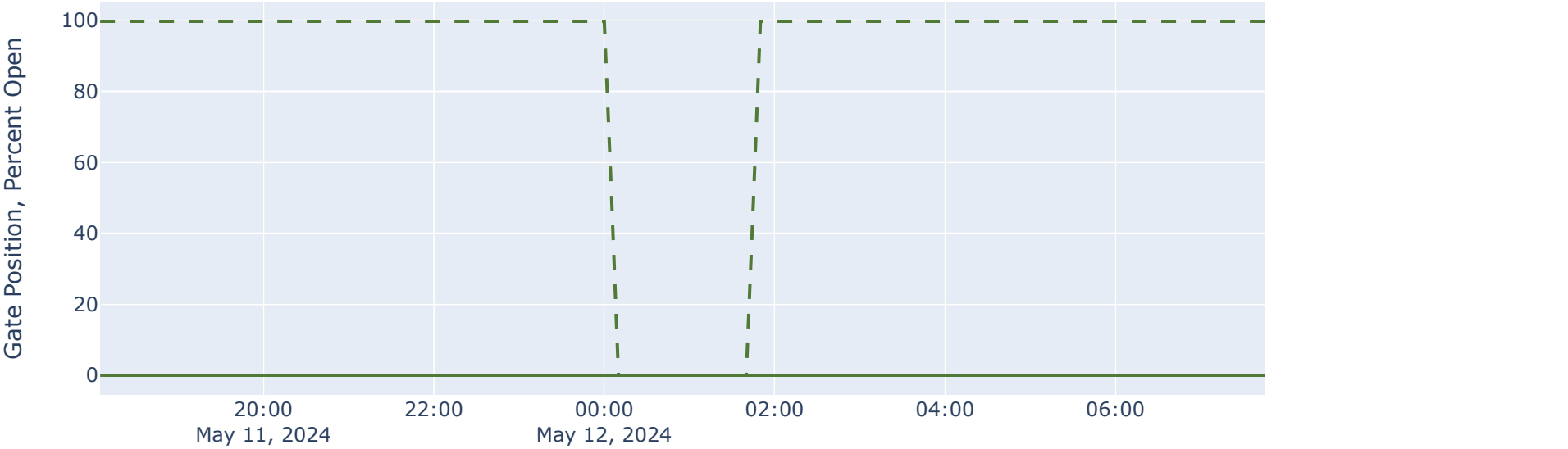
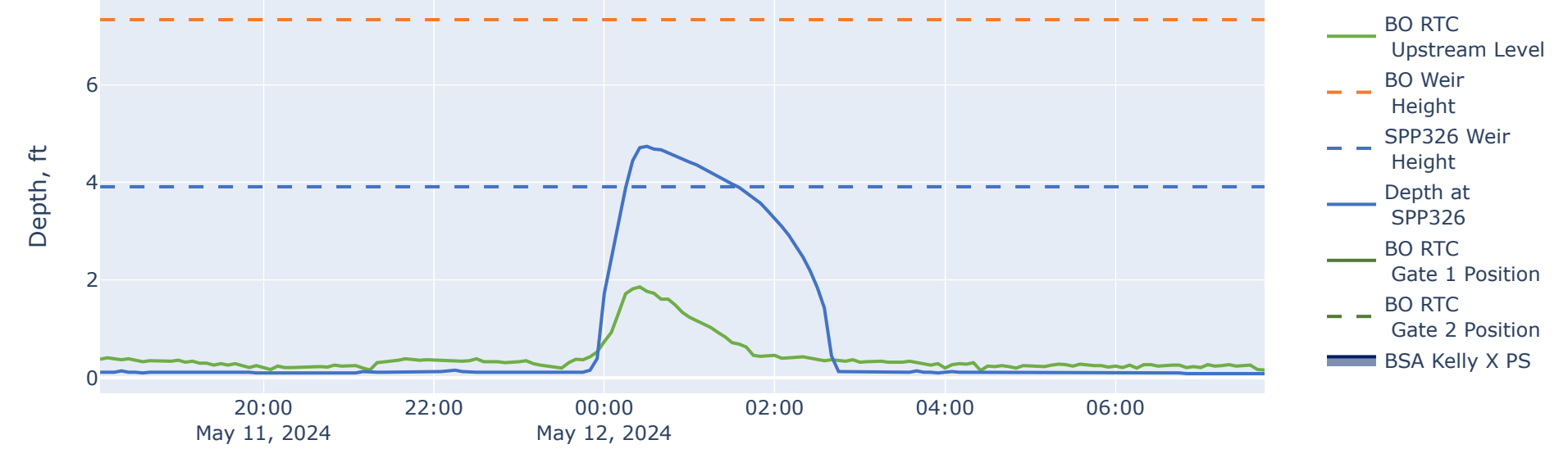
May 11, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/11/2024 18:05
Event End Date/Time	05/12/2024 07:45
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.034
Percent Captured (%)	7
Unused Storage Volume (MG)	0.523
Overflow Before Storage Full	Yes
Storage Utilization (%)	6
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.431
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.431
Overflow Duration (hr)	1.17

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.74
Site Return to Normal Depth (ft)	N/A	0.44
Time Activated	N/A	05/12/2024 00:00
Time Returned to Normal	N/A	05/12/2024 01:50

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.86
Volume Stored (MG)	0.034
Unused Storage Volume (MG)	0.523
RTC Depth at Overflow Start (ft)	1.82
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



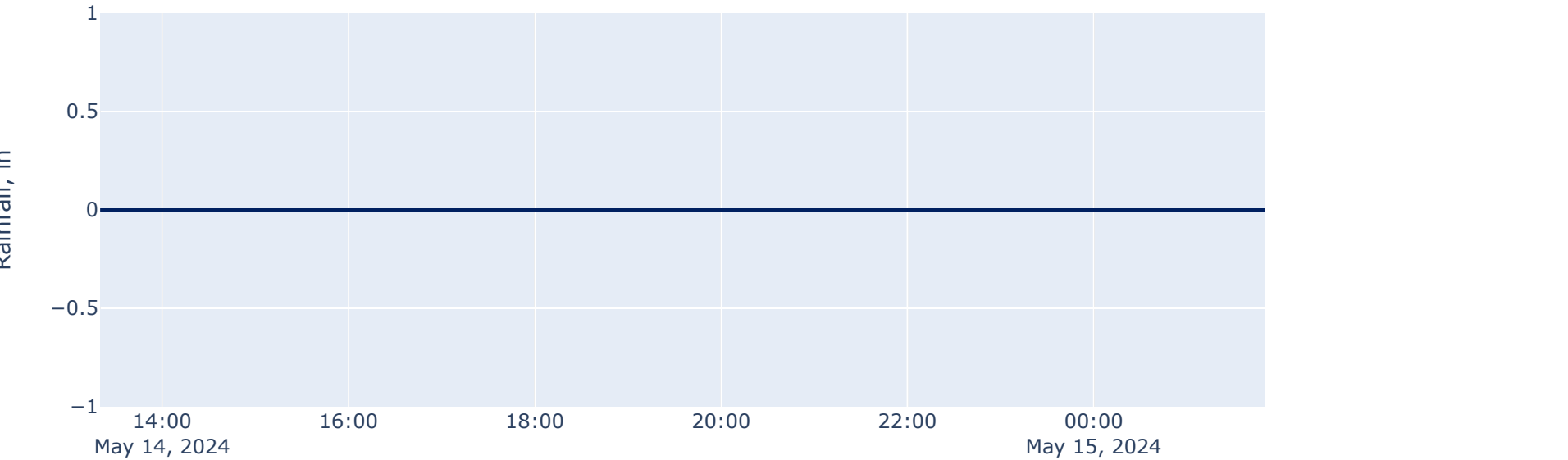
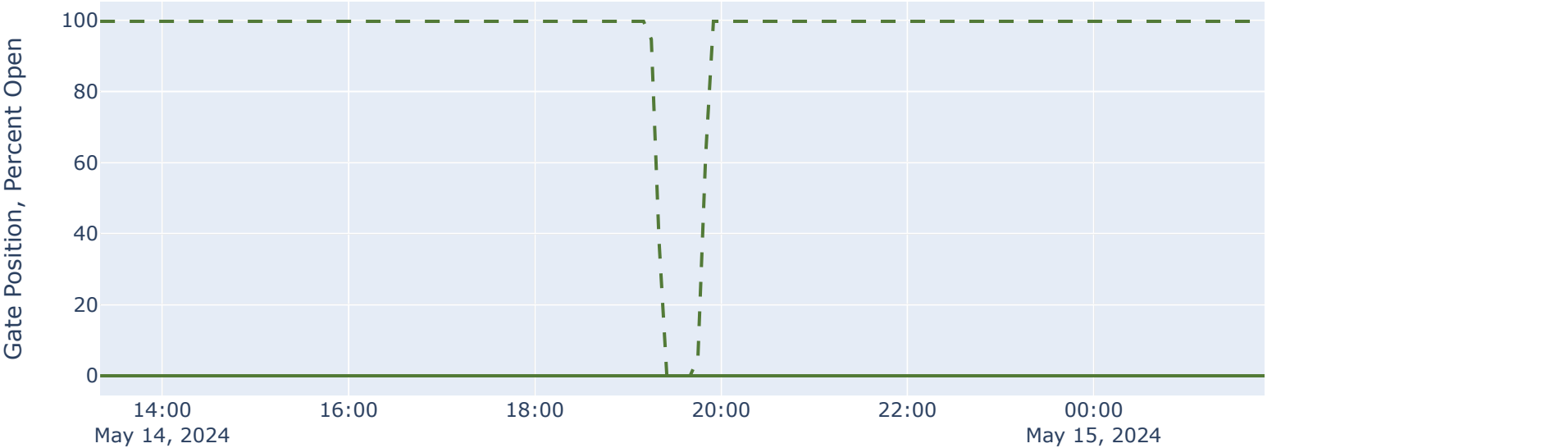
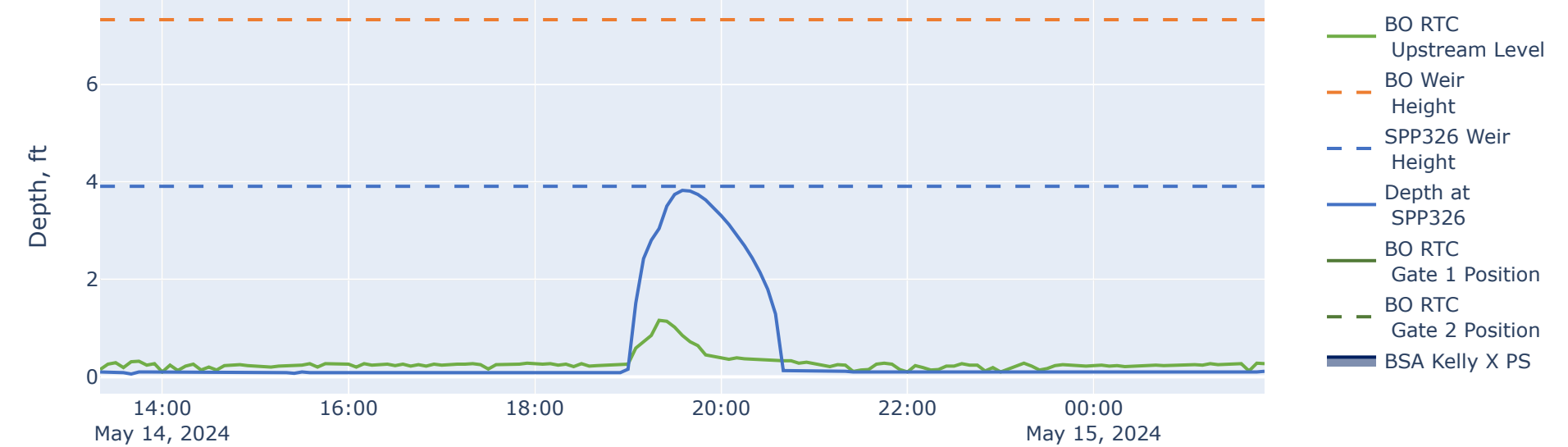
May 14, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/14/2024 13:20
Event End Date/Time	05/15/2024 01:50
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.01
Percent Captured (%)	100
Unused Storage Volume (MG)	0.547
Overflow Before Storage Full	No
Storage Utilization (%)	2
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.72
Site Return to Normal Depth (ft)	N/A	0.41
Time Activated	N/A	05/14/2024 19:10
Time Returned to Normal	N/A	05/14/2024 19:55

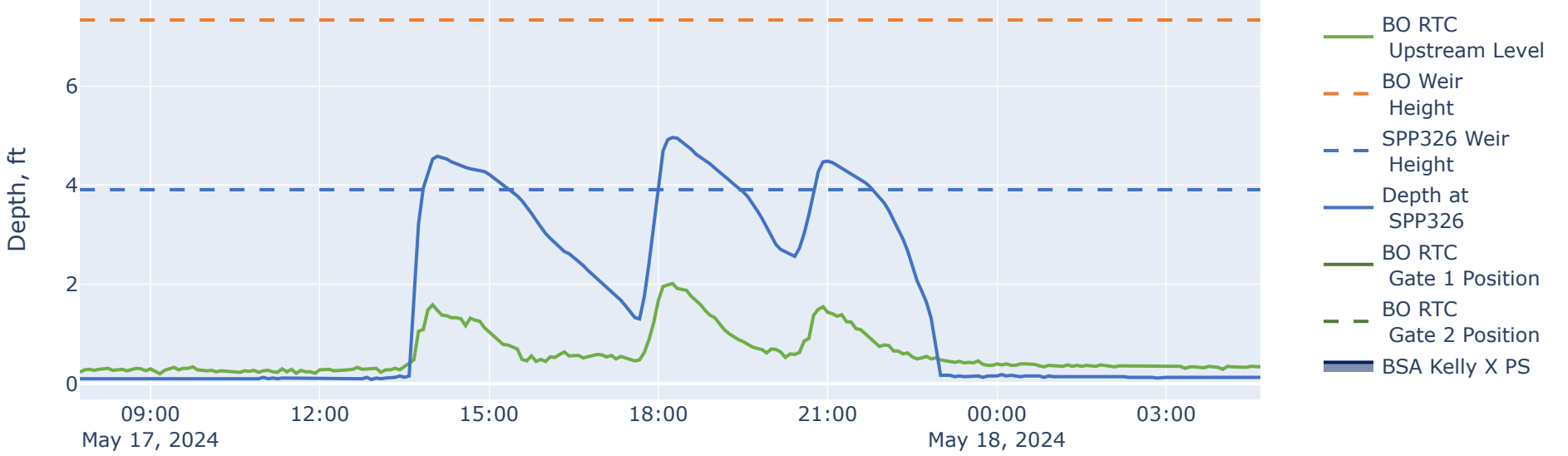
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.16
Volume Stored (MG)	0.01
Unused Storage Volume (MG)	0.547
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



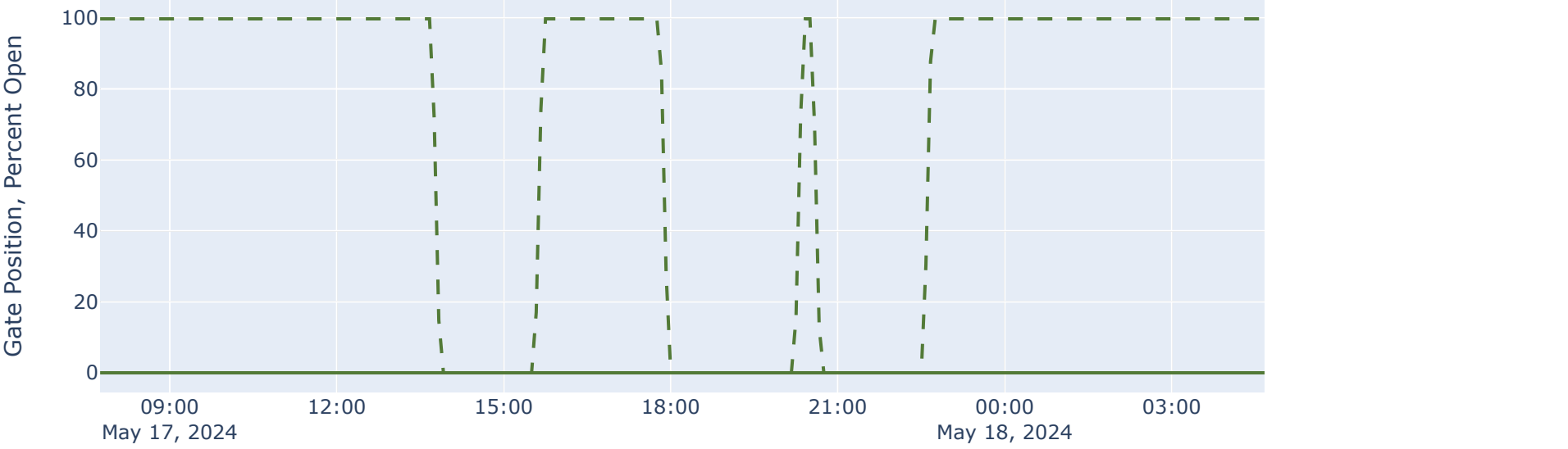
May 17, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/17/2024 07:45
Event End Date/Time	05/18/2024 04:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

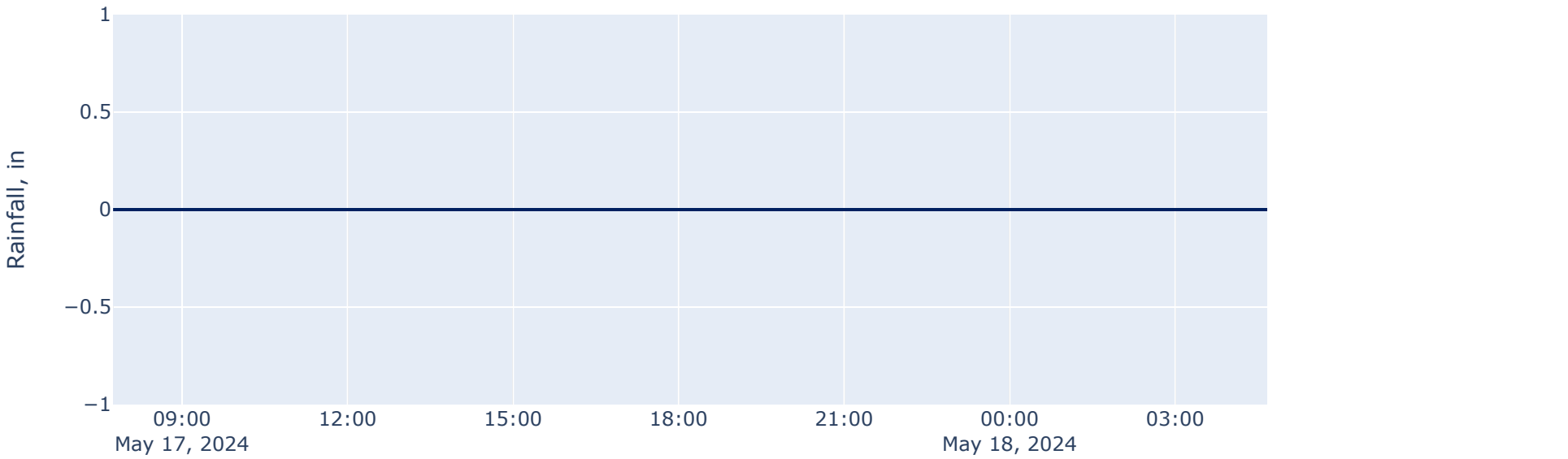
Overflow Data	Value
Overflow Volume Prevented (MG)	0.045
Percent Captured (%)	3
Unused Storage Volume (MG)	0.516
Overflow Before Storage Full	Yes
Storage Utilization (%)	8
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.254
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.254
Overflow Duration (hr)	7.92



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.48
Site Return to Normal Depth (ft)	N/A	0.55
Time Activated	N/A	05/17/2024 13:40
Time Returned to Normal	N/A	05/17/2024 22:45



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.02
Volume Stored (MG)	0.045
Unused Storage Volume (MG)	0.516
RTC Depth at Overflow Start (ft)	1.09
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



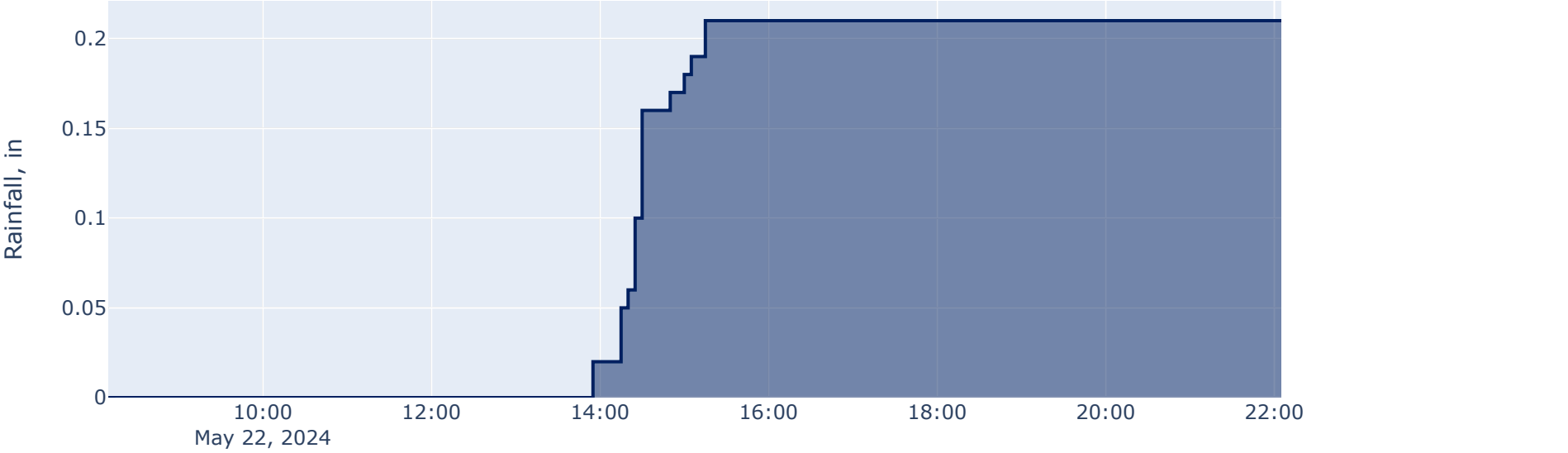
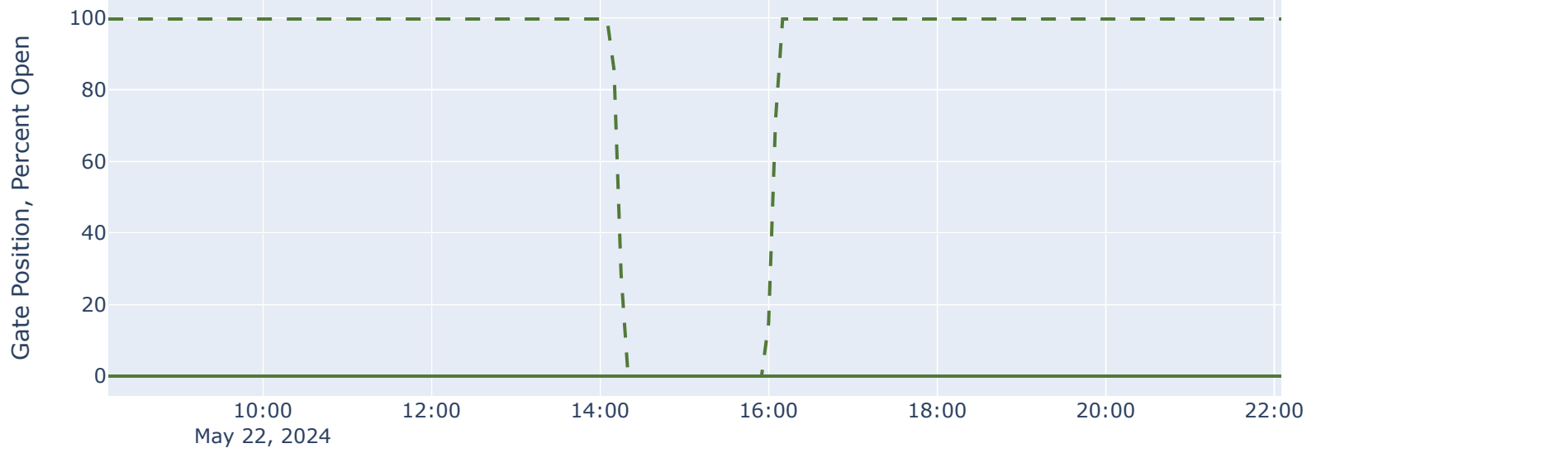
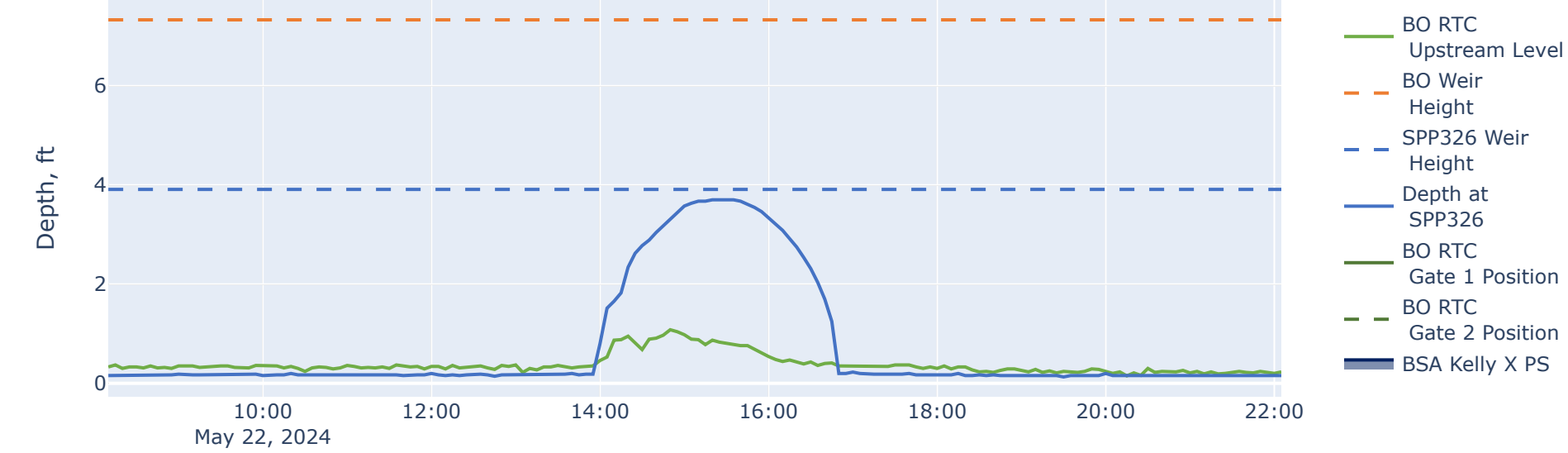
May 22, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/22/2024 08:10
Event End Date/Time	05/22/2024 22:05
Total Rainfall Accumulation (in)	0.21
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	1.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.011
Percent Captured (%)	100
Unused Storage Volume (MG)	0.549
Overflow Before Storage Full	No
Storage Utilization (%)	2
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.53
Site Return to Normal Depth (ft)	N/A	0.44
Time Activated	N/A	05/22/2024 14:05
Time Returned to Normal	N/A	05/22/2024 16:10

RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.08
Volume Stored (MG)	0.011
Unused Storage Volume (MG)	0.549
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



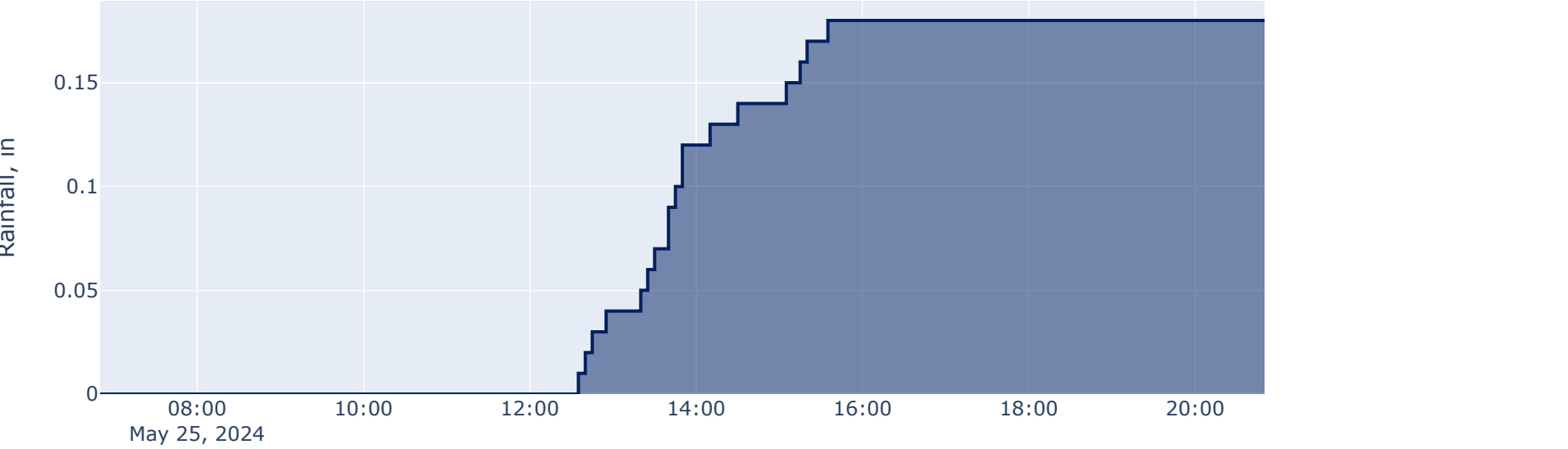
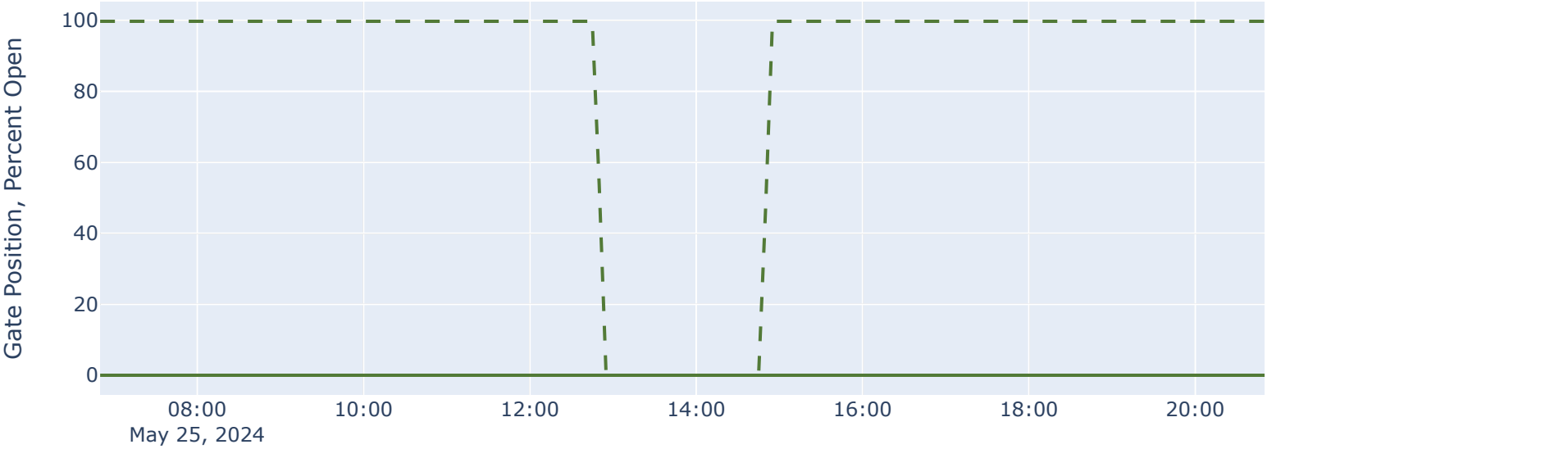
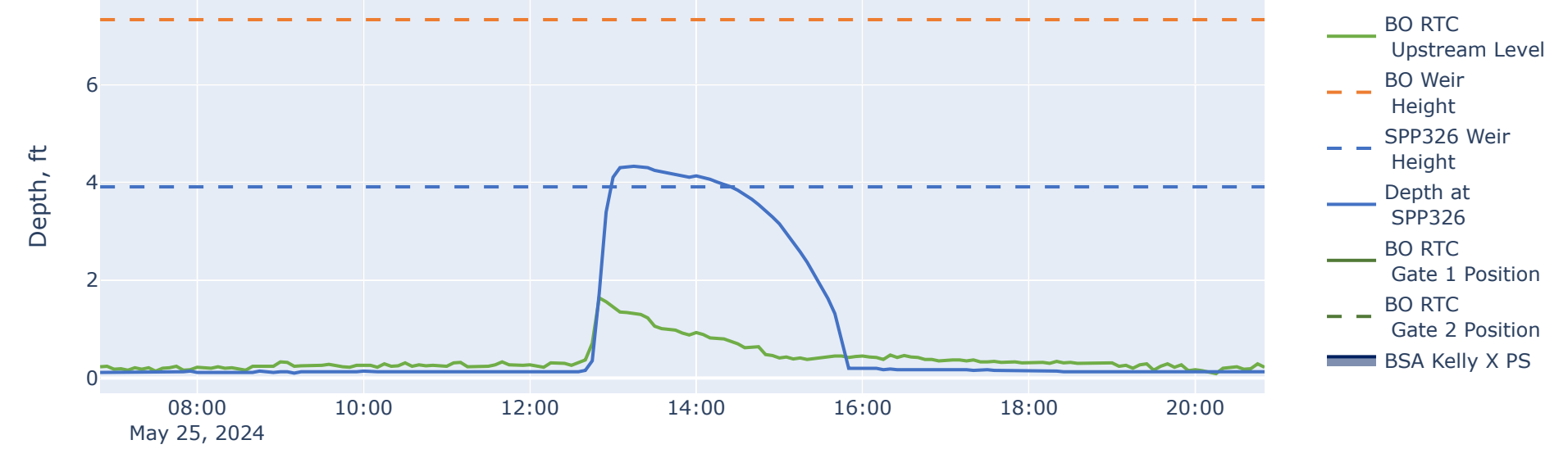
May 25, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/25/2024 06:50
Event End Date/Time	05/25/2024 20:50
Total Rainfall Accumulation (in)	0.18
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	3.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.026
Percent Captured (%)	12
Unused Storage Volume (MG)	0.532
Overflow Before Storage Full	Yes
Storage Utilization (%)	5
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.185
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.185
Overflow Duration (hr)	1.42

RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.71
Site Return to Normal Depth (ft)	N/A	0.46
Time Activated	N/A	05/25/2024 12:45
Time Returned to Normal	N/A	05/25/2024 14:55

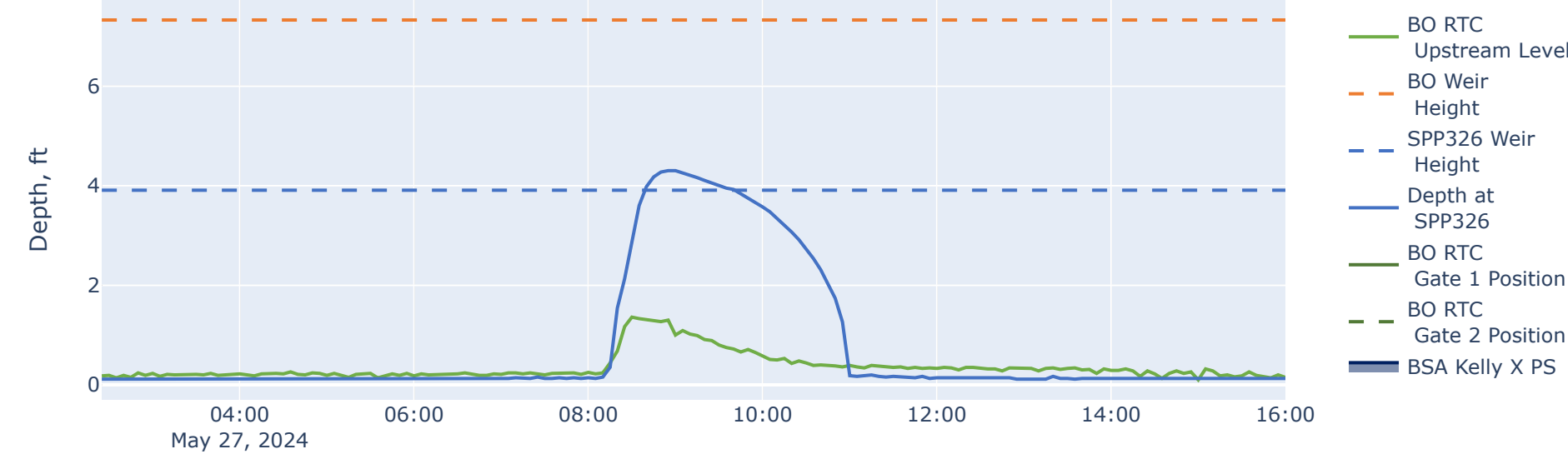
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.64
Volume Stored (MG)	0.026
Unused Storage Volume (MG)	0.532
RTC Depth at Overflow Start (ft)	1.46
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



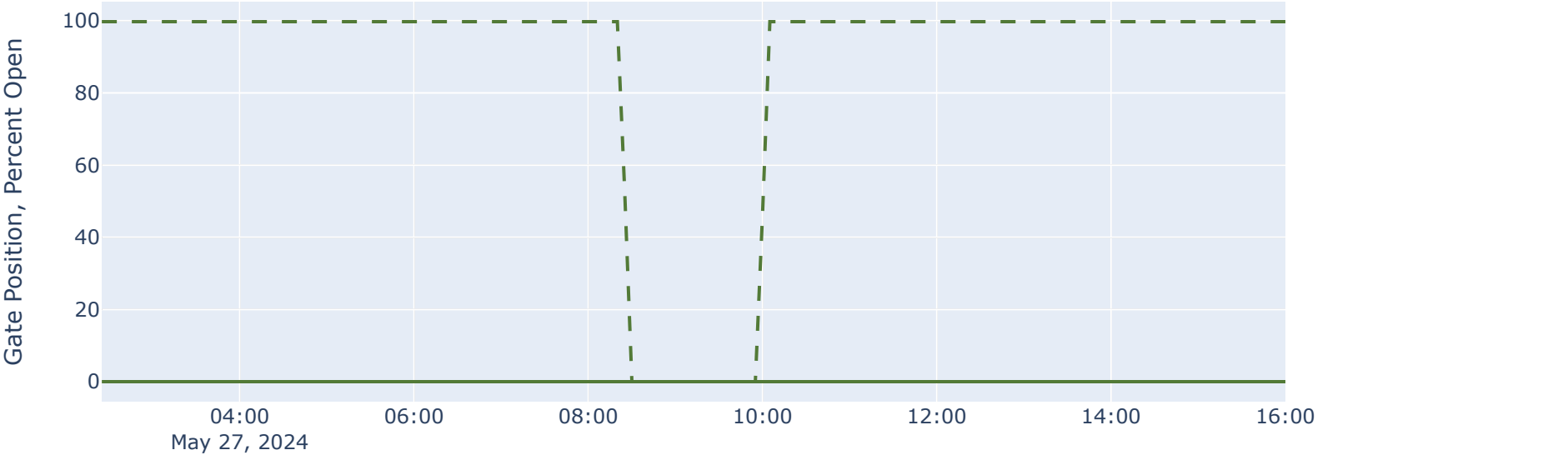
May 27, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/27/2024 02:25
Event End Date/Time	05/27/2024 16:00
Total Rainfall Accumulation (in)	0.17
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	1.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

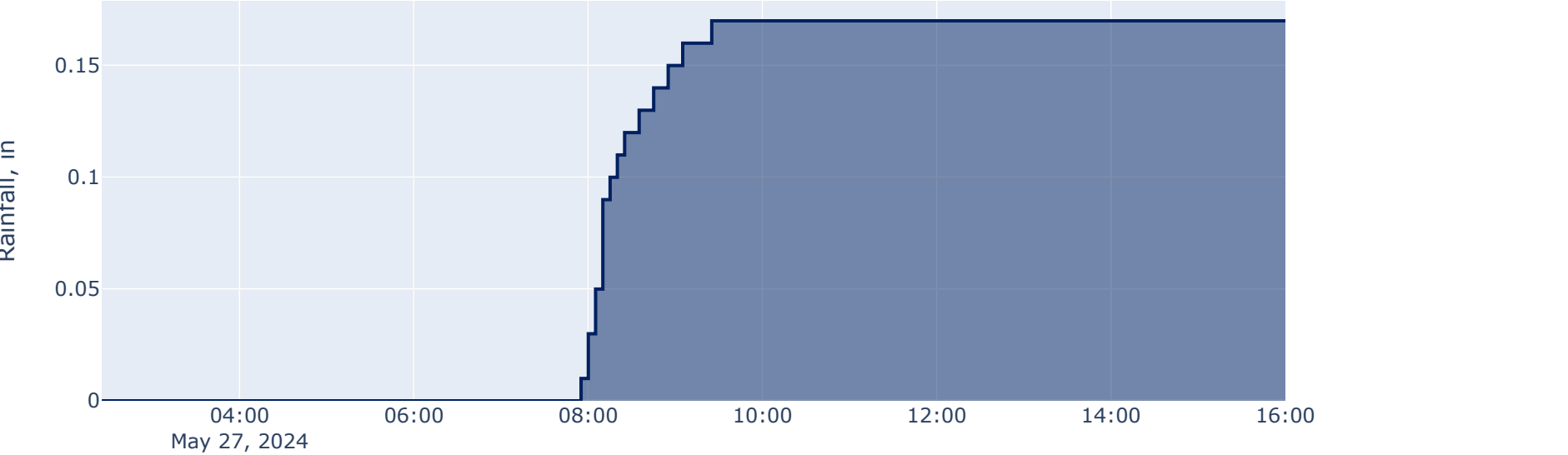
Overflow Data	Value
Overflow Volume Prevented (MG)	0.017
Percent Captured (%)	13
Unused Storage Volume (MG)	0.541
Overflow Before Storage Full	Yes
Storage Utilization (%)	3
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.115
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.115
Overflow Duration (hr)	1.0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.68
Site Return to Normal Depth (ft)	N/A	0.51
Time Activated	N/A	05/27/2024 08:20
Time Returned to Normal	N/A	05/27/2024 10:05



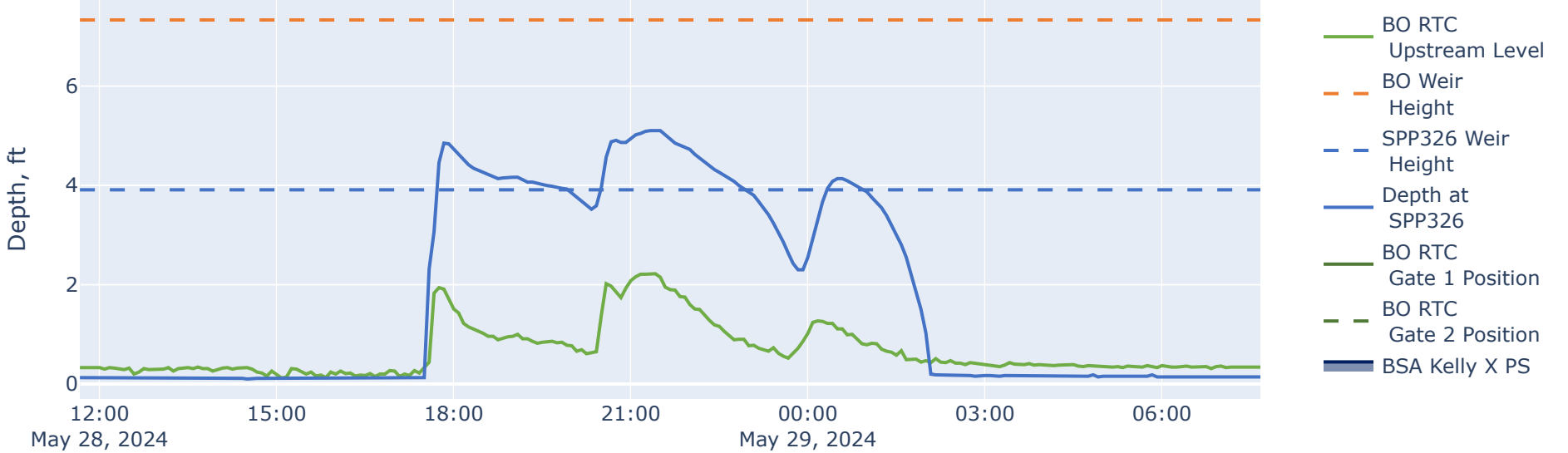
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.36
Volume Stored (MG)	0.017
Unused Storage Volume (MG)	0.541
RTC Depth at Overflow Start (ft)	1.31
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



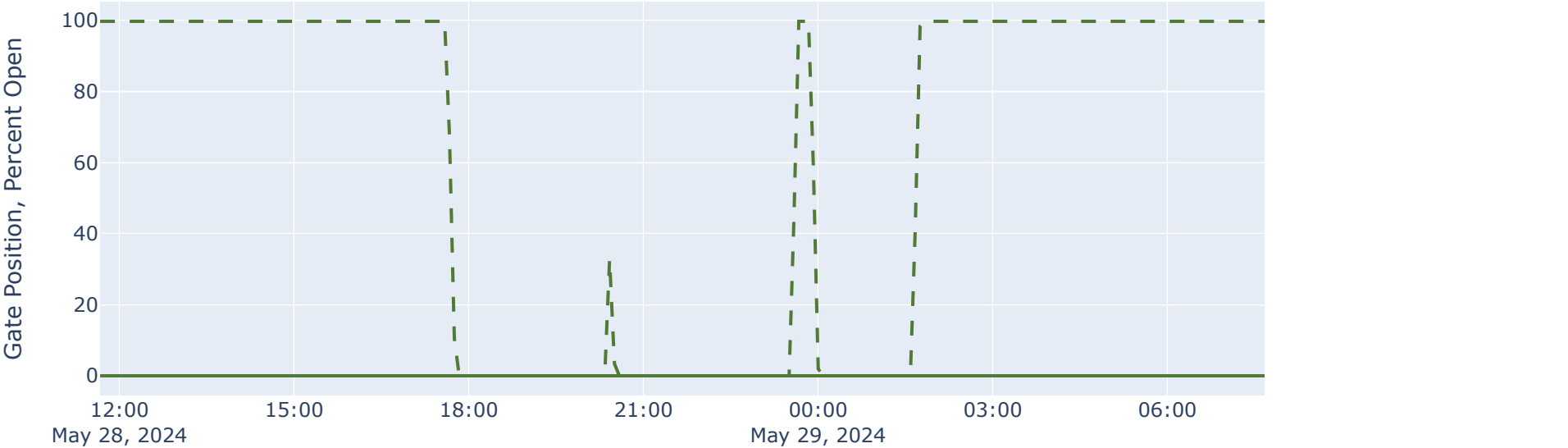
May 28, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	05/28/2024 11:40
Event End Date/Time	05/29/2024 07:40
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	7.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

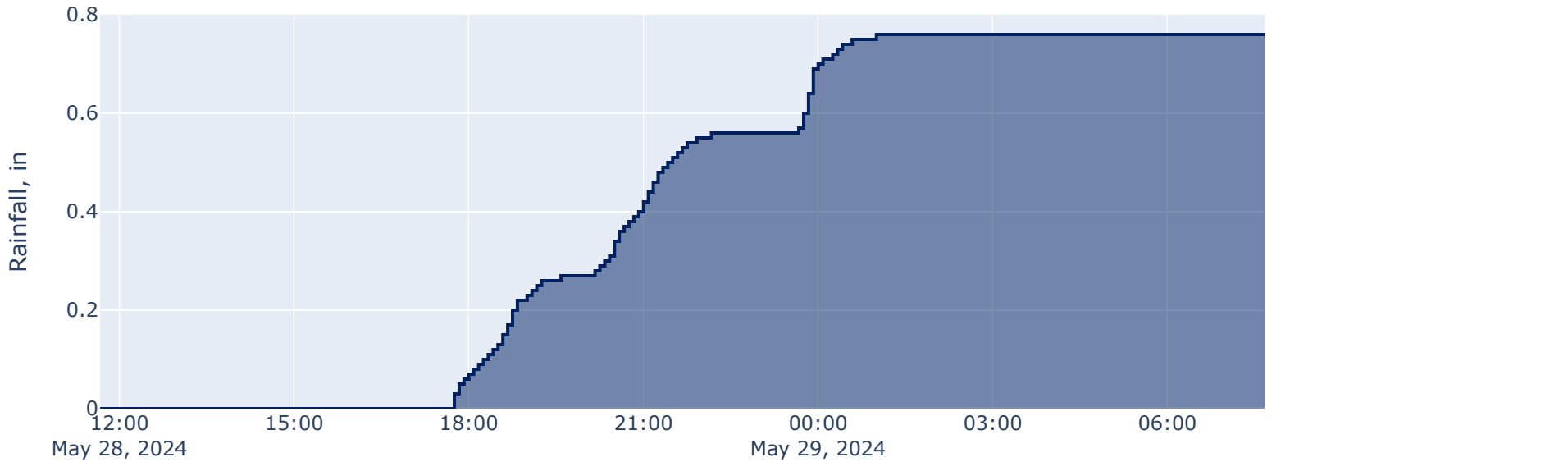
Overflow Data	Value
Overflow Volume Prevented (MG)	0.055
Percent Captured (%)	3
Unused Storage Volume (MG)	0.507
Overflow Before Storage Full	Yes
Storage Utilization (%)	10
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.028
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.028
Overflow Duration (hr)	7.17



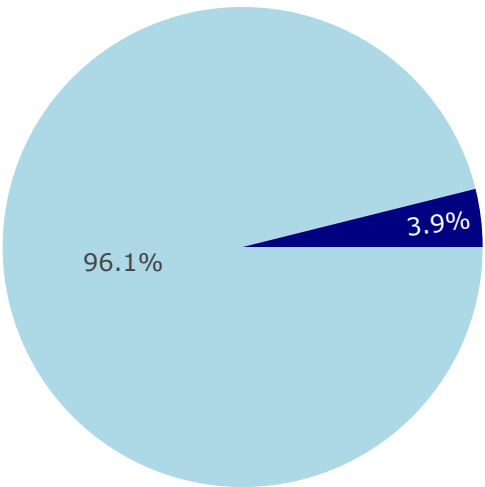
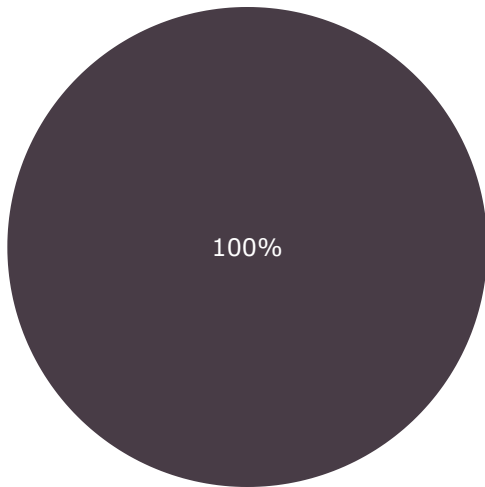
RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.44
Site Return to Normal Depth (ft)	N/A	0.5
Time Activated	N/A	05/28/2024 17:35
Time Returned to Normal	N/A	05/29/2024 01:50



RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.22
Volume Stored (MG)	0.055
Unused Storage Volume (MG)	0.507
RTC Depth at Overflow Start (ft)	1.94
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Jun2024 KPI Report for SPP326
RTC Site(s) Broadway Oak - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

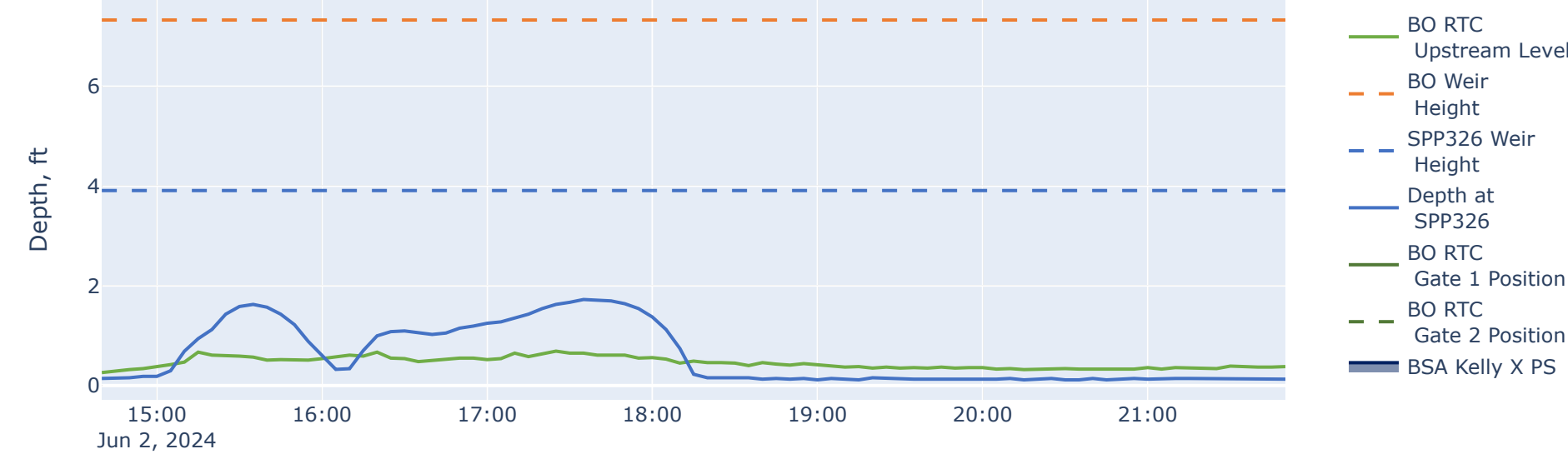
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Kelly X PS (in)
0	6	0.507	12.509	1.84

Event	Total Rain at BSA Kelly X PS (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 02, 2024	0.19	0.0	0.0	0	0.566	0	Good
June 05, 2024	0.56	0.841	0.064	7	0.497	11	Good
June 07, 2024	0.02	0.0	0.0	0	0.566	0	Good
June 08, 2024	0.74	1.955	0.044	2	0.516	8	Good
June 18, 2024	0.29	1.715	0.166	9	0.397	29	Good
June 19, 2024	0.0	0.263	0.038	13	0.52	7	Good
June 26, 2024	0.02	0.488	0.027	5	0.534	5	Good
June 29, 2024	0.0	7.247	0.168	2	0.394	30	Good

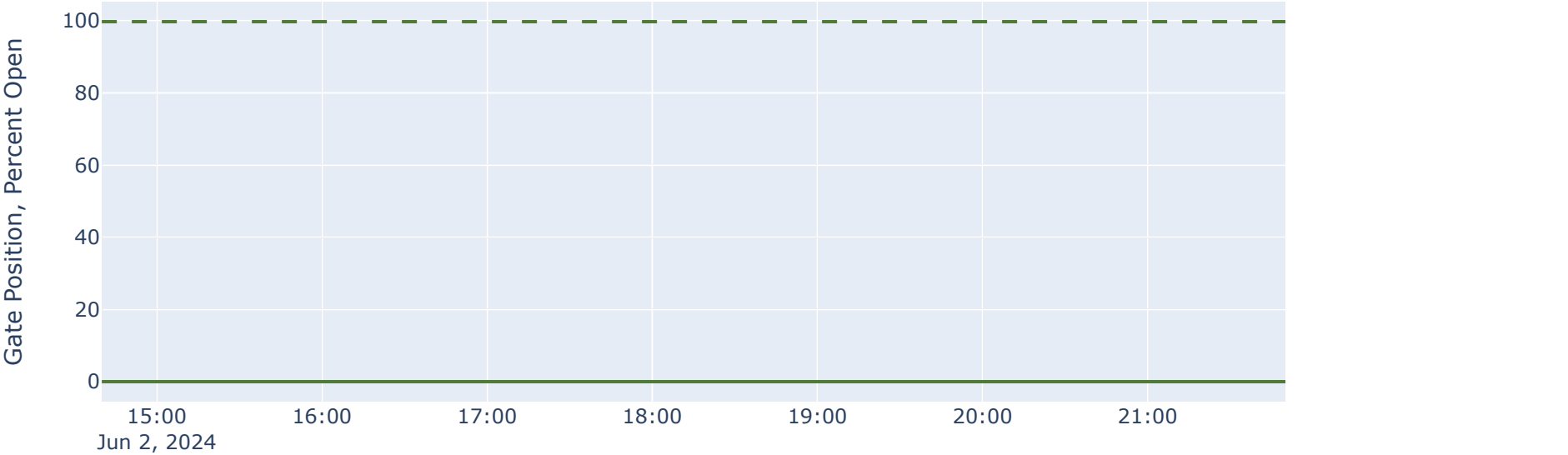
June 02, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/02/2024 14:40
Event End Date/Time	06/02/2024 21:50
Total Rainfall Accumulation (in)	0.19
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	7.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

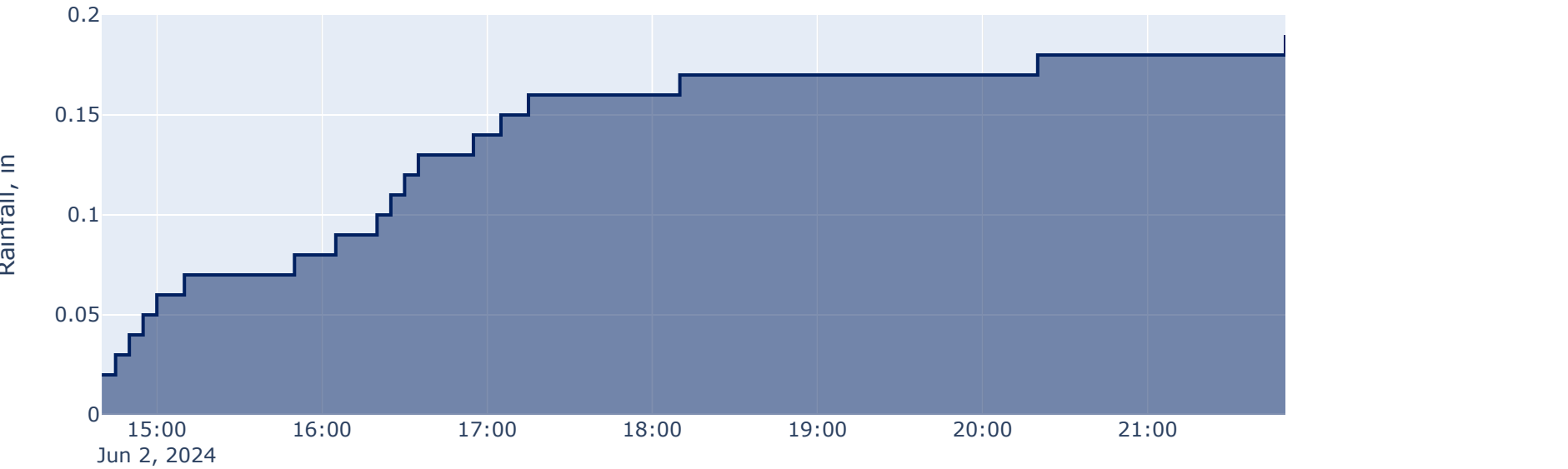
Overflow Data	Value
Overflow Volume Prevented (MG)	0
Percent Captured (%)	0
Unused Storage Volume (MG)	0.566
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A
Time Activated	N/A	N/A
Time Returned to Normal	N/A	N/A



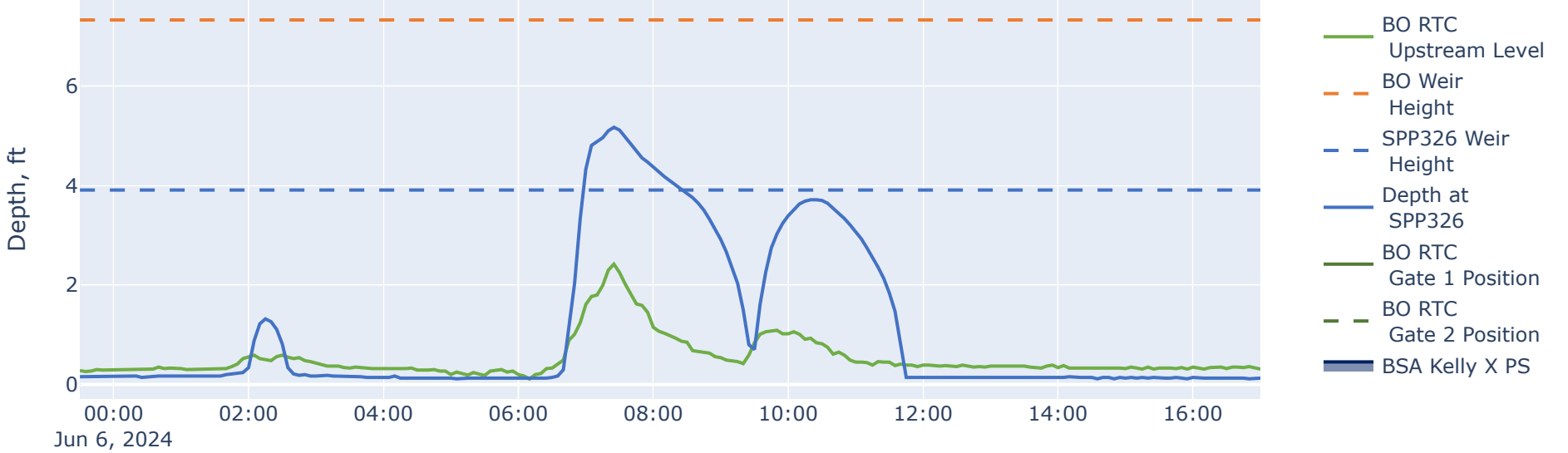
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	N/A
Volume Stored (MG)	0
Unused Storage Volume (MG)	0.566
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



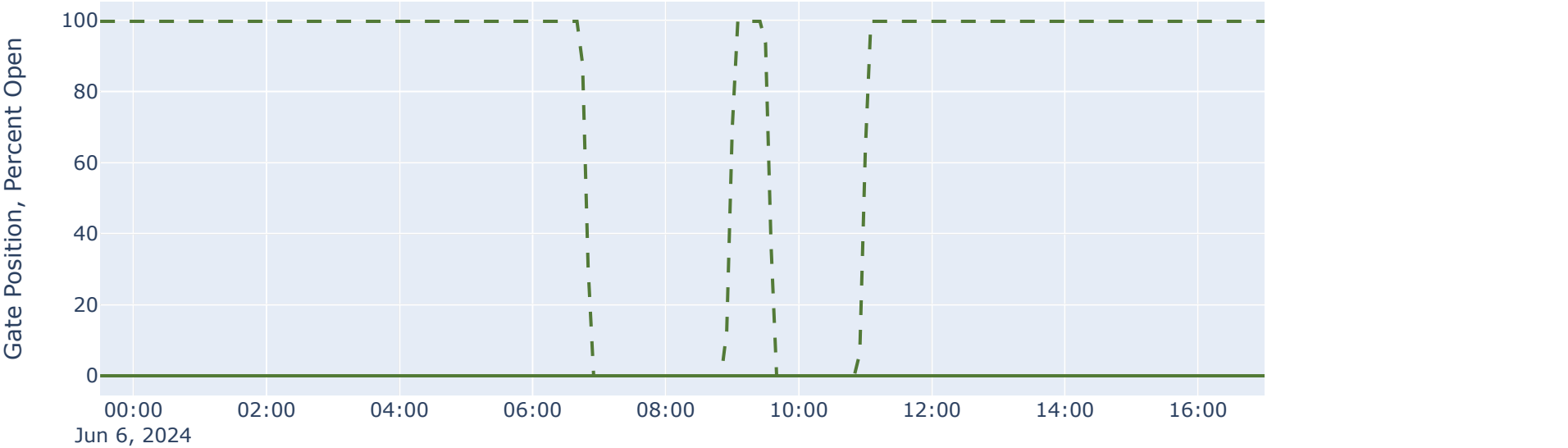
June 05, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/05/2024 23:30
Event End Date/Time	06/06/2024 17:00
Total Rainfall Accumulation (in)	0.56
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	9.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

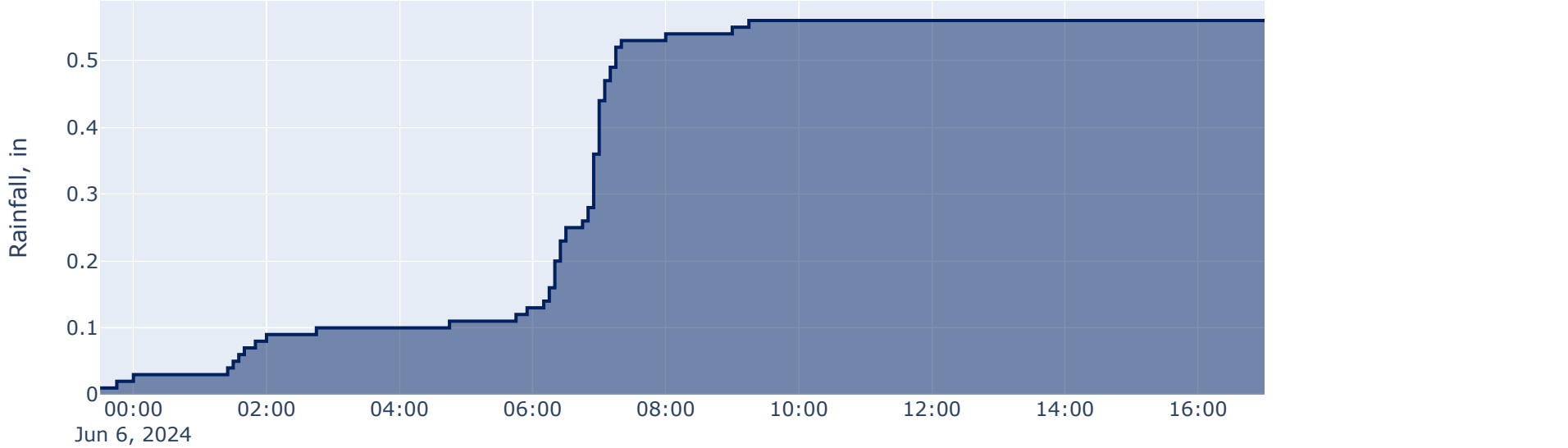
Overflow Data	Value
Overflow Volume Prevented (MG)	0.064
Percent Captured (%)	7
Unused Storage Volume (MG)	0.497
Overflow Before Storage Full	Yes
Storage Utilization (%)	11
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.841
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.841
Overflow Duration (hr)	1.42



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.49
Site Return to Normal Depth (ft)	N/A	0.45
Time Activated	N/A	06/06/2024 06:40
Time Returned to Normal	N/A	06/06/2024 11:05



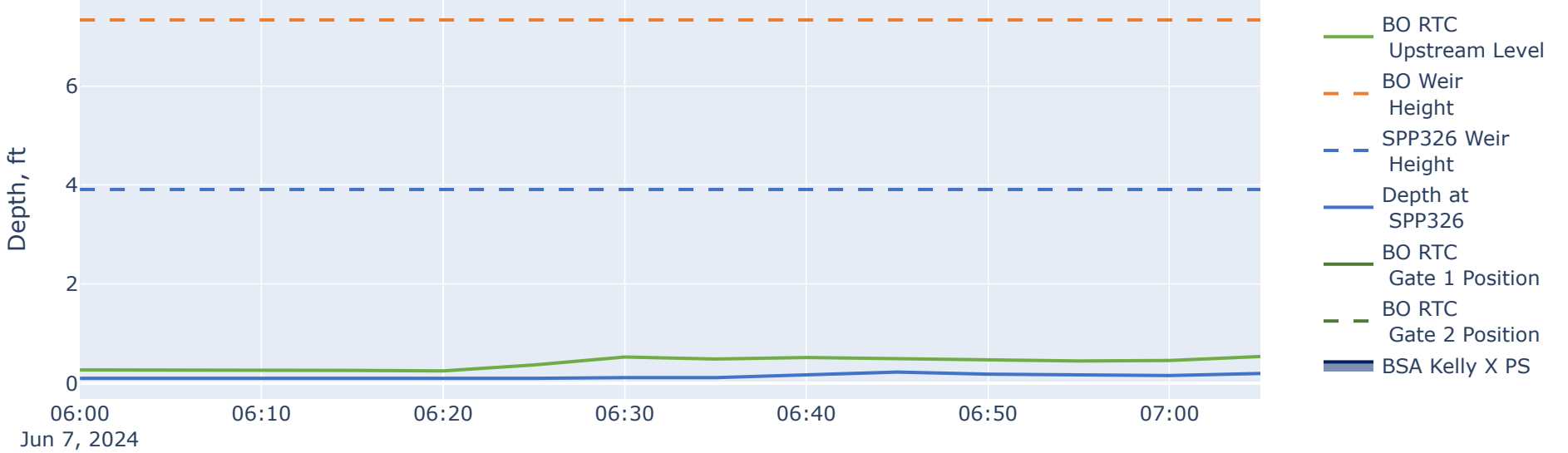
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.42
Volume Stored (MG)	0.064
Unused Storage Volume (MG)	0.497
RTC Depth at Overflow Start (ft)	1.61
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



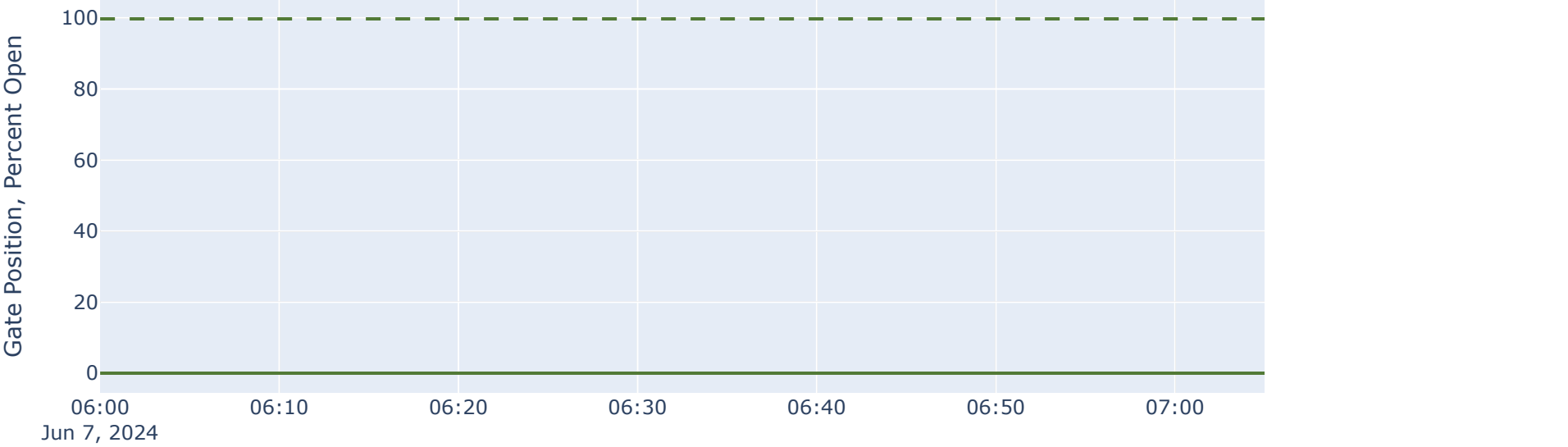
June 07, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/07/2024 06:00
Event End Date/Time	06/07/2024 07:05
Total Rainfall Accumulation (in)	0.02
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	1.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

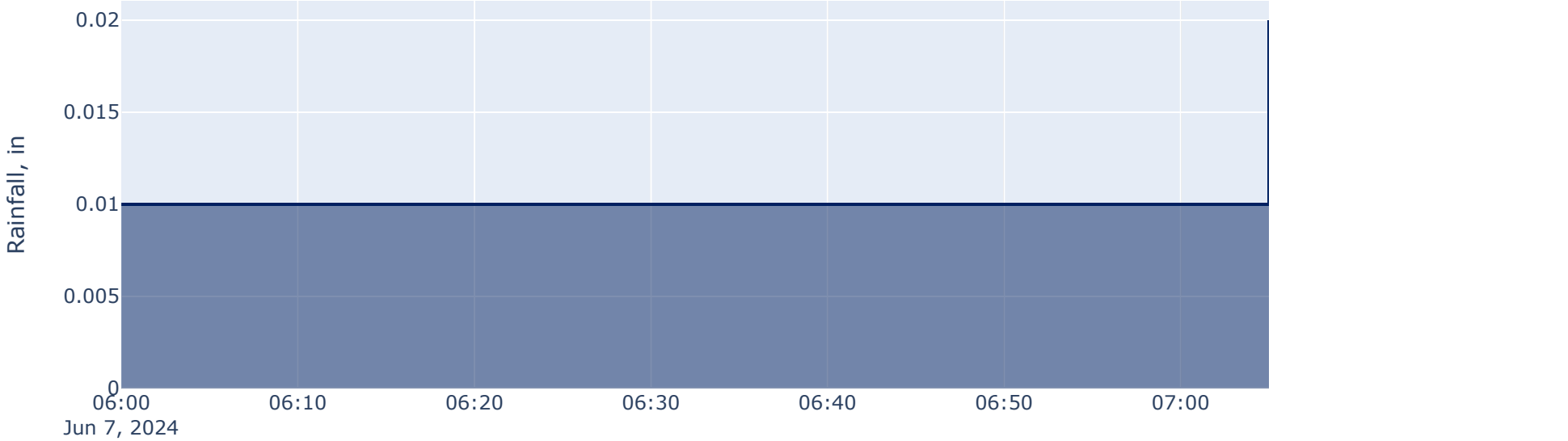
Overflow Data	Value
Overflow Volume Prevented (MG)	0
Percent Captured (%)	0
Unused Storage Volume (MG)	0.566
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	N/A
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	N/A
Site Return to Normal Depth (ft)	N/A	N/A
Time Activated	N/A	N/A
Time Returned to Normal	N/A	N/A



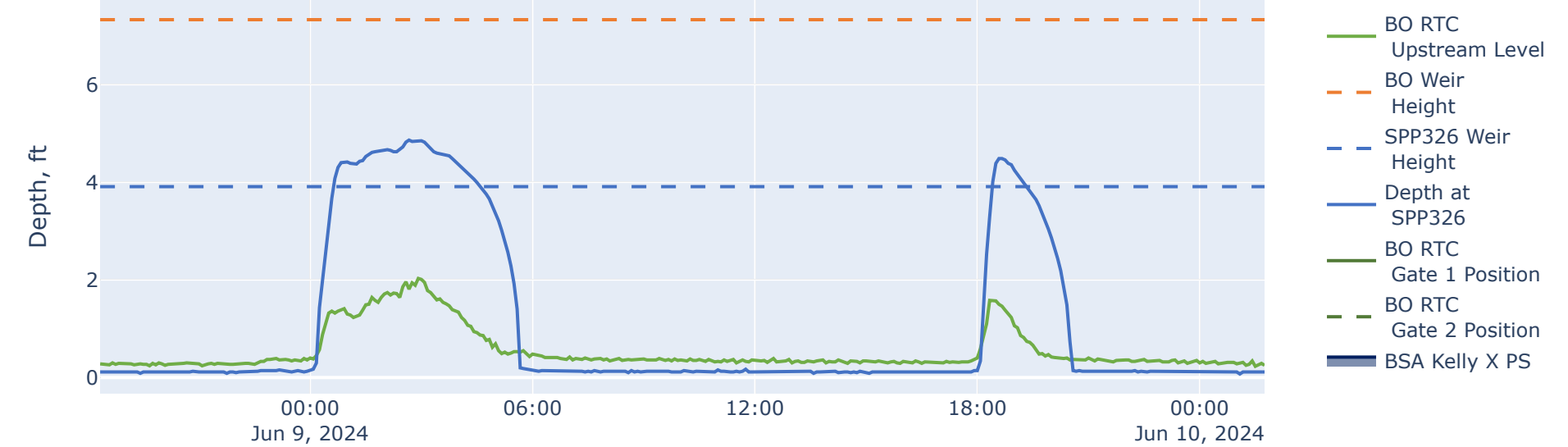
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	N/A
Volume Stored (MG)	0
Unused Storage Volume (MG)	0.566
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



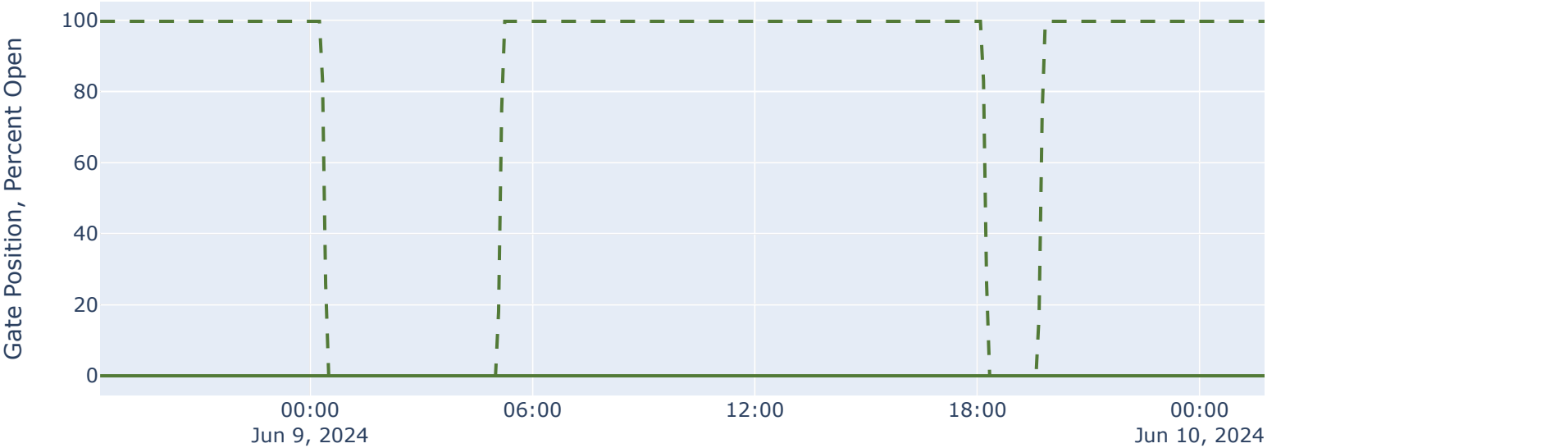
June 08, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/08/2024 18:20
Event End Date/Time	06/10/2024 01:45
Total Rainfall Accumulation (in)	0.74
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	7.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

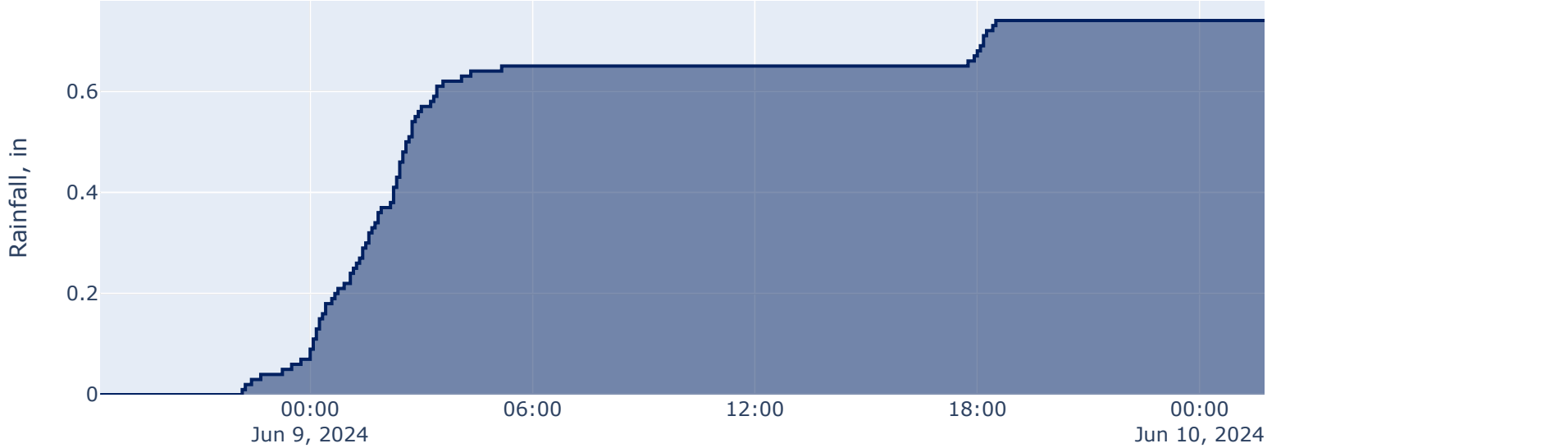
Overflow Data	Value
Overflow Volume Prevented (MG)	0.044
Percent Captured (%)	2
Unused Storage Volume (MG)	0.516
Overflow Before Storage Full	Yes
Storage Utilization (%)	8
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.955
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.955
Overflow Duration (hr)	18.67



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.57
Site Return to Normal Depth (ft)	N/A	0.44
Time Activated	N/A	06/09/2024 00:15
Time Returned to Normal	N/A	06/09/2024 19:50



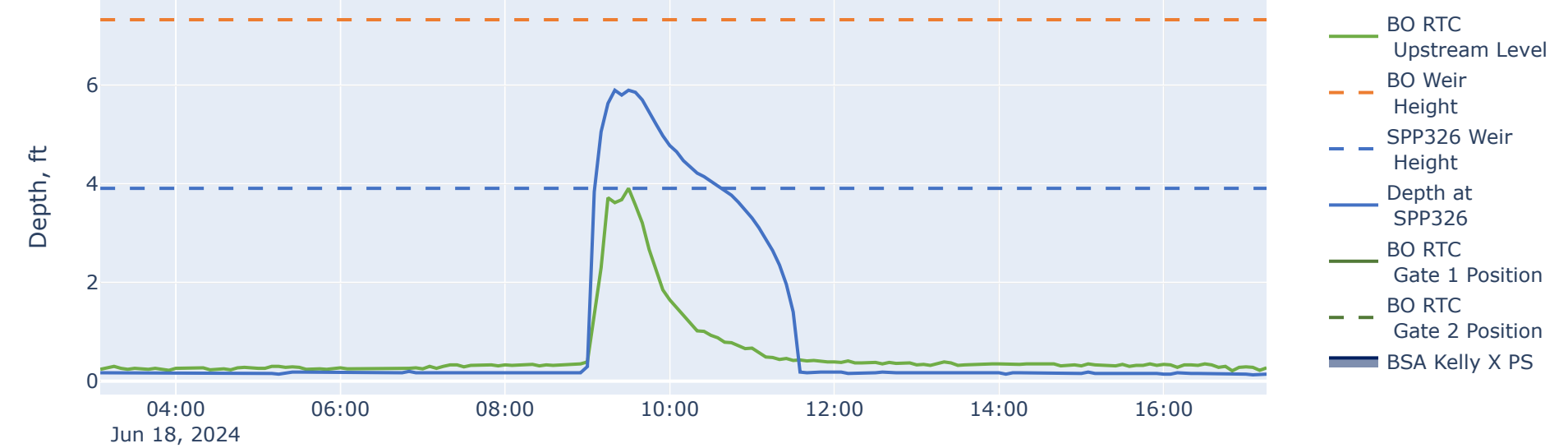
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	2.03
Volume Stored (MG)	0.044
Unused Storage Volume (MG)	0.516
RTC Depth at Overflow Start (ft)	1.32
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



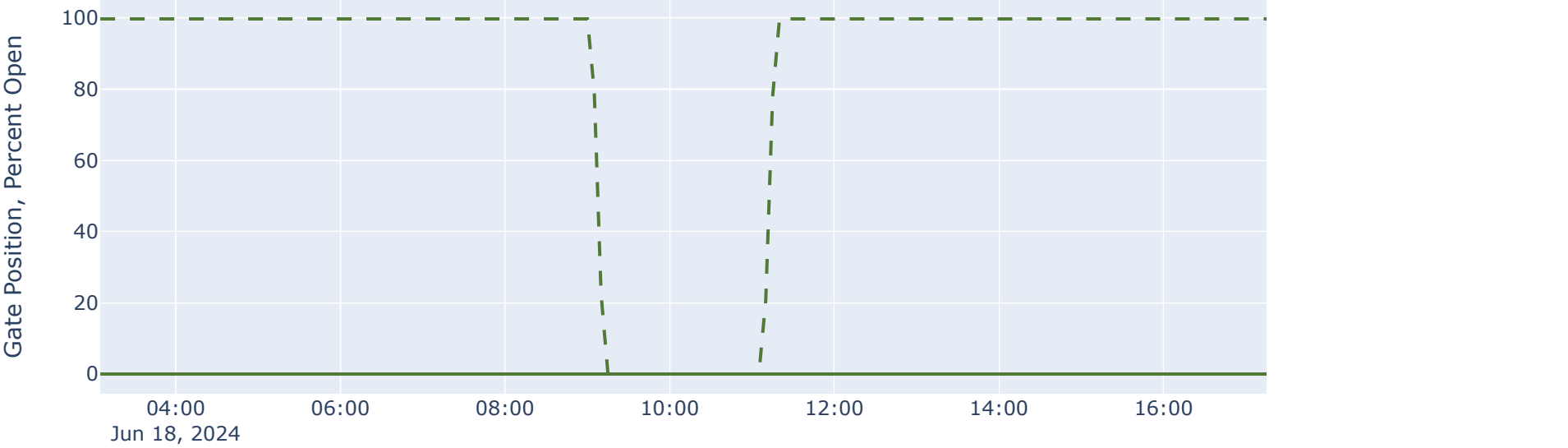
June 18, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/18/2024 03:05
Event End Date/Time	06/18/2024 17:15
Total Rainfall Accumulation (in)	0.29
Maximum Rainfall Intensity (in/hr)	1.44
Storm Event Duration (hr)	0.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

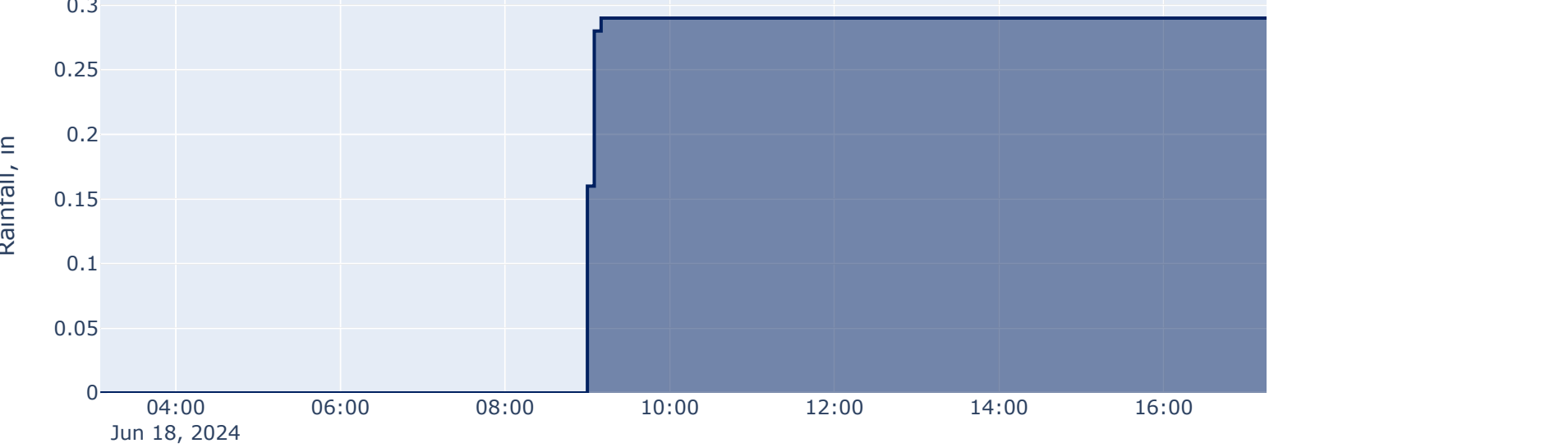
Overflow Data	Value
Overflow Volume Prevented (MG)	0.166
Percent Captured (%)	9
Unused Storage Volume (MG)	0.397
Overflow Before Storage Full	Yes
Storage Utilization (%)	29
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.715
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	1.715
Overflow Duration (hr)	1.42



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.39
Site Return to Normal Depth (ft)	N/A	0.44
Time Activated	N/A	06/18/2024 09:00
Time Returned to Normal	N/A	06/18/2024 11:20



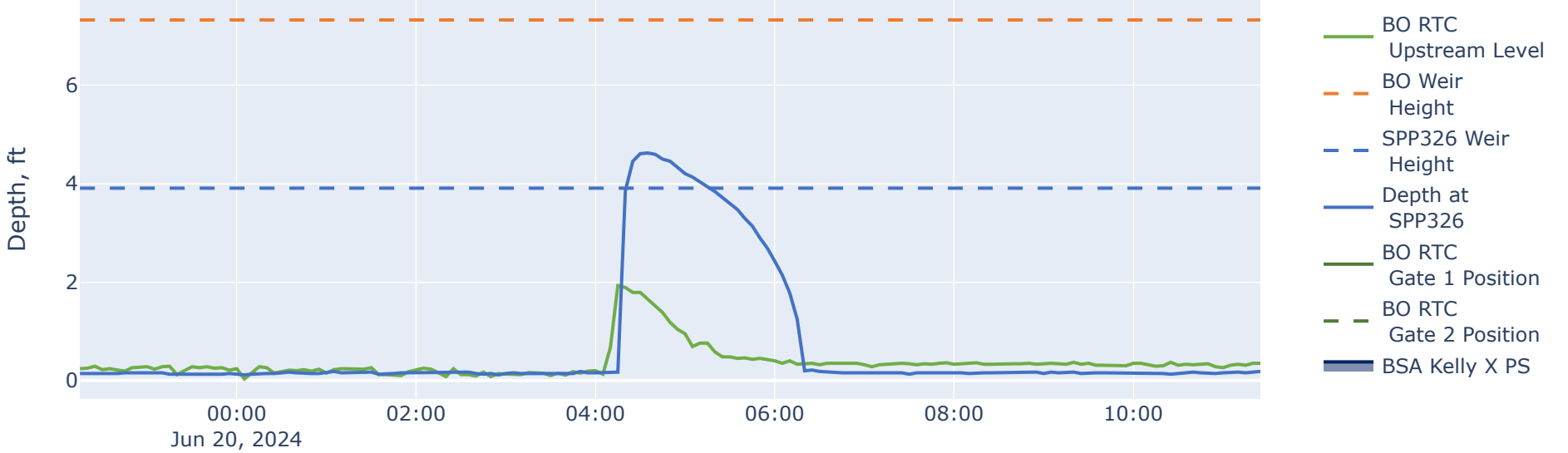
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.91
Volume Stored (MG)	0.166
Unused Storage Volume (MG)	0.397
RTC Depth at Overflow Start (ft)	2.3
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



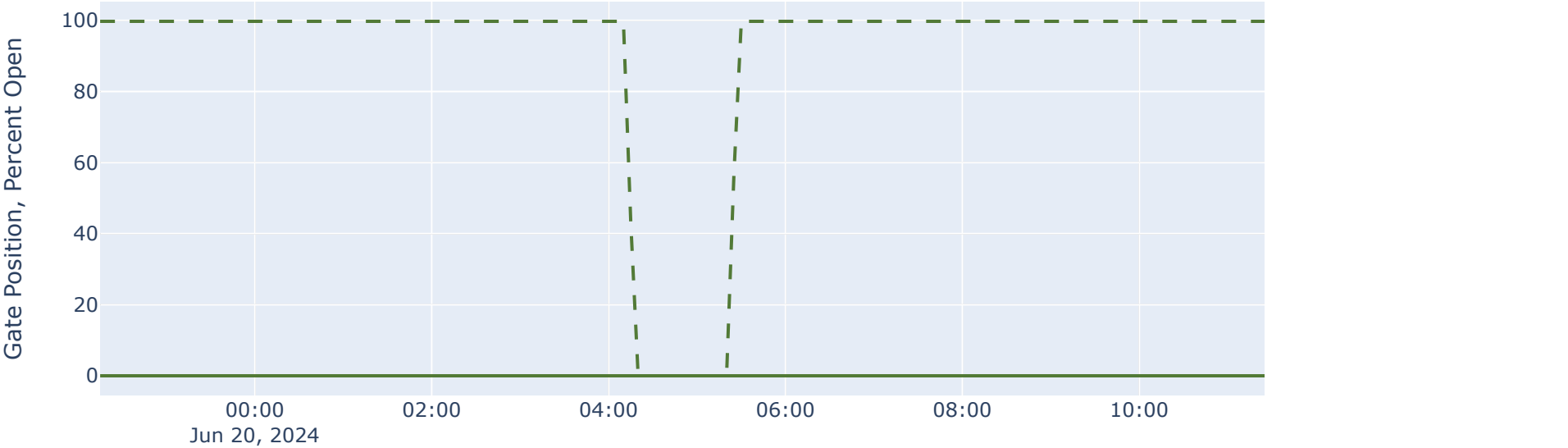
June 19, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/19/2024 22:15
Event End Date/Time	06/20/2024 11:25
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

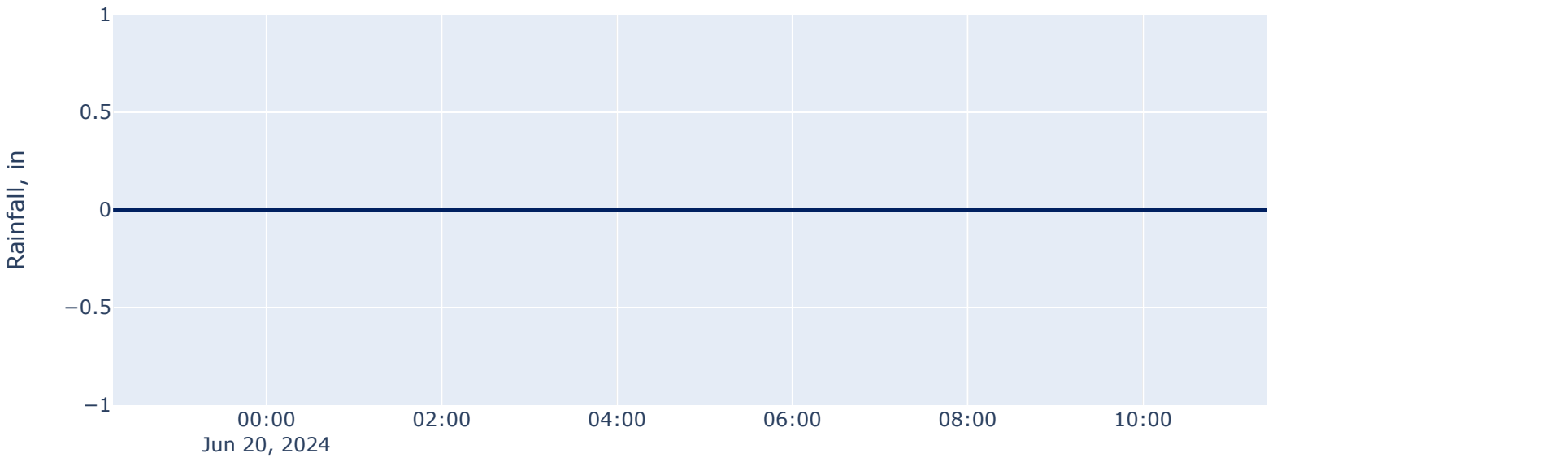
Overflow Data	Value
Overflow Volume Prevented (MG)	0.038
Percent Captured (%)	13
Unused Storage Volume (MG)	0.52
Overflow Before Storage Full	Yes
Storage Utilization (%)	7
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.263
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.263
Overflow Duration (hr)	0.83



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.67
Site Return to Normal Depth (ft)	N/A	0.48
Time Activated	N/A	06/20/2024 04:10
Time Returned to Normal	N/A	06/20/2024 05:30



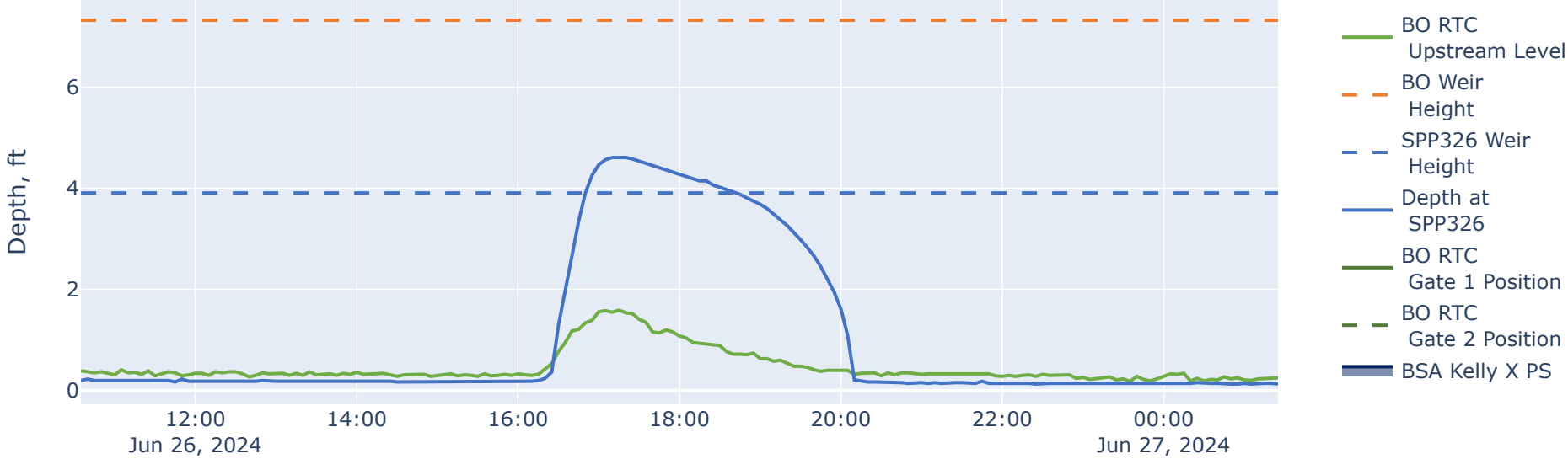
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.93
Volume Stored (MG)	0.038
Unused Storage Volume (MG)	0.52
RTC Depth at Overflow Start (ft)	1.79
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



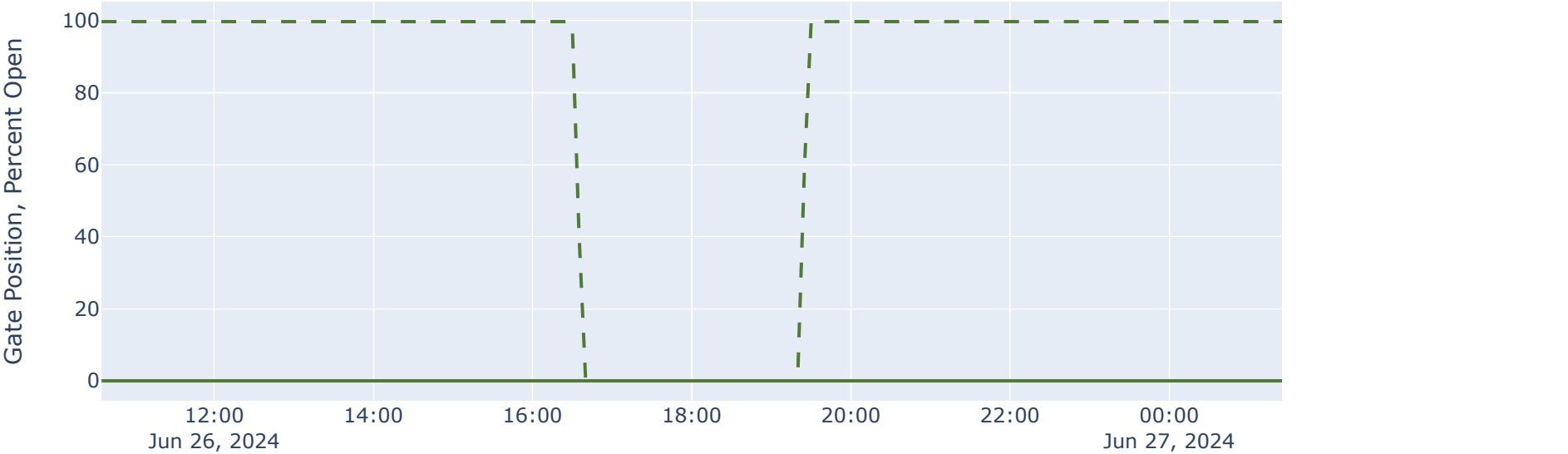
June 26, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/26/2024 10:35
Event End Date/Time	06/27/2024 01:25
Total Rainfall Accumulation (in)	0.02
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	0.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

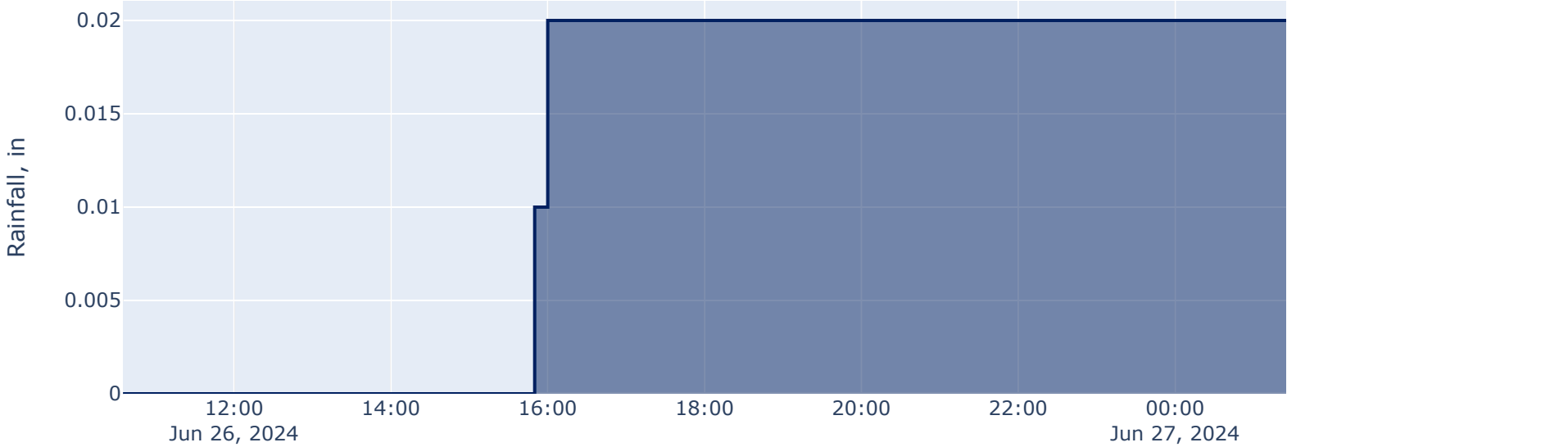
Overflow Data	Value
Overflow Volume Prevented (MG)	0.027
Percent Captured (%)	5
Unused Storage Volume (MG)	0.534
Overflow Before Storage Full	Yes
Storage Utilization (%)	5
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.488
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.488
Overflow Duration (hr)	1.83



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.53
Site Return to Normal Depth (ft)	N/A	0.48
Time Activated	N/A	06/26/2024 16:25
Time Returned to Normal	N/A	06/26/2024 19:30



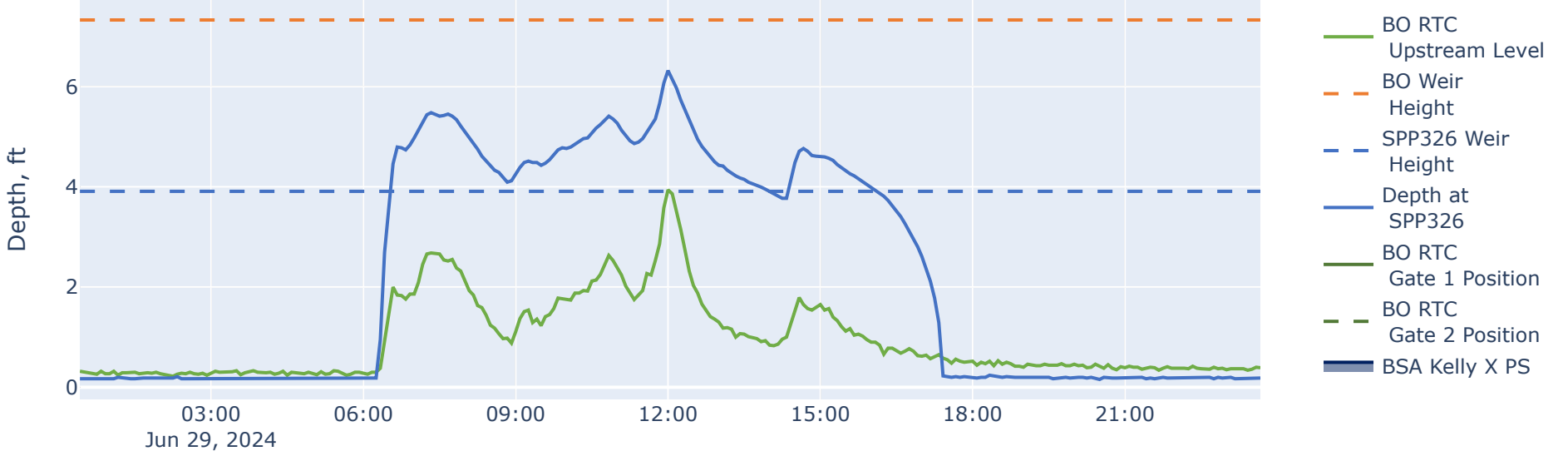
RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	1.59
Volume Stored (MG)	0.027
Unused Storage Volume (MG)	0.534
RTC Depth at Overflow Start (ft)	1.34
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



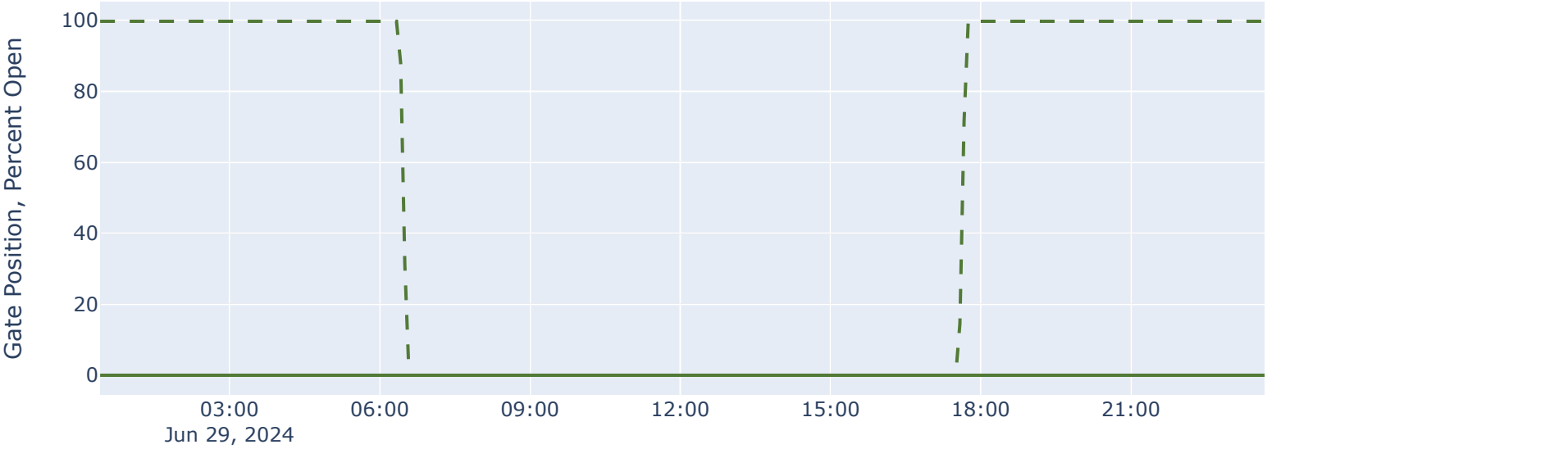
June 29, 2024 SPP326
RTC Site(s) Broadway Oak - v1.0.4

Event Data	Value
Event Start Date/Time	06/29/2024 00:25
Event End Date/Time	06/29/2024 23:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

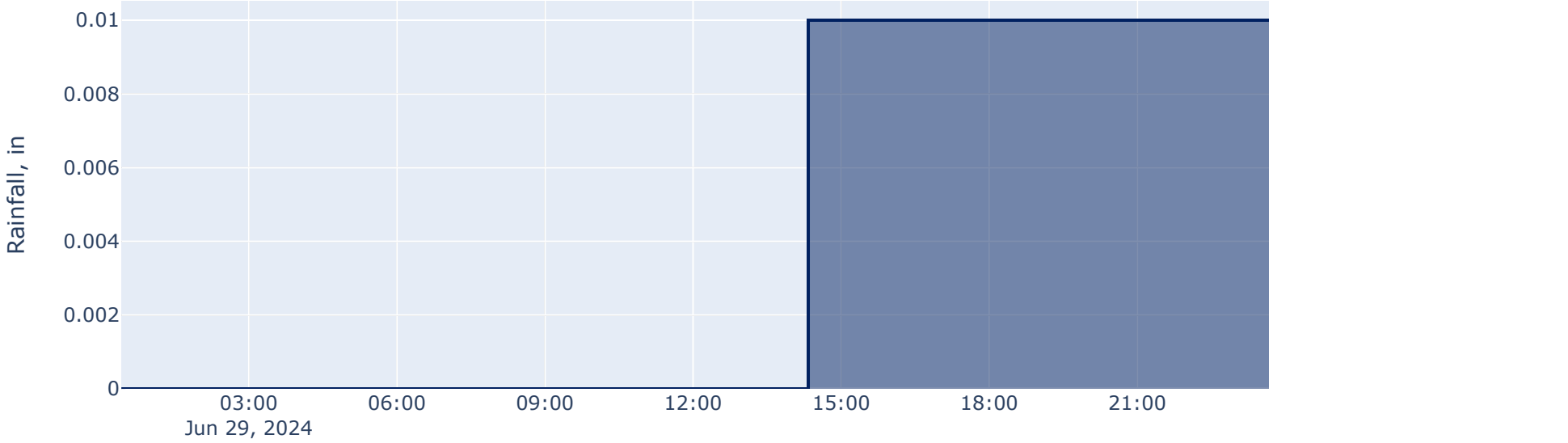
Overflow Data	Value
Overflow Volume Prevented (MG)	0.168
Percent Captured (%)	2
Unused Storage Volume (MG)	0.394
Overflow Before Storage Full	Yes
Storage Utilization (%)	30
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	7.247
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	7.247
Overflow Duration (hr)	9.5



RTC Sites	Broadway Oak Gate 1	Broadway Oak Gate 2
Site Depth at Activation (ft)	N/A	0.38
Site Return to Normal Depth (ft)	N/A	0.52
Time Activated	N/A	06/29/2024 06:20
Time Returned to Normal	N/A	06/29/2024 17:45

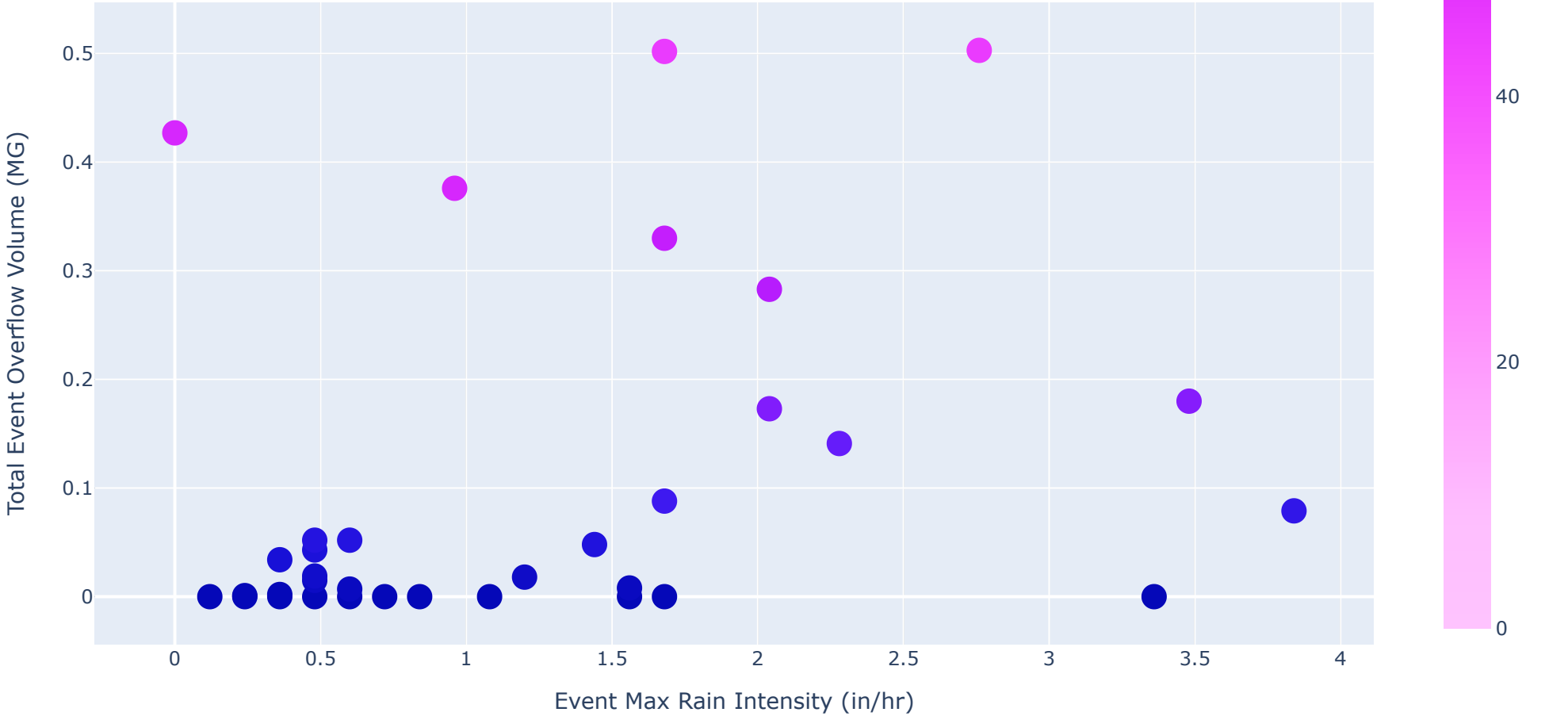
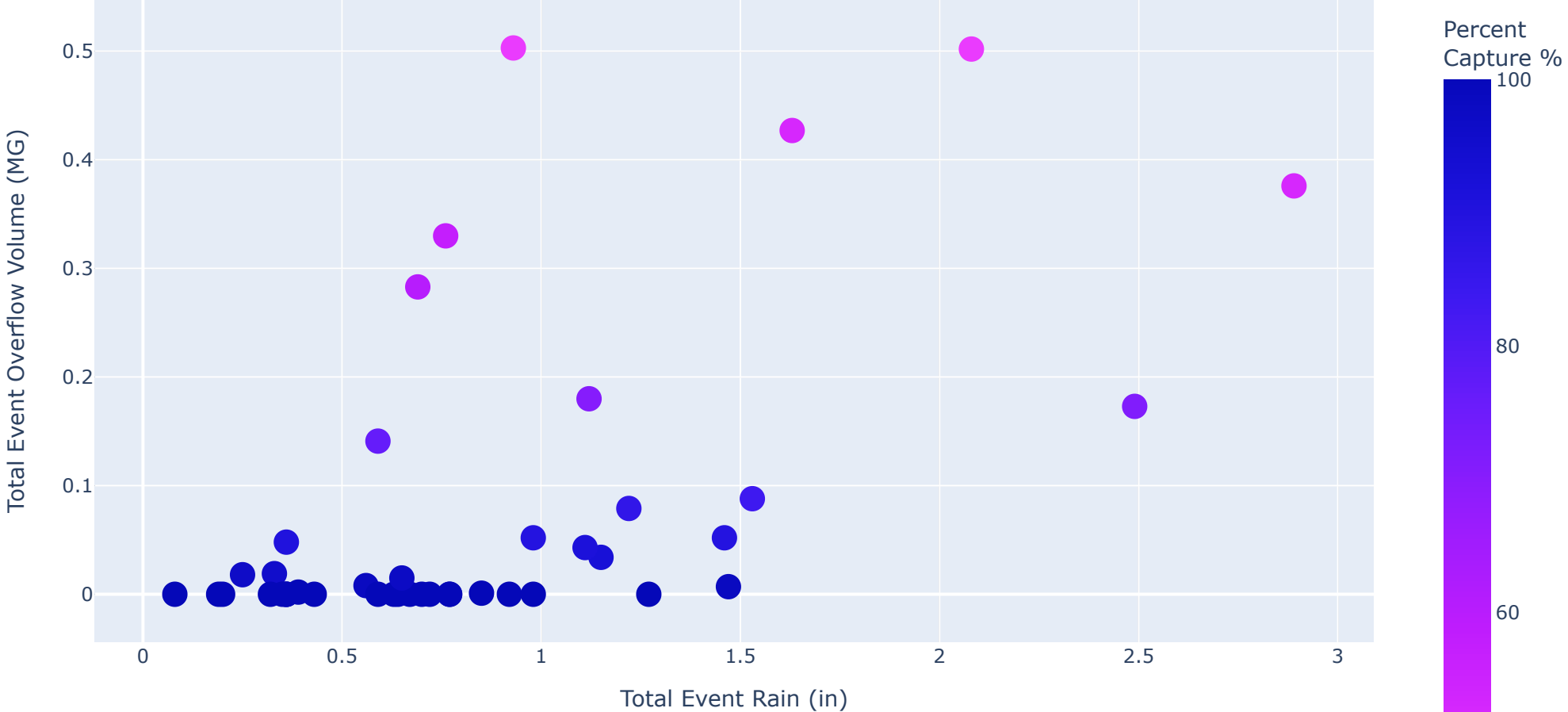


RTC Sites	Broadway Oak
Depth at Weir Crest (ft)	7.33
Maximum Depth Reached (ft)	3.94
Volume Stored (MG)	0.168
Unused Storage Volume (MG)	0.394
RTC Depth at Overflow Start (ft)	2.0
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes

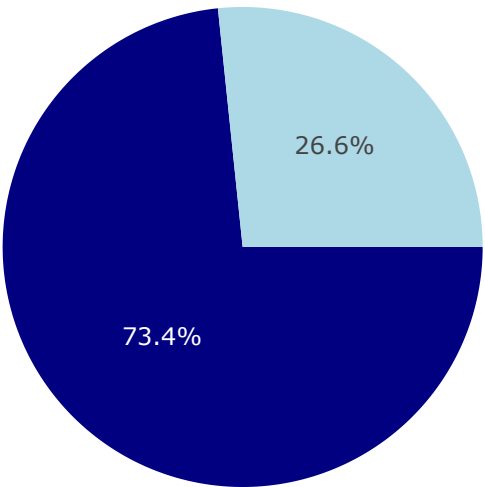
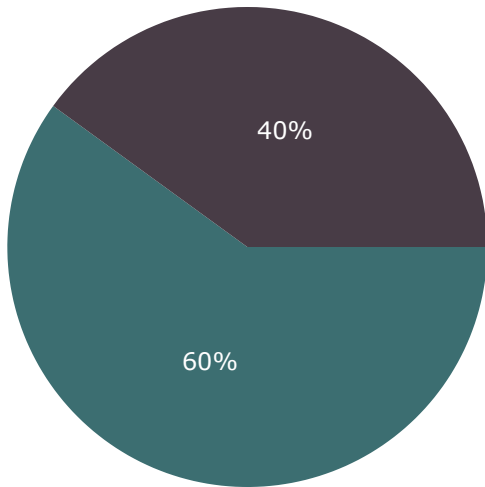


2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	23.0
Occurred SPP Overflow Volume (MG)	3.381
Number of Prevented SPP Overflow Events	20.0
Prevented SPP Overflow Volume (MG)	15.698
Total Observed Rain at BSA Hazelwood RTC RG (in)	48.000



Jul2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

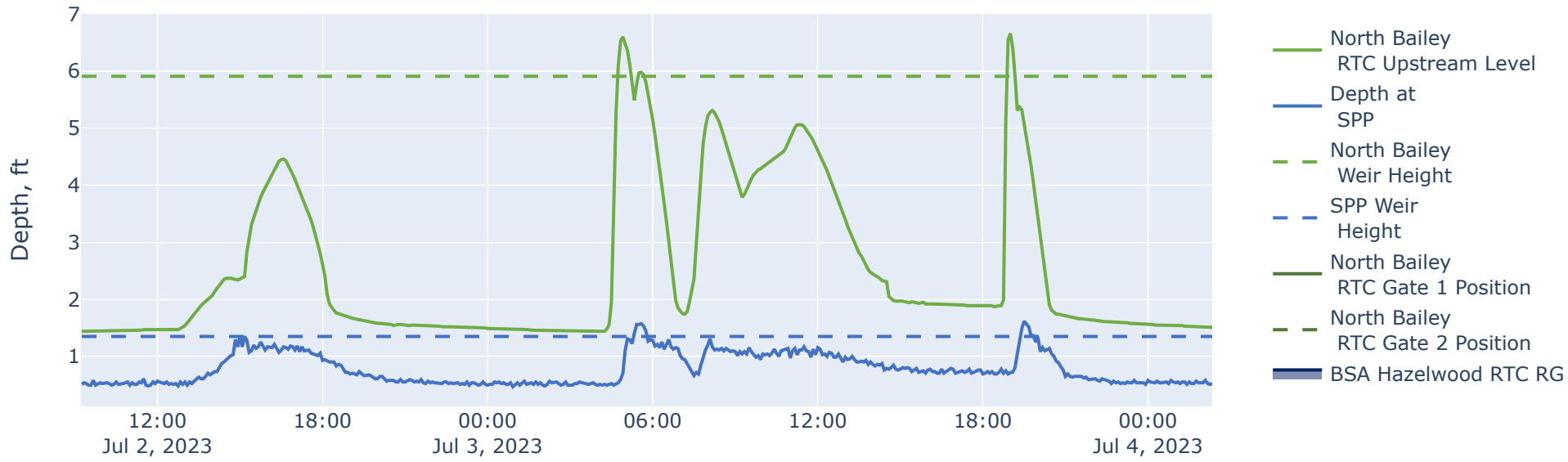
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	5	2.183	0.793	6.47

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 02, 2023	1.53	0.088	0.435	83	0.0	100	Good
July 15, 2023	1.22	0.079	0.469	86	0.0	100	Good
July 20, 2023	1.12	0.18	0.424	70	0.0	100	Good
July 26, 2023	1.63	0.427	0.454	52	0.0	100	Good
July 29, 2023	0.33	0.019	0.401	95	0.0	100	Good

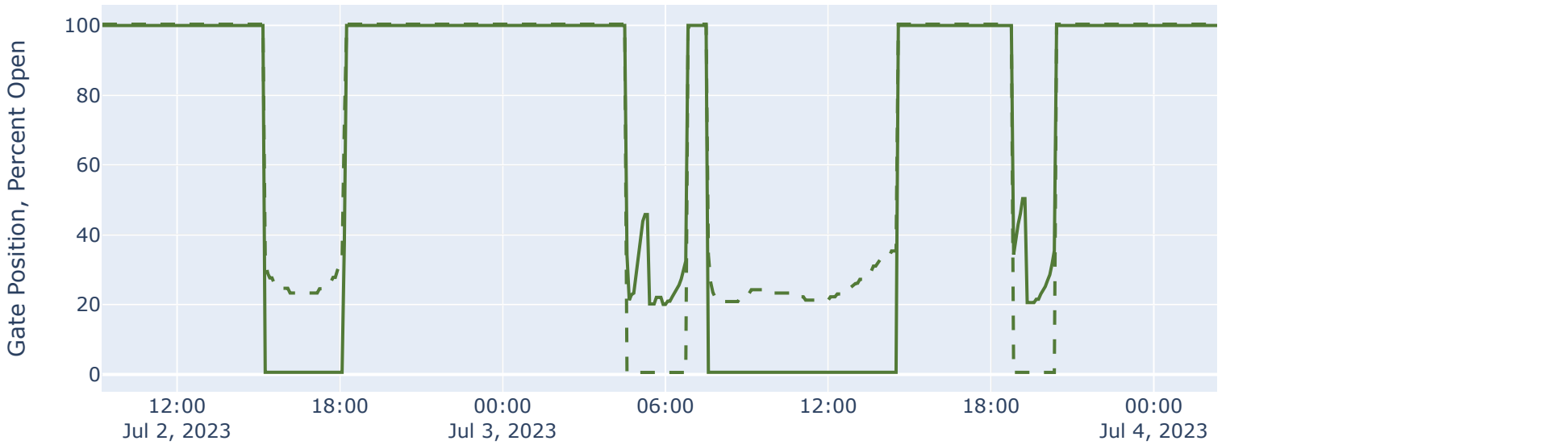
July 02, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	07/02/2023 09:15
Event End Date/Time	07/04/2023 02:20
Total Rainfall Accumulation (in)	1.53
Maximum Rainfall Intensity (in/hr)	1.68
Storm Event Duration (hr)	22.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

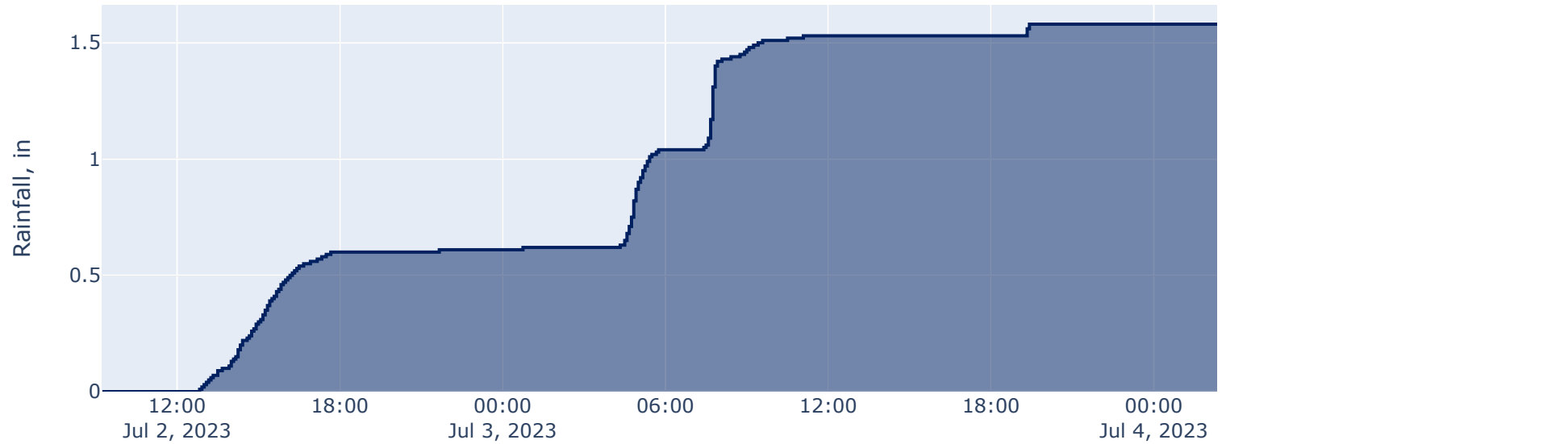
Overflow Data	Value
Overflow Volume Prevented (MG)	0.435
Percent Captured (%)	83
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.088
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.088
Overflow Duration (hr)	4.83



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.96	1.96
Site Return to Normal Depth (ft)	1.9	1.9
Time Activated	07/02/2023 15:10	07/02/2023 15:10
Time Returned to Normal	07/03/2023 20:25	07/03/2023 20:25



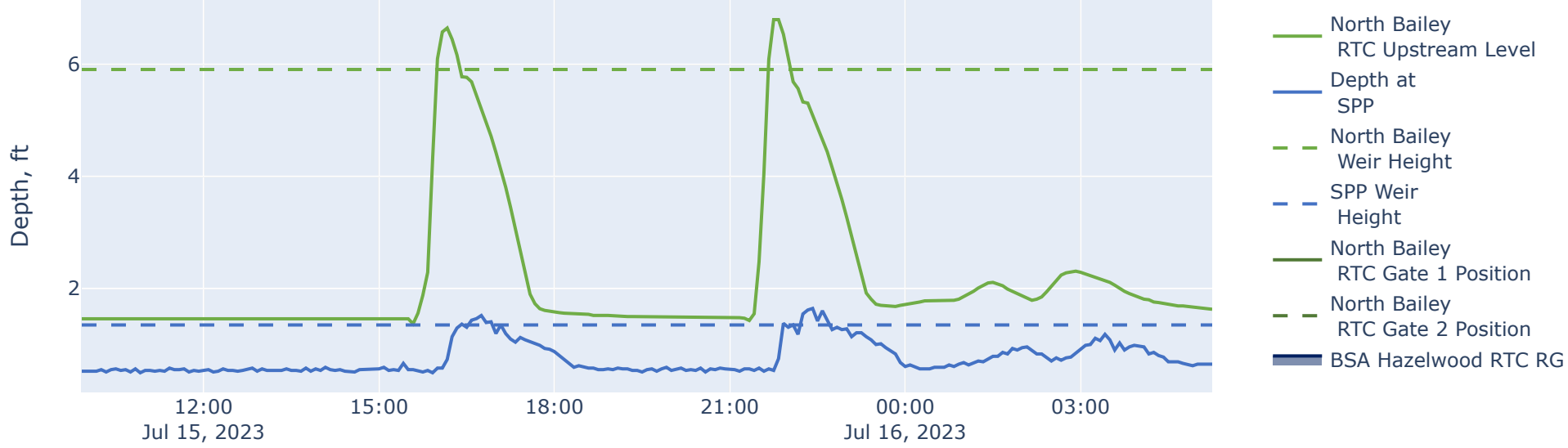
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.435
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	2.36
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



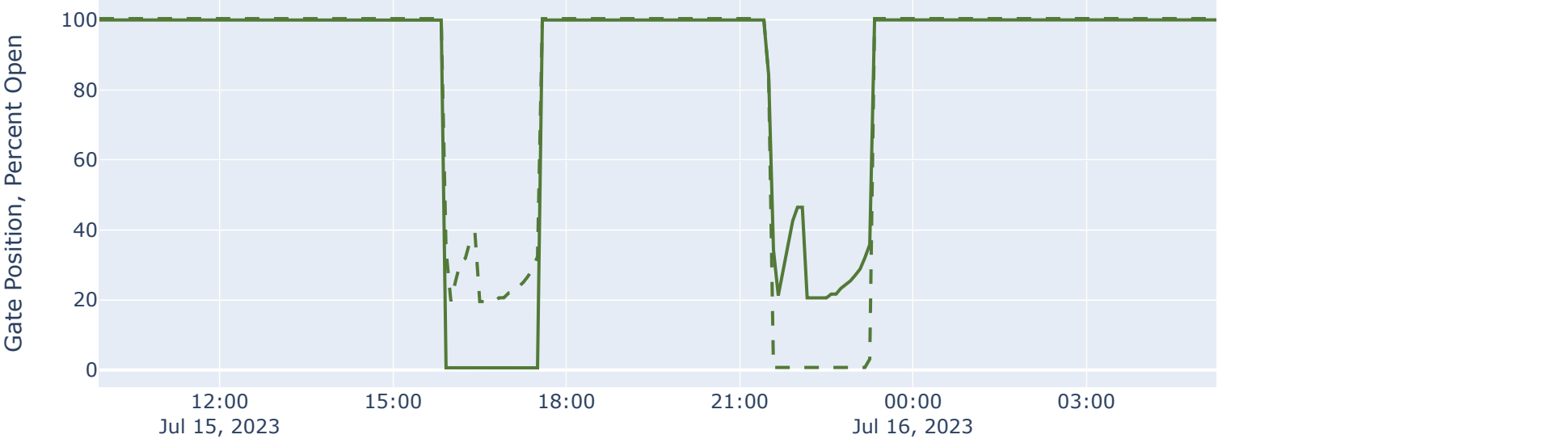
July 15, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	07/15/2023 09:55
Event End Date/Time	07/16/2023 05:15
Total Rainfall Accumulation (in)	1.22
Maximum Rainfall Intensity (in/hr)	3.84
Storm Event Duration (hr)	12.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

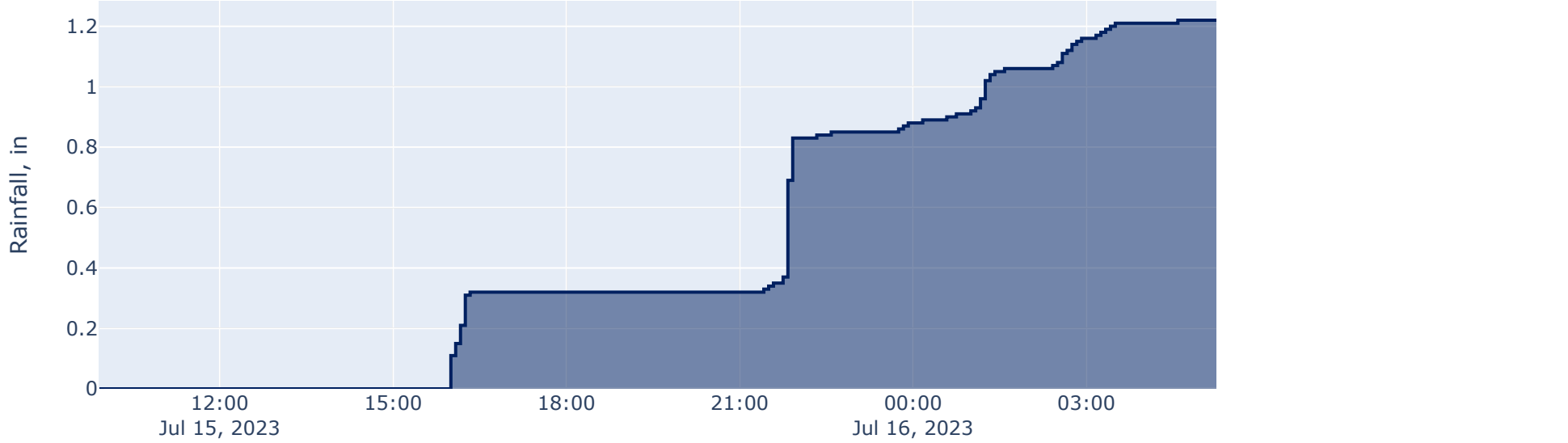
Overflow Data	Value
Overflow Volume Prevented (MG)	0.469
Percent Captured (%)	86
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.079
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.079
Overflow Duration (hr)	6.25



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.55	1.55
Site Return to Normal Depth (ft)	1.92	1.92
Time Activated	07/15/2023 15:50	07/15/2023 15:50
Time Returned to Normal	07/15/2023 23:20	07/15/2023 23:20



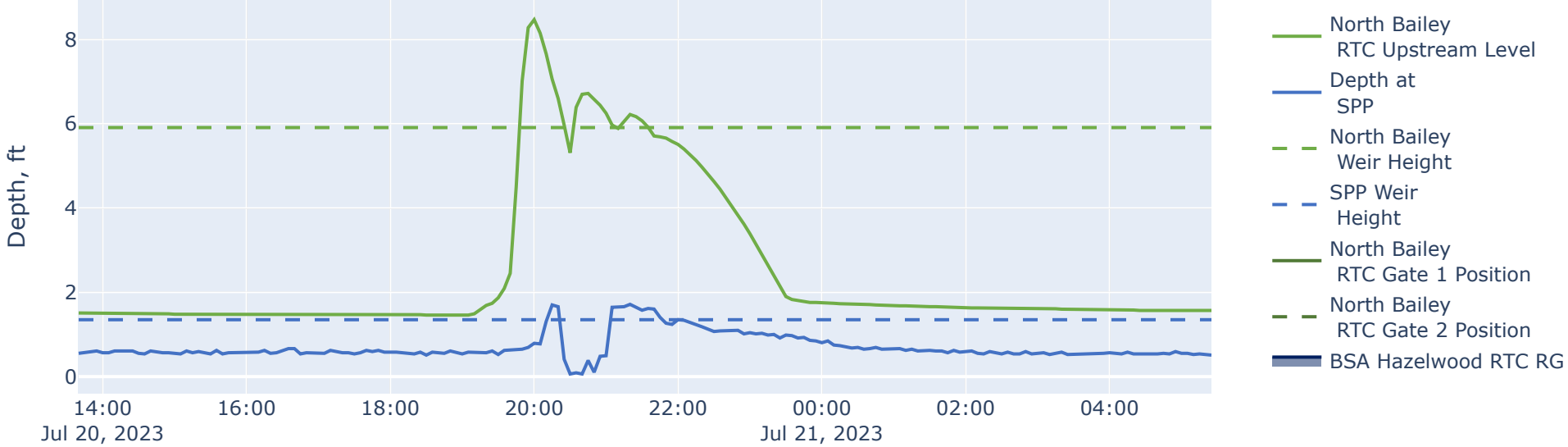
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.469
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.78
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



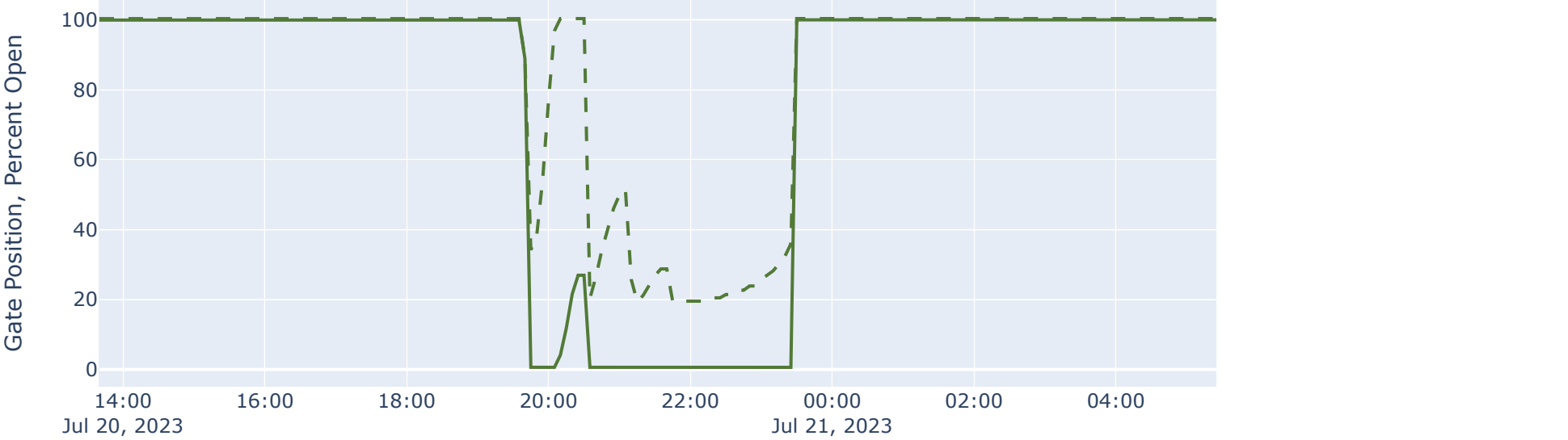
July 20, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	07/20/2023 13:40
Event End Date/Time	07/21/2023 05:25
Total Rainfall Accumulation (in)	1.12
Maximum Rainfall Intensity (in/hr)	3.48
Storm Event Duration (hr)	2.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

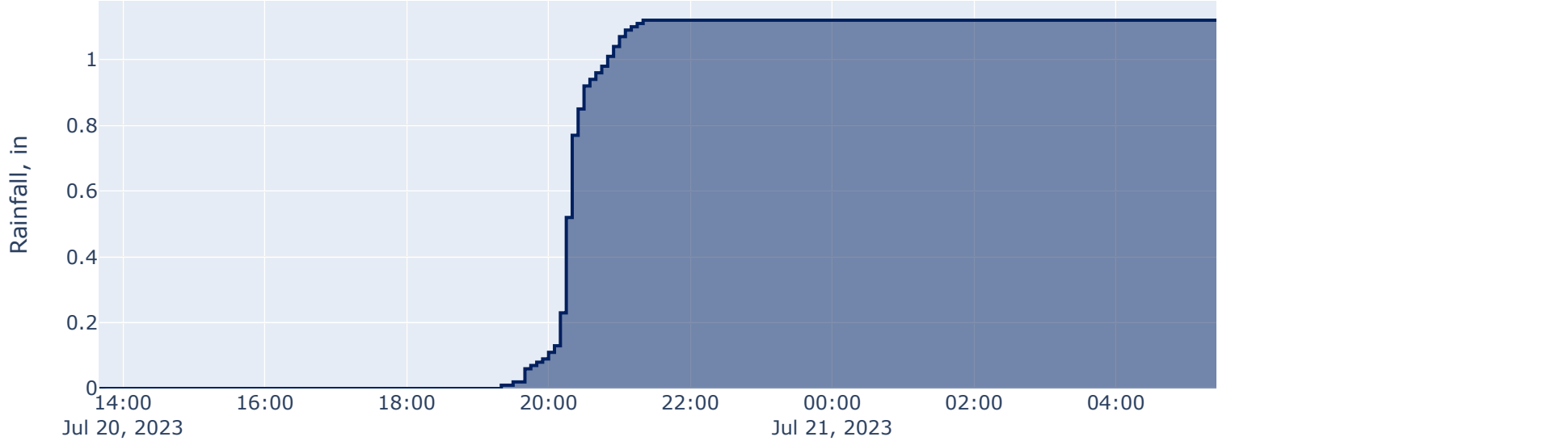
Overflow Data	Value
Overflow Volume Prevented (MG)	0.424
Percent Captured (%)	70
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.18
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.18
Overflow Duration (hr)	1.75



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.09	2.09
Site Return to Normal Depth (ft)	1.9	1.9
Time Activated	07/20/2023 19:35	07/20/2023 19:35
Time Returned to Normal	07/20/2023 23:30	07/20/2023 23:30



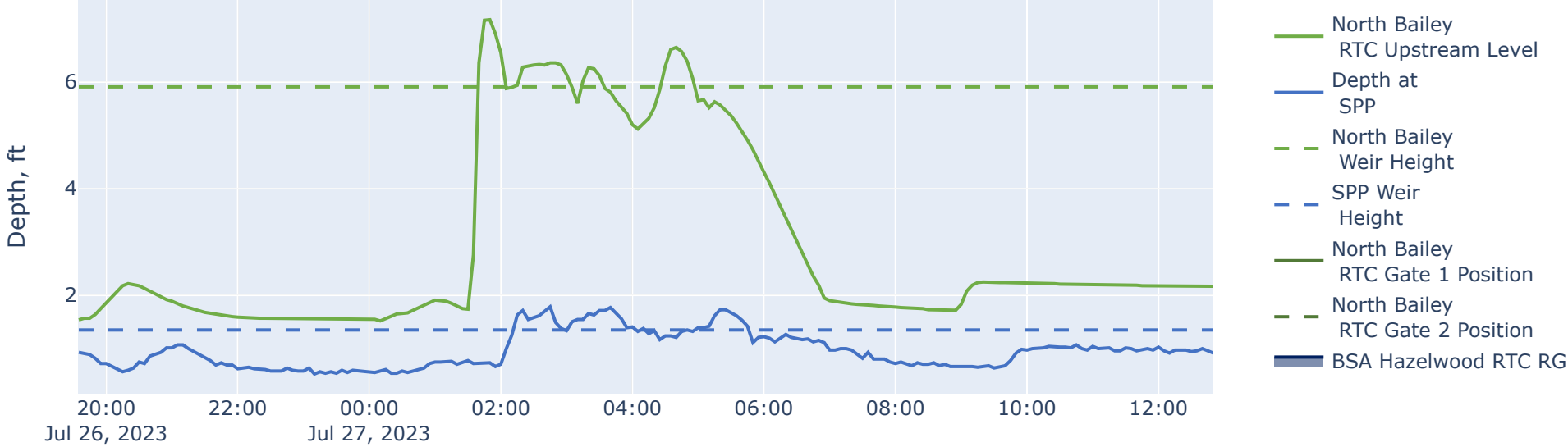
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.424
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	7.06
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



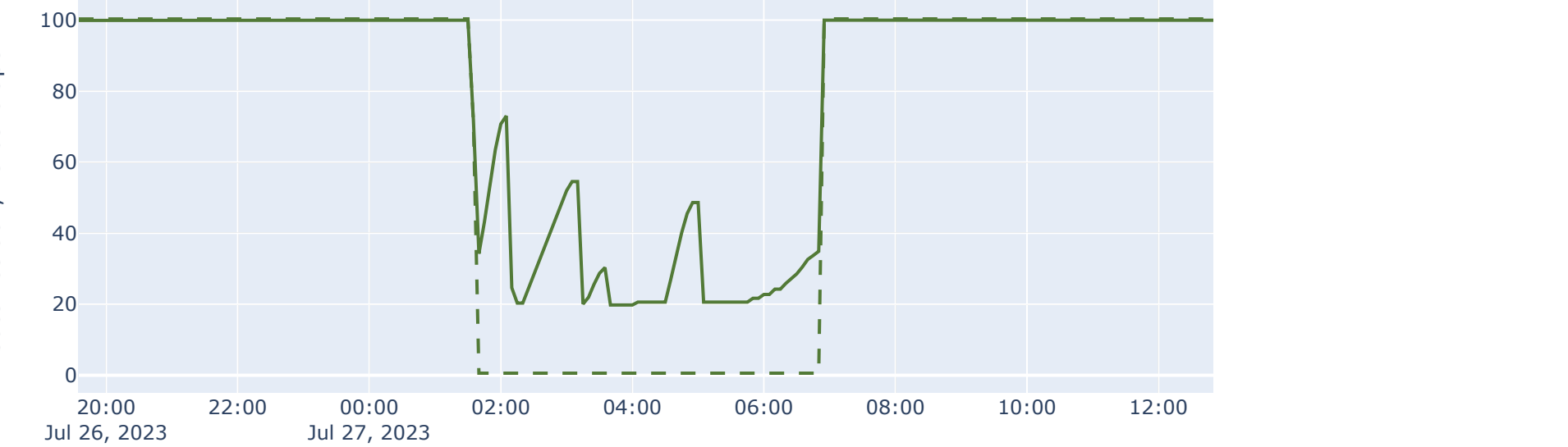
July 26, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	07/26/2023 19:35
Event End Date/Time	07/27/2023 12:50
Total Rainfall Accumulation (in)	1.63
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	9.75
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

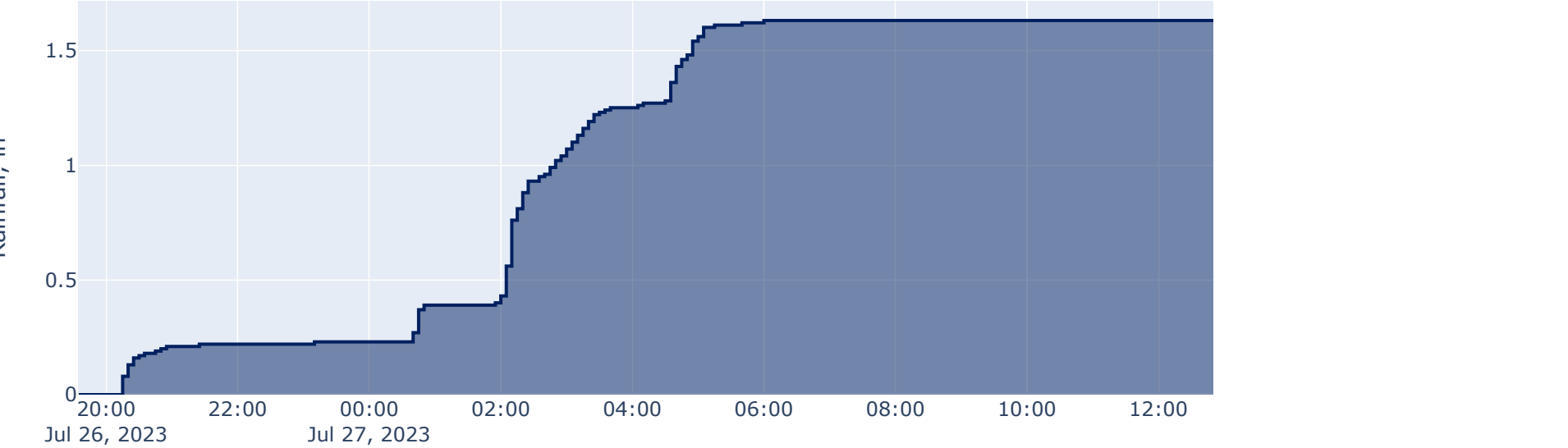
Overflow Data	Value
Overflow Volume Prevented (MG)	0.454
Percent Captured (%)	52
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.427
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.427
Overflow Duration (hr)	3.5



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.74	1.74
Site Return to Normal Depth (ft)	1.95	1.95
Time Activated	07/27/2023 01:30	07/27/2023 01:30
Time Returned to Normal	07/27/2023 06:55	07/27/2023 06:55



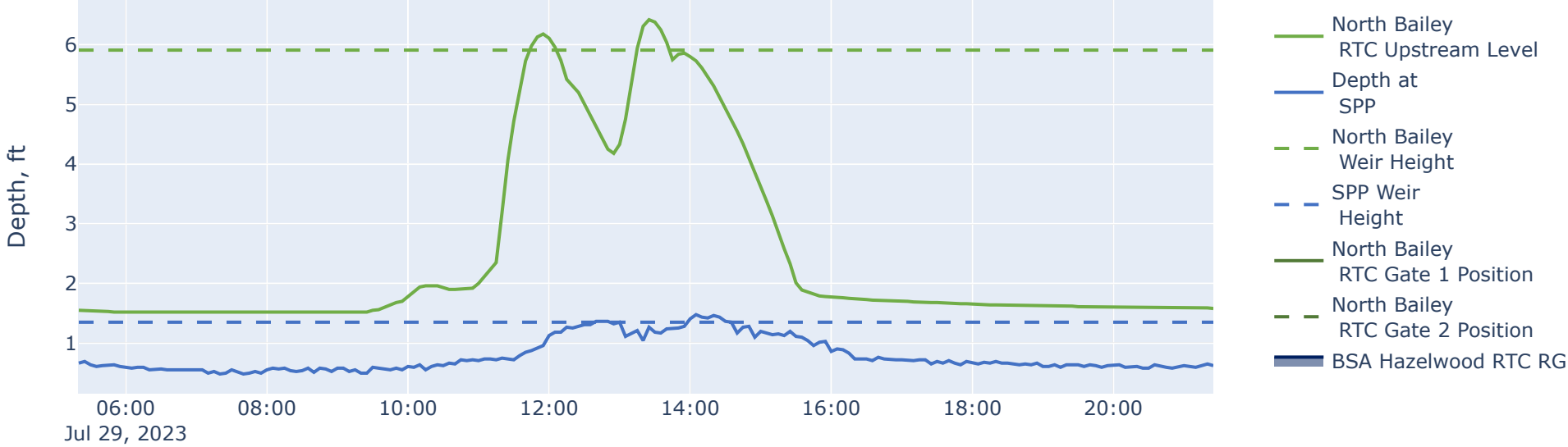
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.454
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.94
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



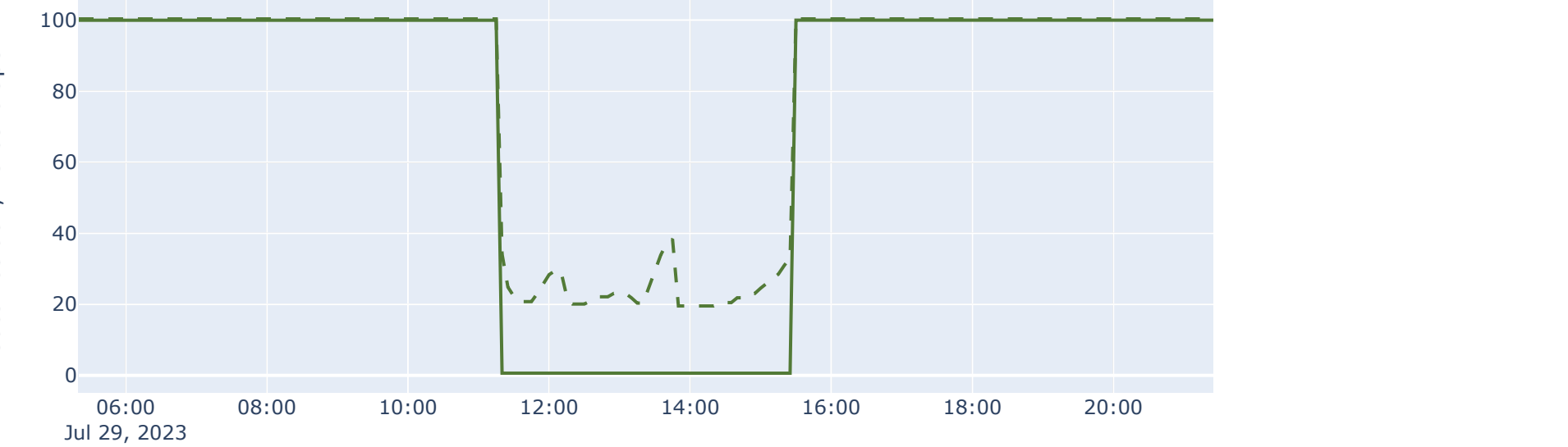
July 29, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	07/29/2023 05:20
Event End Date/Time	07/29/2023 21:25
Total Rainfall Accumulation (in)	0.33
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	4.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

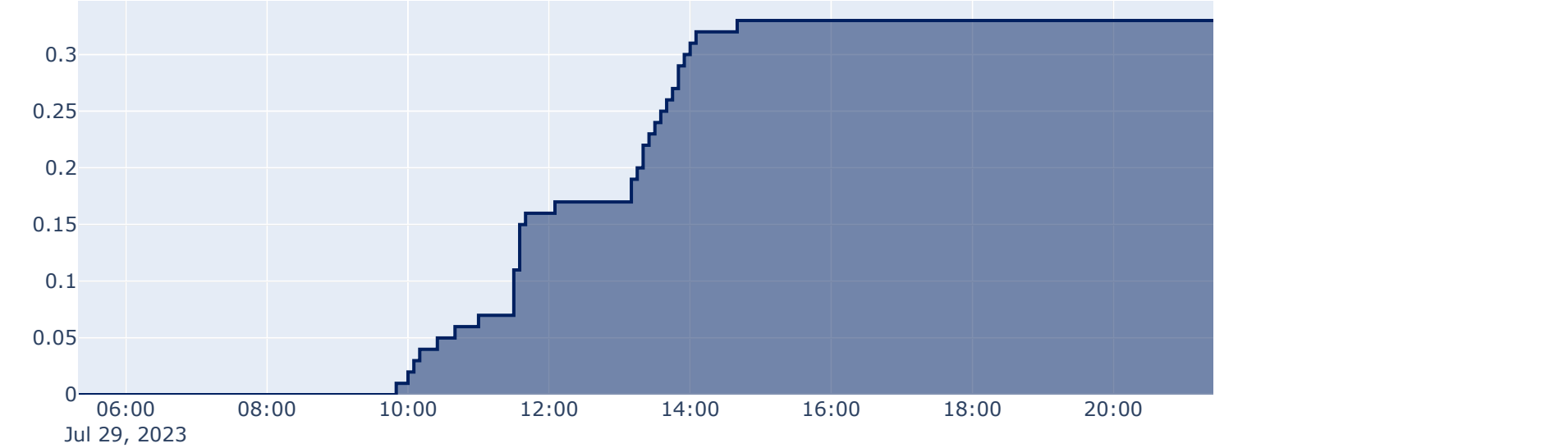
Overflow Data	Value
Overflow Volume Prevented (MG)	0.401
Percent Captured (%)	95
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.019
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.019
Overflow Duration (hr)	1.92



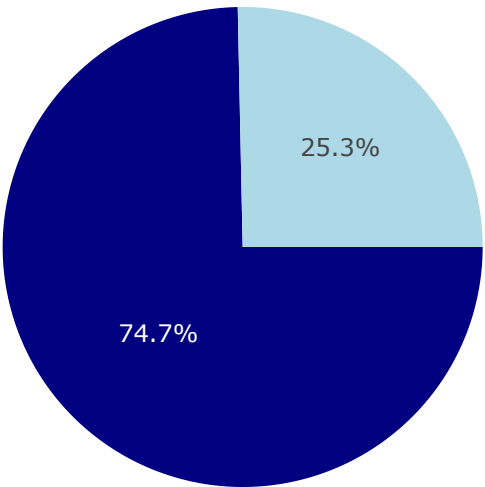
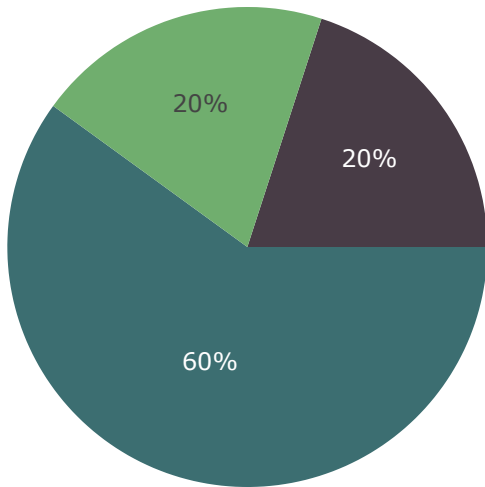
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.35	2.35
Site Return to Normal Depth (ft)	2.01	2.01
Time Activated	07/29/2023 11:15	07/29/2023 11:15
Time Returned to Normal	07/29/2023 15:30	07/29/2023 15:30



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.401
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	4.62
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



Aug2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

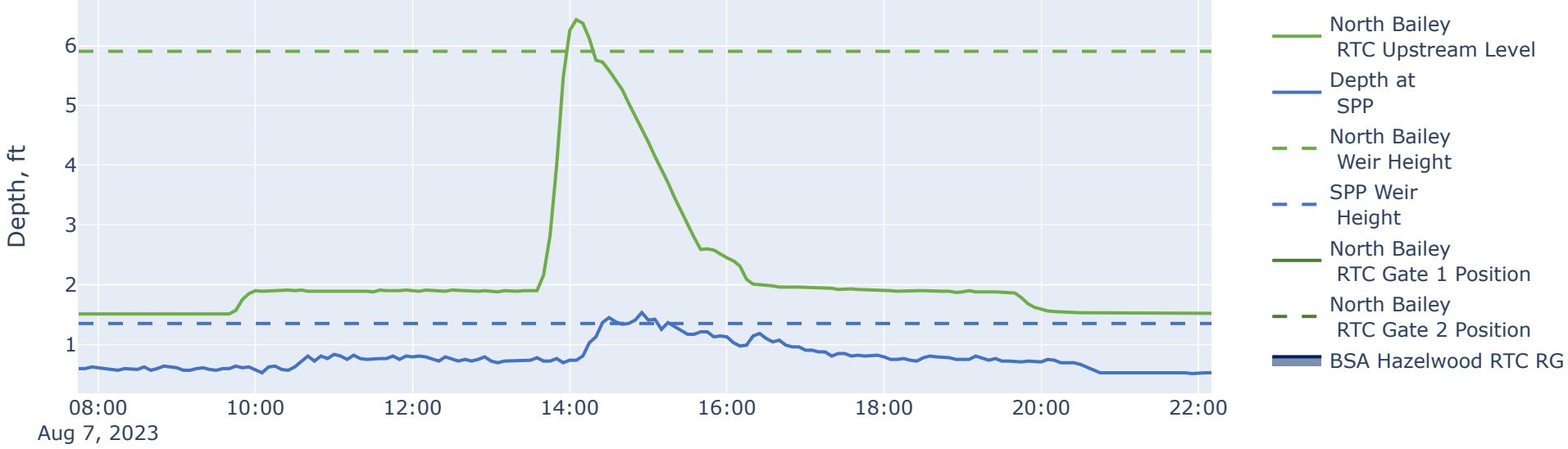
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	4	1.884	0.639	3.05

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
August 07, 2023	0.25	0.018	0.418	96	0.0	100	Good
August 10, 2023	0.56	0.008	0.413	98	0.0	100	Good
August 12, 2023	0.08	0.0	0.201	100	0.2	50	Good
August 17, 2023	0.69	0.283	0.422	60	0.0	100	Good
August 24, 2023	0.76	0.33	0.43	57	0.0	100	Good

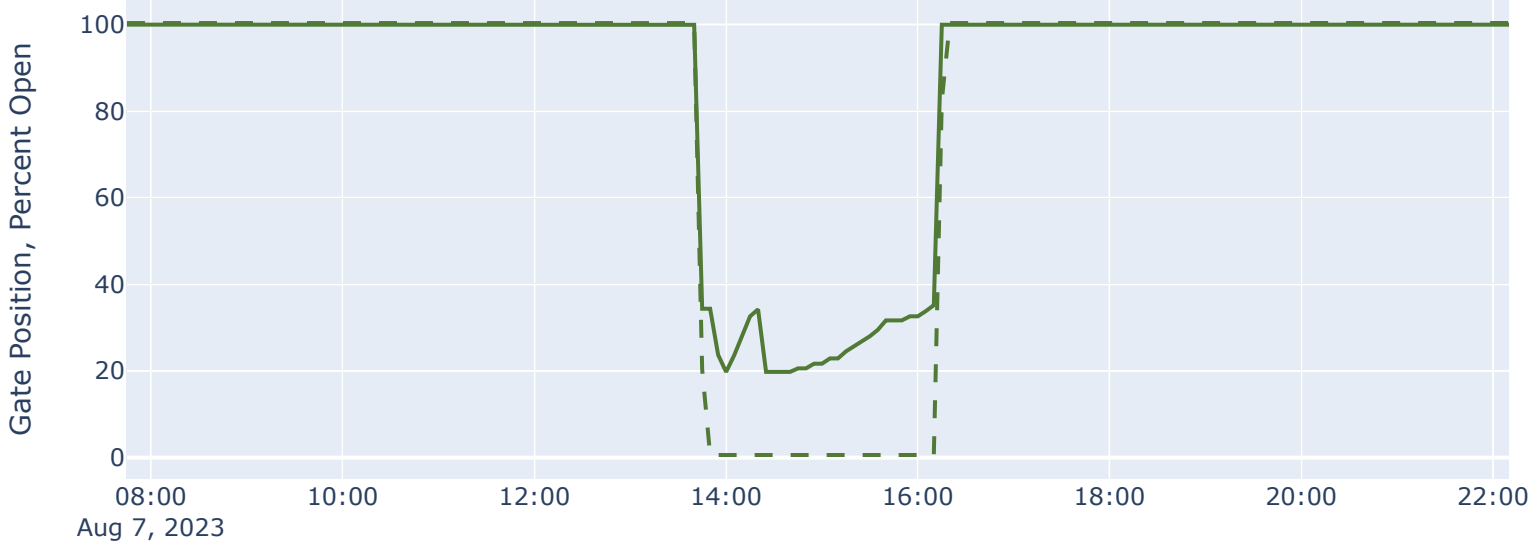
August 07, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	08/07/2023 07:45
Event End Date/Time	08/07/2023 22:10
Total Rainfall Accumulation (in)	0.25
Maximum Rainfall Intensity (in/hr)	1.2
Storm Event Duration (hr)	3.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

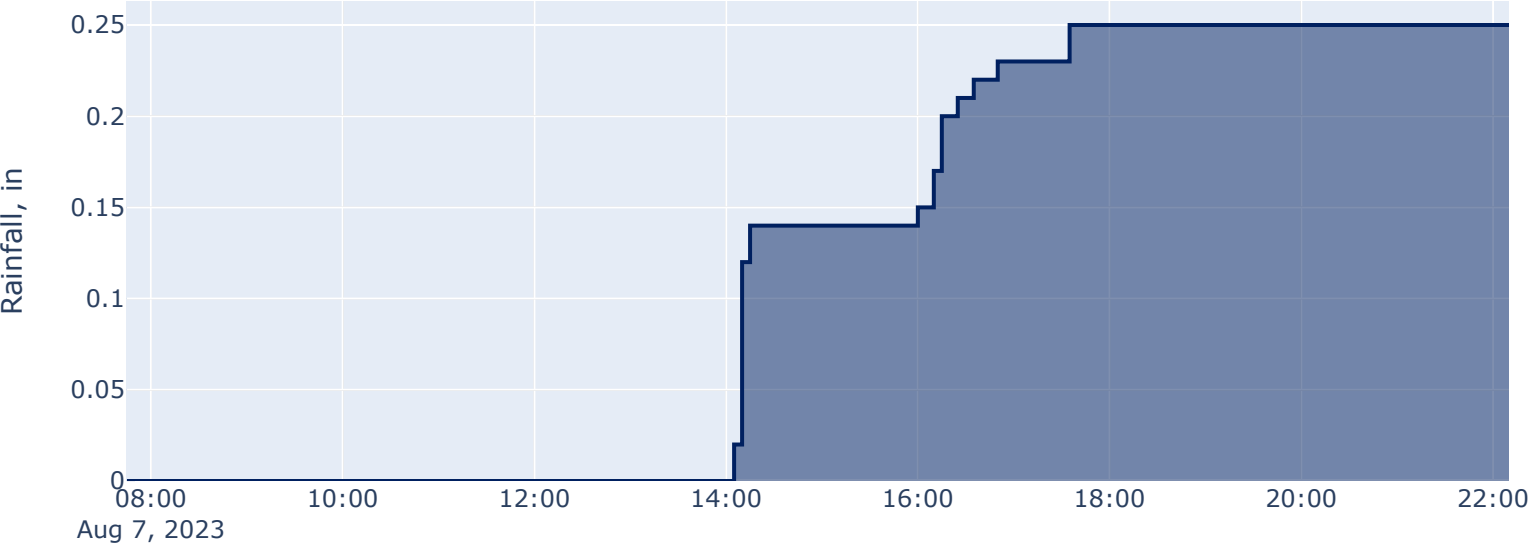
Overflow Data	Value
Overflow Volume Prevented (MG)	0.418
Percent Captured (%)	96
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.018
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.018
Overflow Duration (hr)	0.83



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.16	2.16
Site Return to Normal Depth (ft)	2.09	2.01
Time Activated	08/07/2023 13:40	08/07/2023 13:40
Time Returned to Normal	08/07/2023 16:15	08/07/2023 16:20



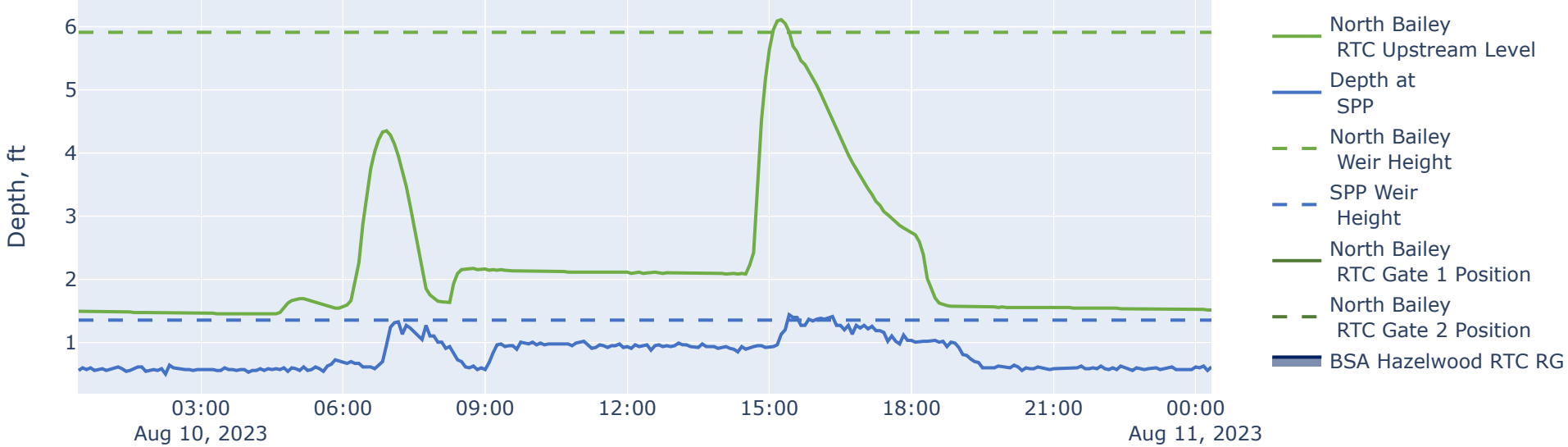
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.418
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.73
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



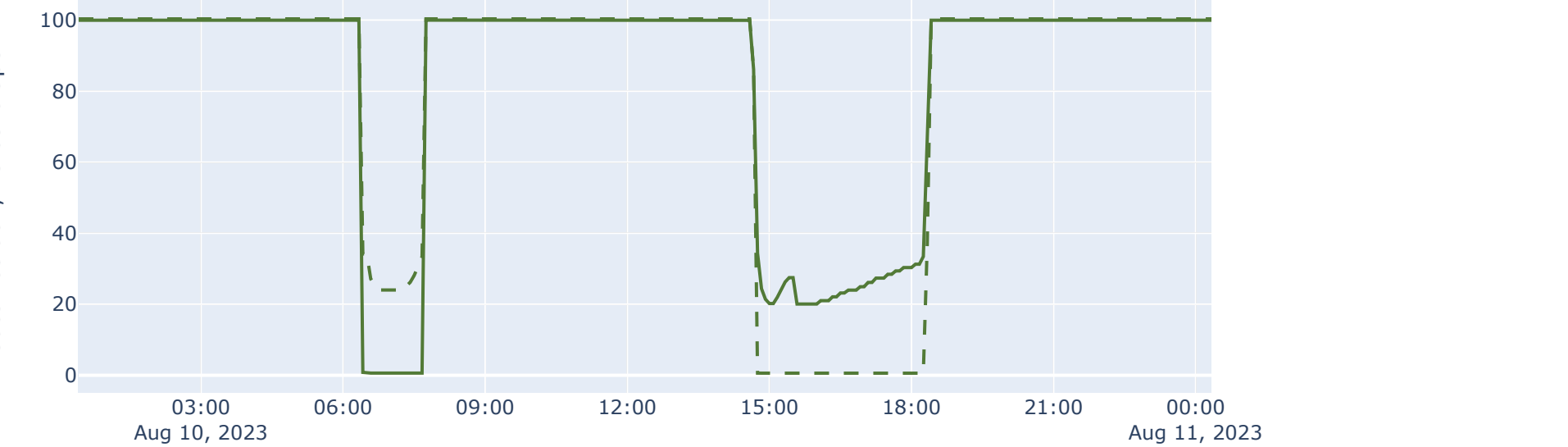
August 10, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	08/10/2023 00:25
Event End Date/Time	08/11/2023 00:20
Total Rainfall Accumulation (in)	0.56
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	1.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

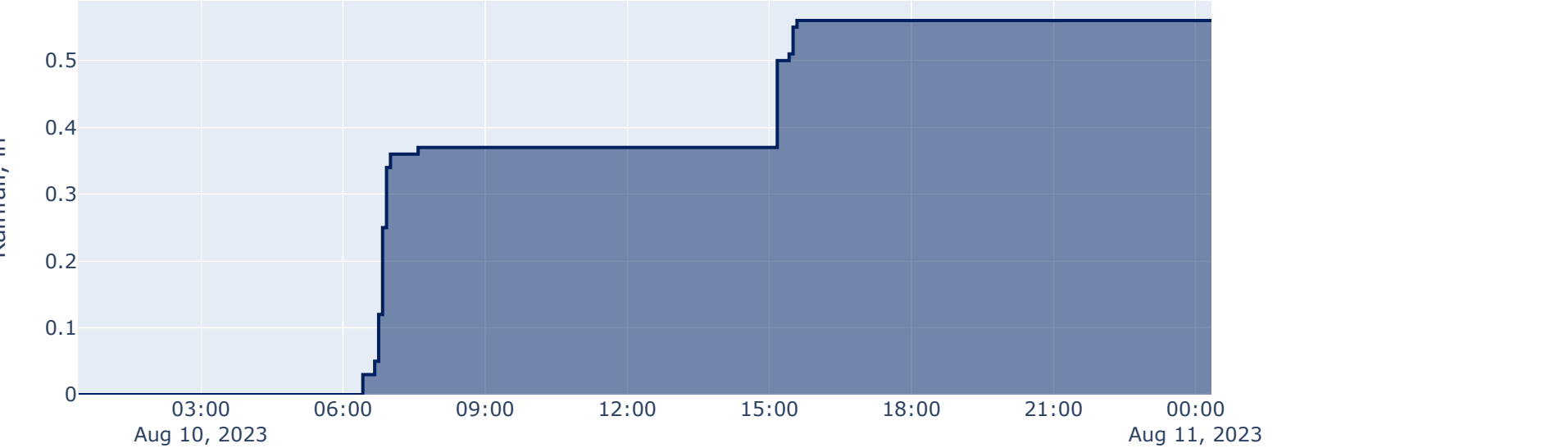
Overflow Data	Value
Overflow Volume Prevented (MG)	0.413
Percent Captured (%)	98
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.008
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.008
Overflow Duration (hr)	0.92



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.22	2.22
Site Return to Normal Depth (ft)	1.83	1.83
Time Activated	08/10/2023 06:20	08/10/2023 06:20
Time Returned to Normal	08/10/2023 18:25	08/10/2023 18:25



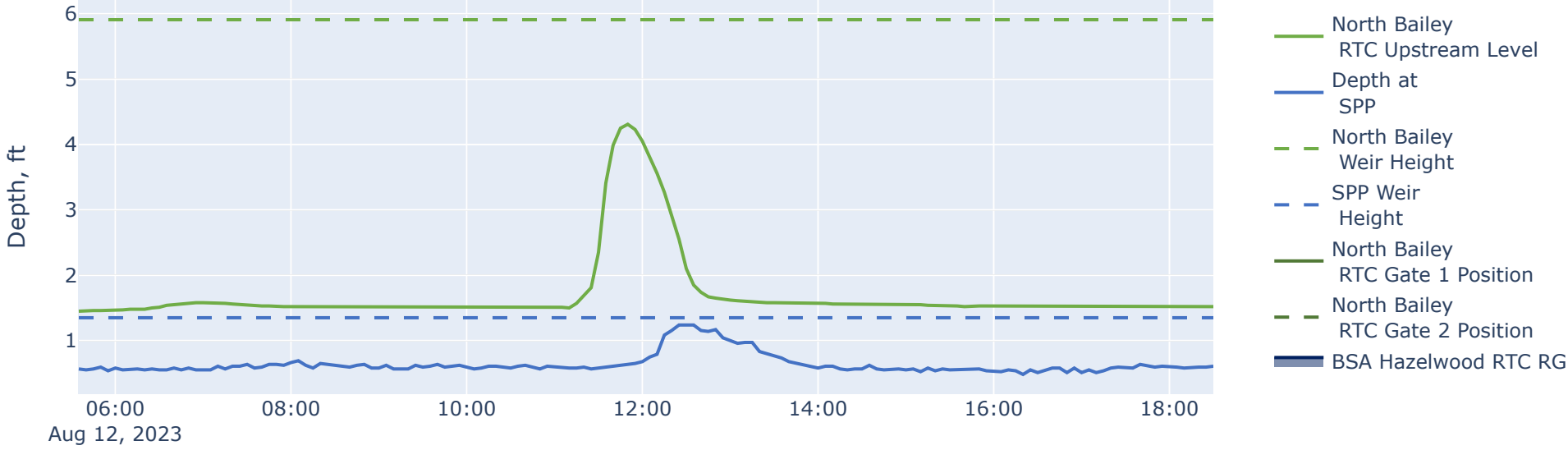
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.413
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.92
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



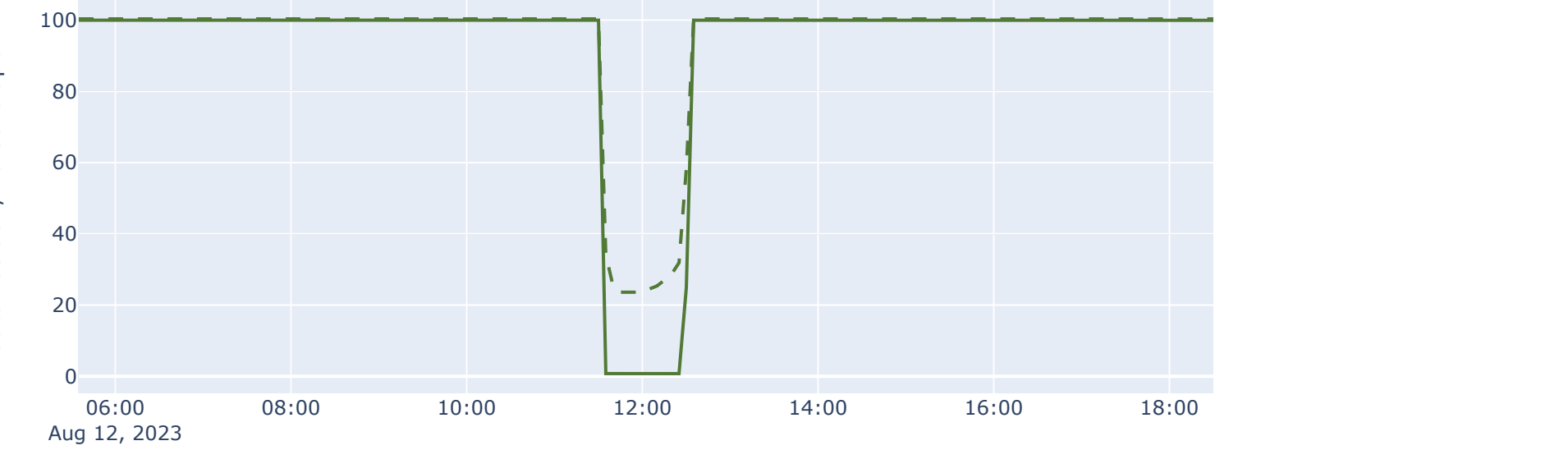
August 12, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	08/12/2023 05:35
Event End Date/Time	08/12/2023 18:30
Total Rainfall Accumulation (in)	0.08
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	5.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

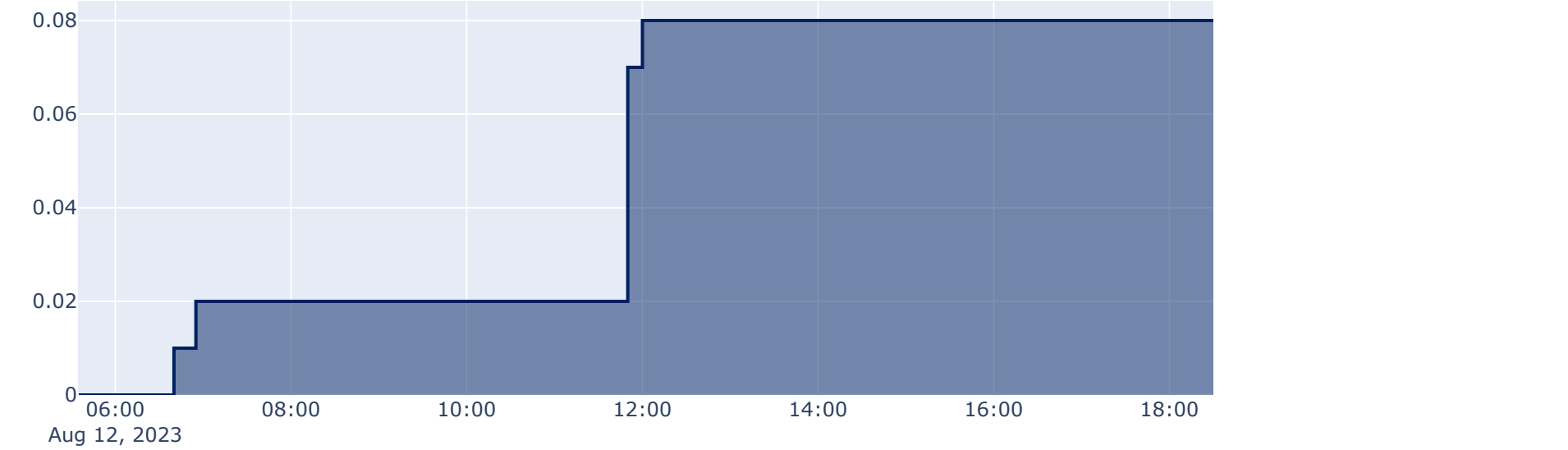
Overflow Data	Value
Overflow Volume Prevented (MG)	0.201
Percent Captured (%)	100
Unused Storage Volume (MG)	0.2
Overflow Before Storage Full	No
Storage Utilization (%)	50
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.35	2.35
Site Return to Normal Depth (ft)	1.85	1.85
Time Activated	08/12/2023 11:30	08/12/2023 11:30
Time Returned to Normal	08/12/2023 12:35	08/12/2023 12:35



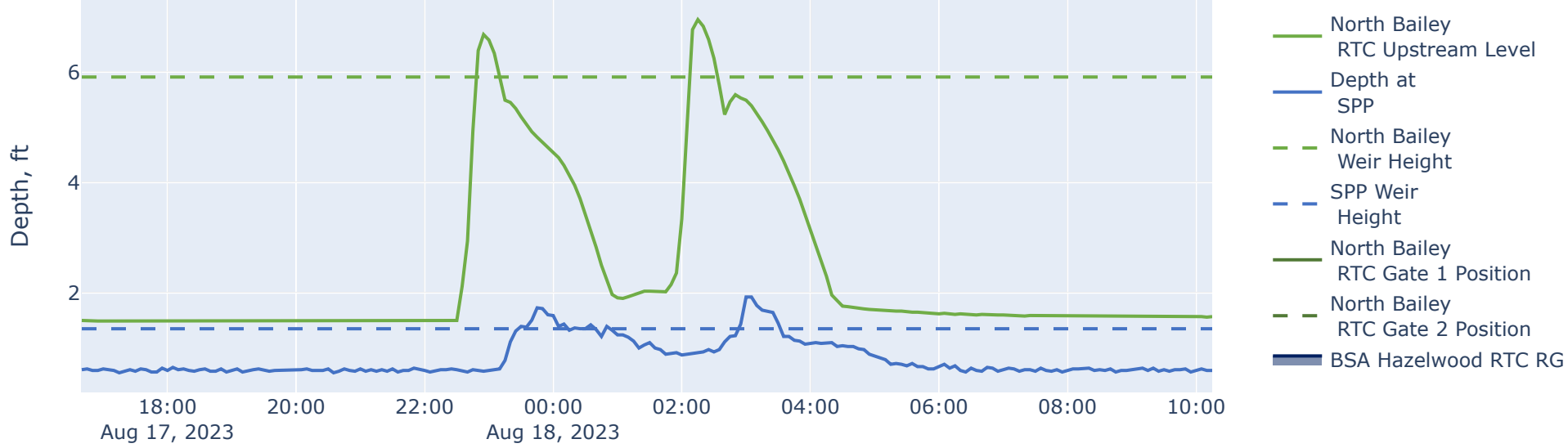
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	4.31
Volume Stored (MG)	0.201
Unused Storage Volume (MG)	0.2
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



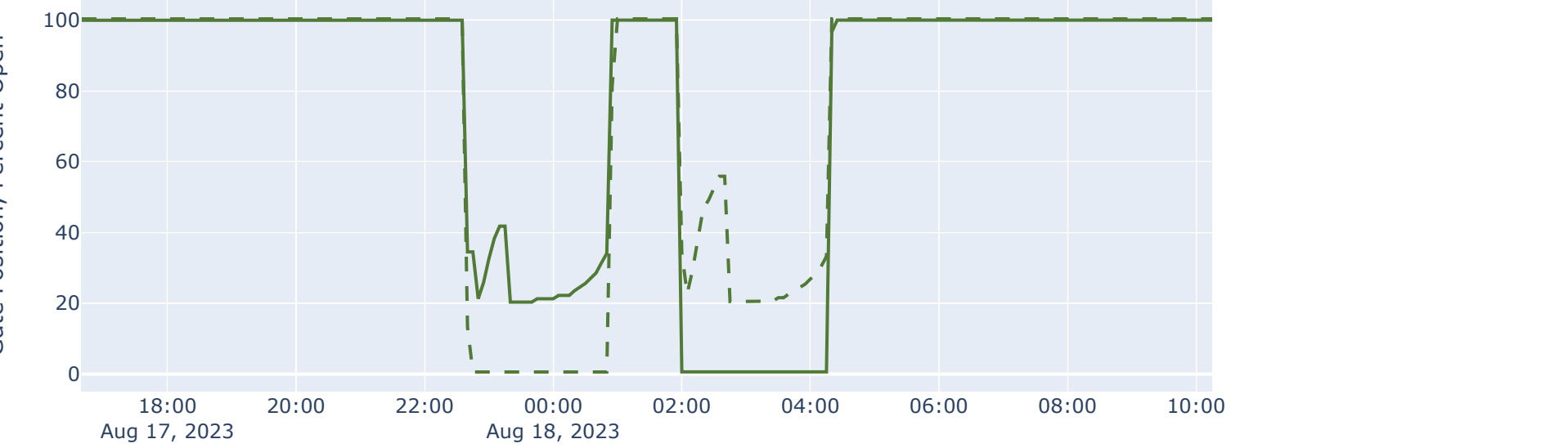
August 17, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	08/17/2023 16:40
Event End Date/Time	08/18/2023 10:15
Total Rainfall Accumulation (in)	0.69
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	3.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

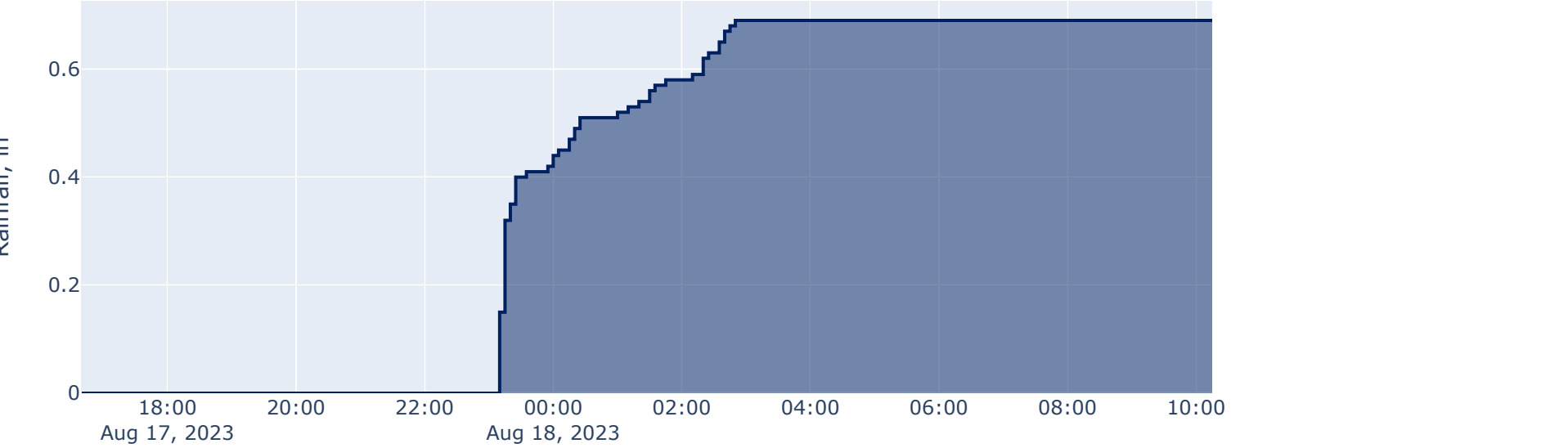
Overflow Data	Value
Overflow Volume Prevented (MG)	0.422
Percent Captured (%)	60
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.283
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.283
Overflow Duration (hr)	4.0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.12	2.12
Site Return to Normal Depth (ft)	1.85	1.96
Time Activated	08/17/2023 22:35	08/17/2023 22:35
Time Returned to Normal	08/18/2023 04:25	08/18/2023 04:20



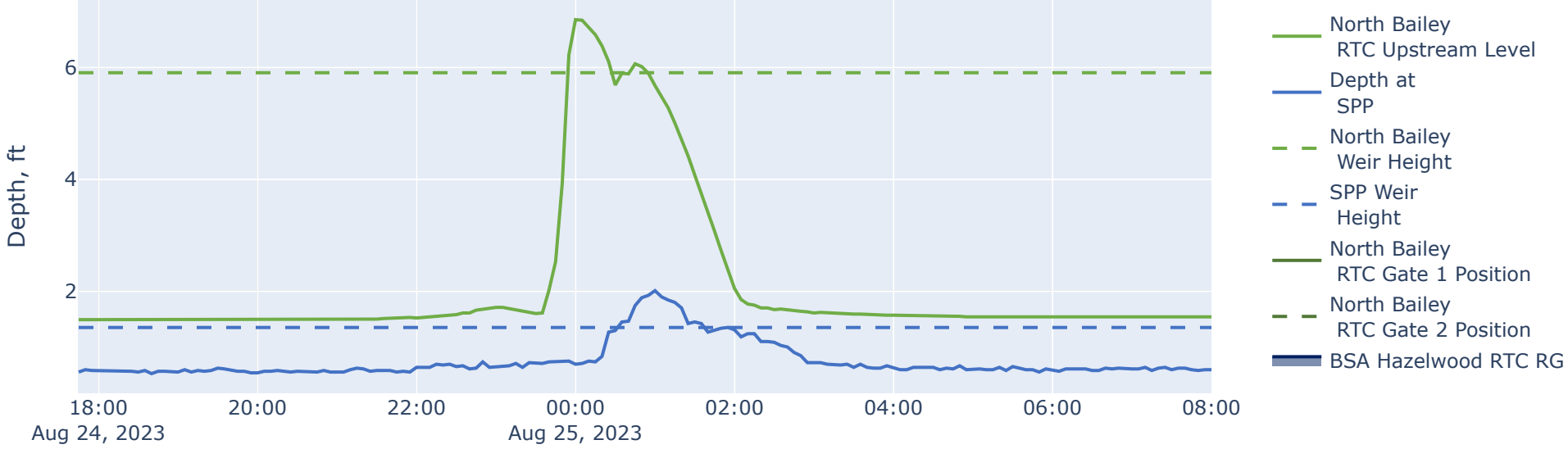
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.422
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.19
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



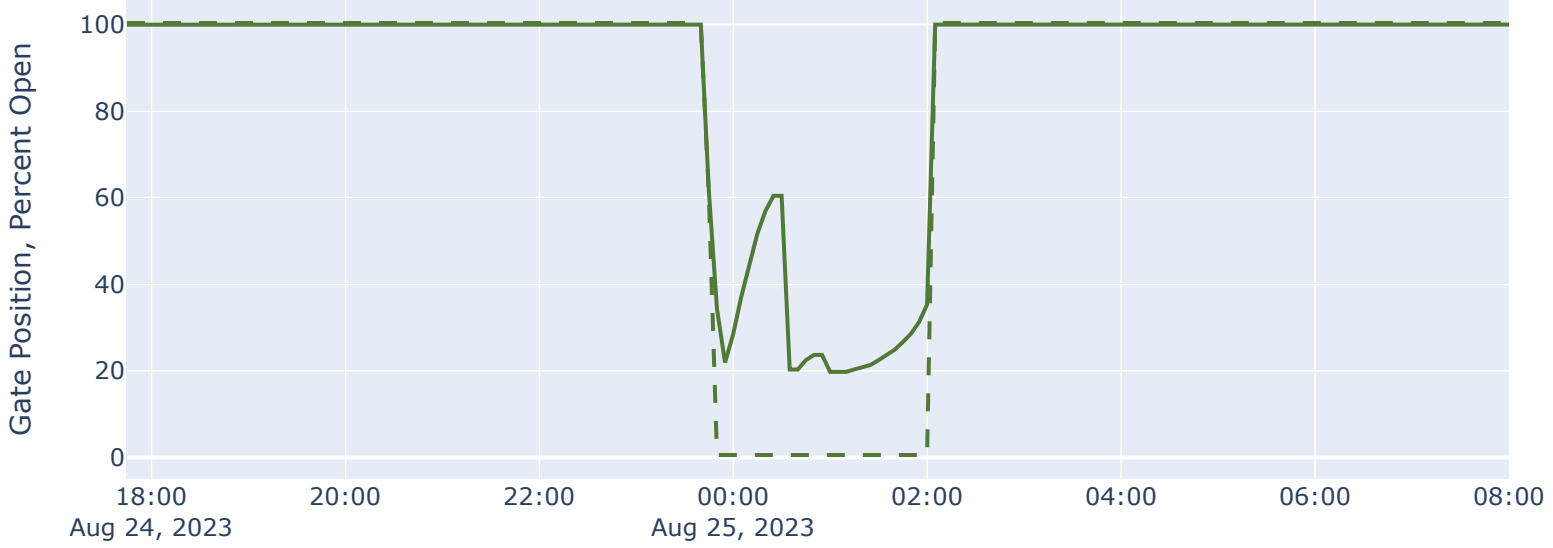
August 24, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	08/24/2023 17:45
Event End Date/Time	08/25/2023 08:00
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	1.68
Storm Event Duration (hr)	2.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

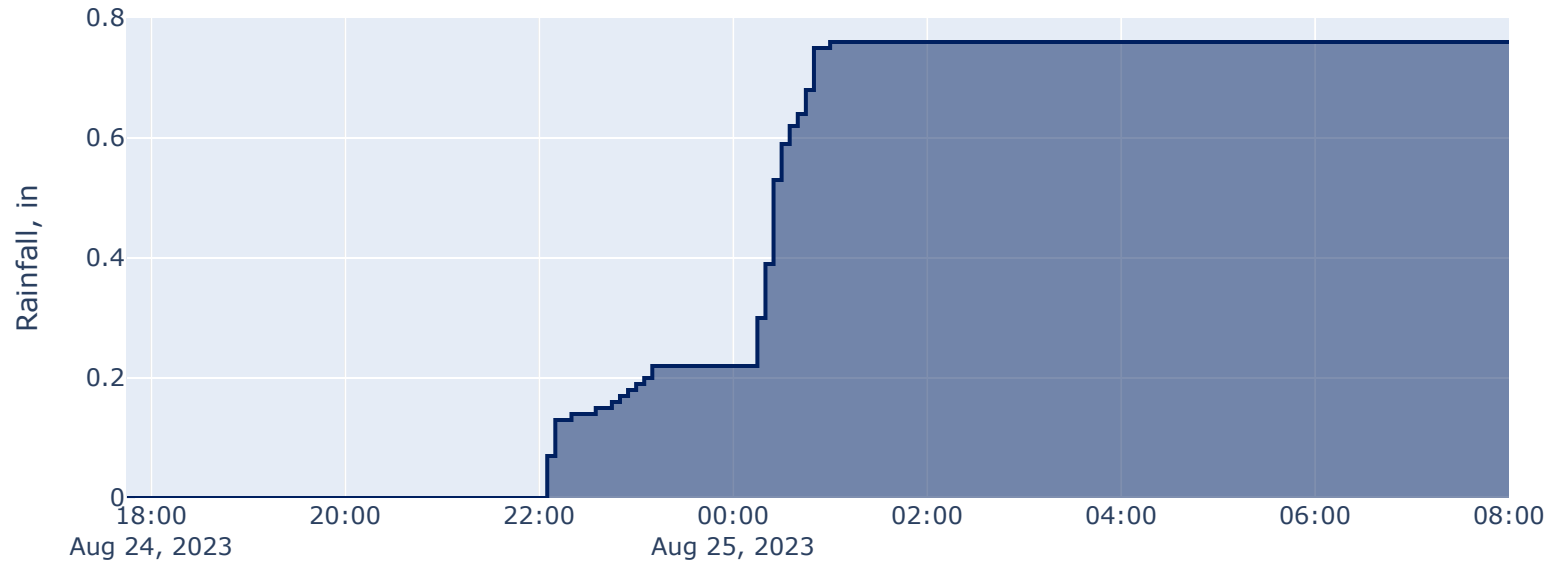
Overflow Data	Value
Overflow Volume Prevented (MG)	0.43
Percent Captured (%)	57
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.33
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.33
Overflow Duration (hr)	1.33



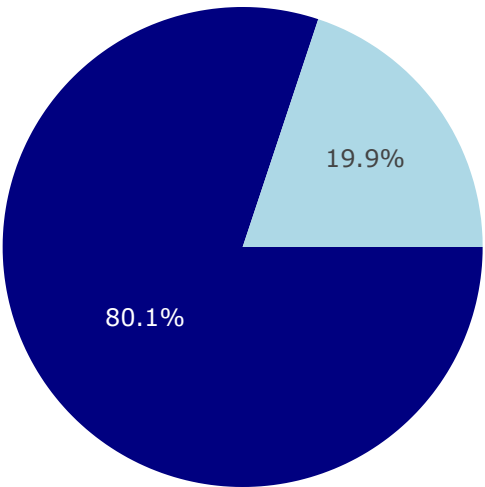
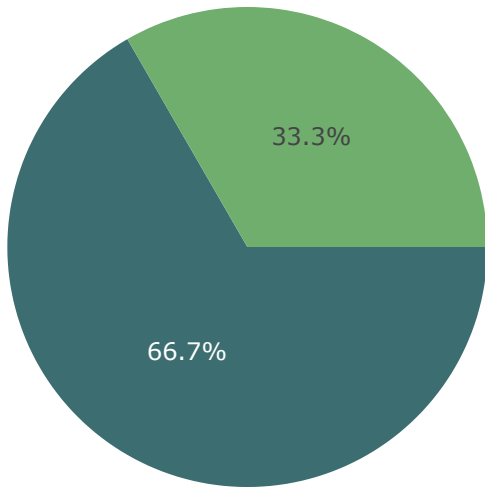
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.02	2.02
Site Return to Normal Depth (ft)	1.85	1.85
Time Activated	08/24/2023 23:40	08/24/2023 23:40
Time Returned to Normal	08/25/2023 02:05	08/25/2023 02:05



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.43
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.9
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



Sep2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

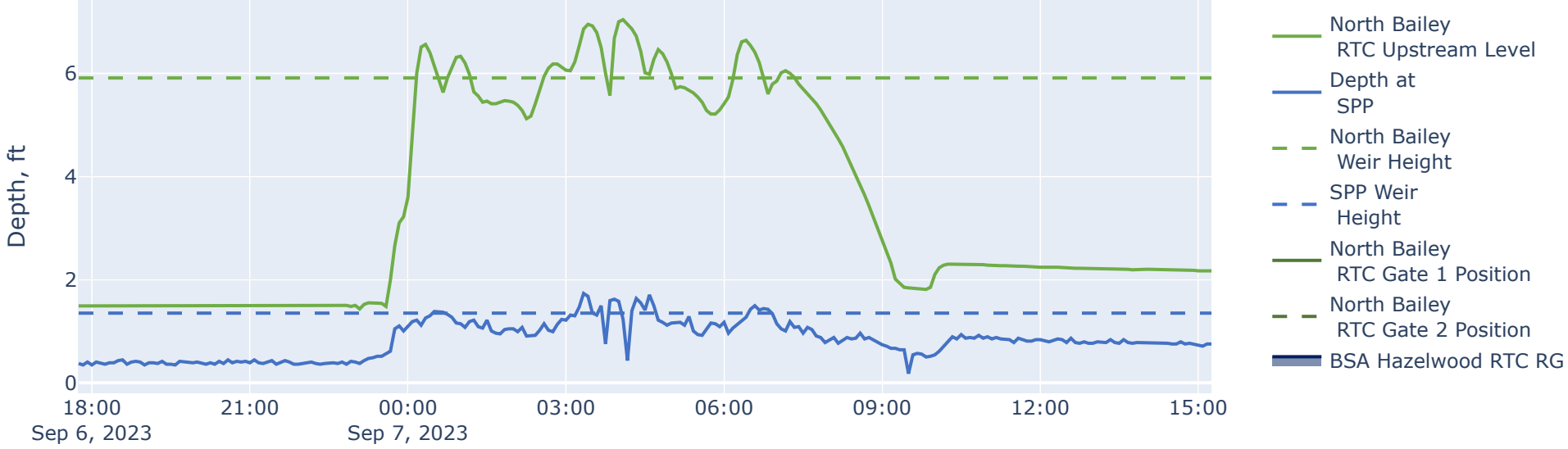
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	2	1.264	0.314	3.86

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
September 06, 2023	2.49	0.173	0.433	71	0.0	100	Good
September 12, 2023	0.59	0.141	0.452	76	0.0	100	Good
September 18, 2023	0.64	0.0	0.379	100	0.041	90	Good

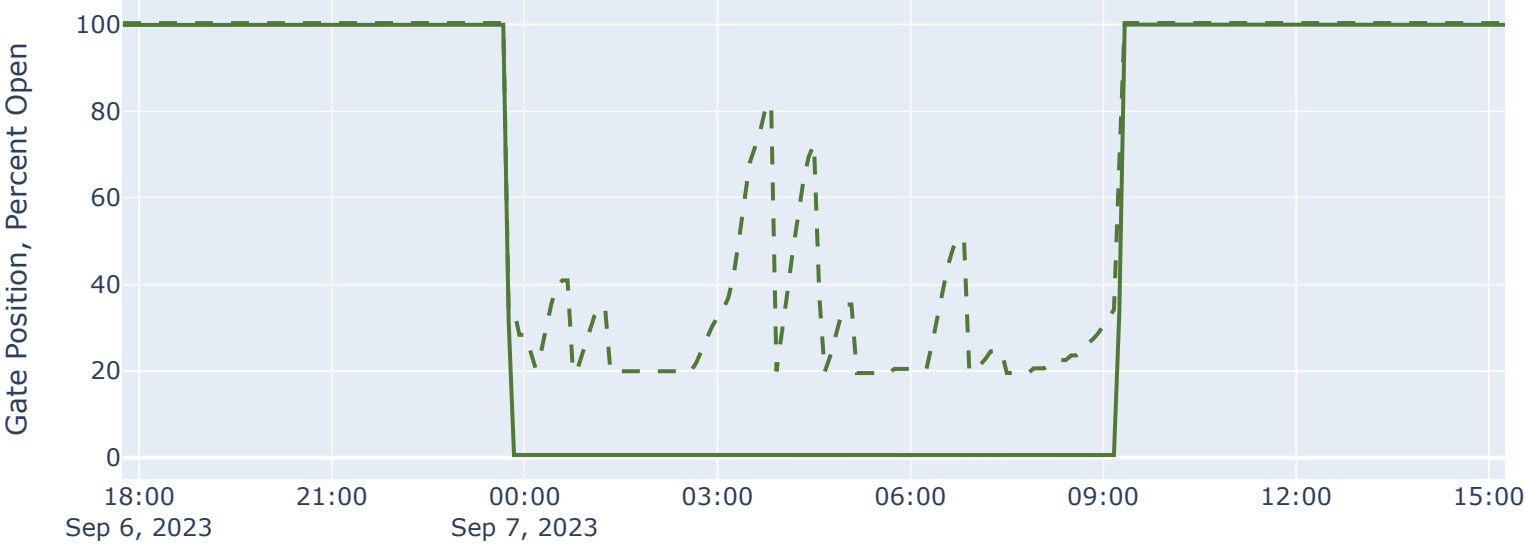
September 06, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	09/06/2023 17:45
Event End Date/Time	09/07/2023 15:15
Total Rainfall Accumulation (in)	2.49
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	8.5
Storm Type (NOAA Classification)	<10.0 year
Data Quality	Good
Data Issues	N/A

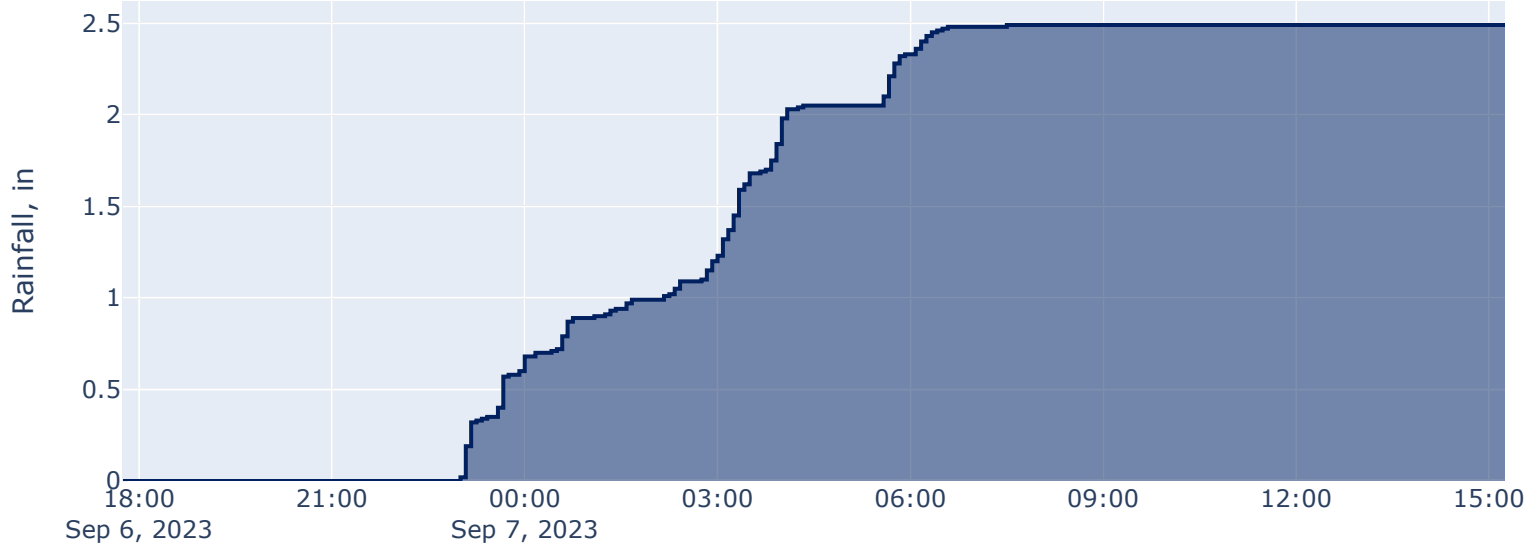
Overflow Data	Value
Overflow Volume Prevented (MG)	0.433
Percent Captured (%)	71
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.173
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.173
Overflow Duration (hr)	6.33



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.99	1.99
Site Return to Normal Depth (ft)	1.92	1.92
Time Activated	09/06/2023 23:40	09/06/2023 23:40
Time Returned to Normal	09/07/2023 09:20	09/07/2023 09:20



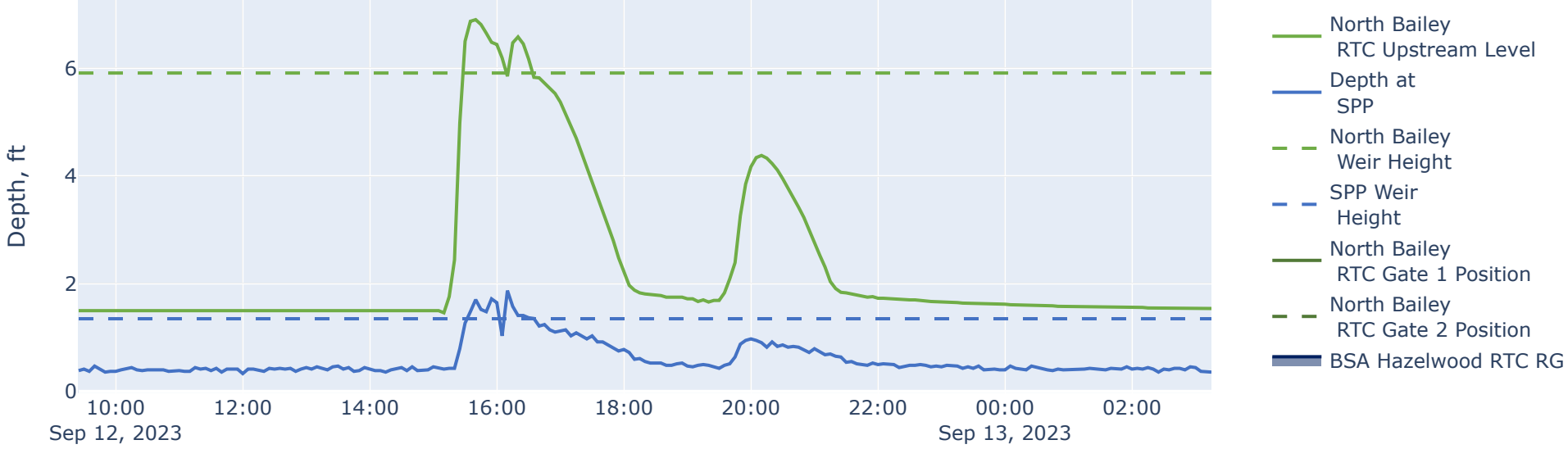
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.433
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.15
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



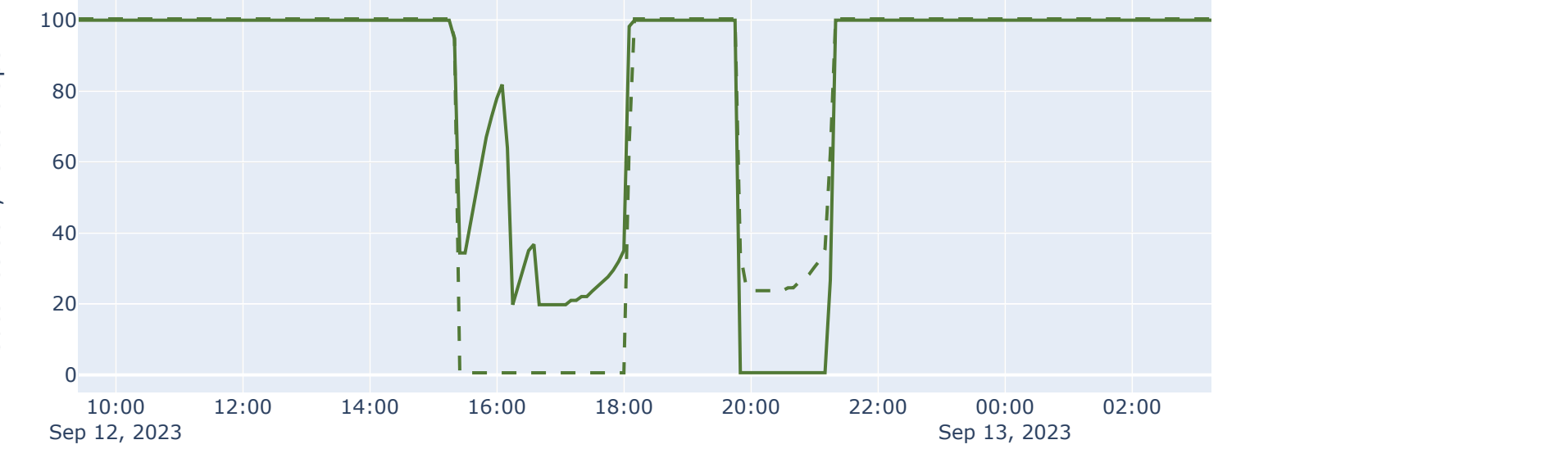
September 12, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	09/12/2023 09:25
Event End Date/Time	09/13/2023 03:15
Total Rainfall Accumulation (in)	0.59
Maximum Rainfall Intensity (in/hr)	2.28
Storm Event Duration (hr)	8.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

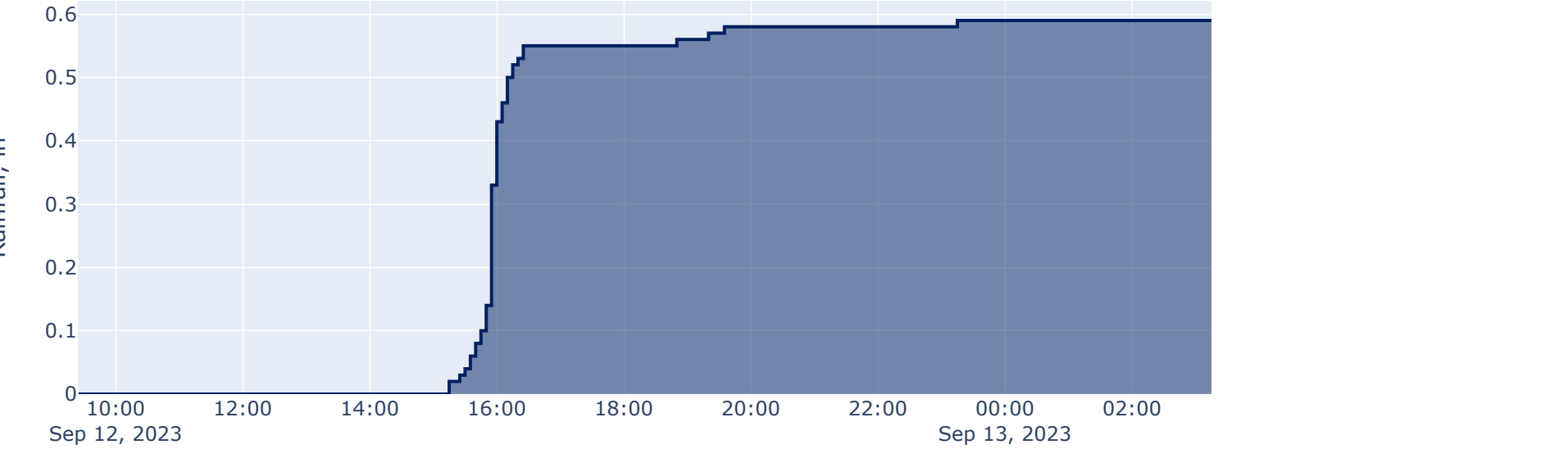
Overflow Data	Value
Overflow Volume Prevented (MG)	0.452
Percent Captured (%)	76
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.141
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.141
Overflow Duration (hr)	1.0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.76	1.76
Site Return to Normal Depth (ft)	1.91	1.91
Time Activated	09/12/2023 15:15	09/12/2023 15:15
Time Returned to Normal	09/12/2023 21:20	09/12/2023 21:20



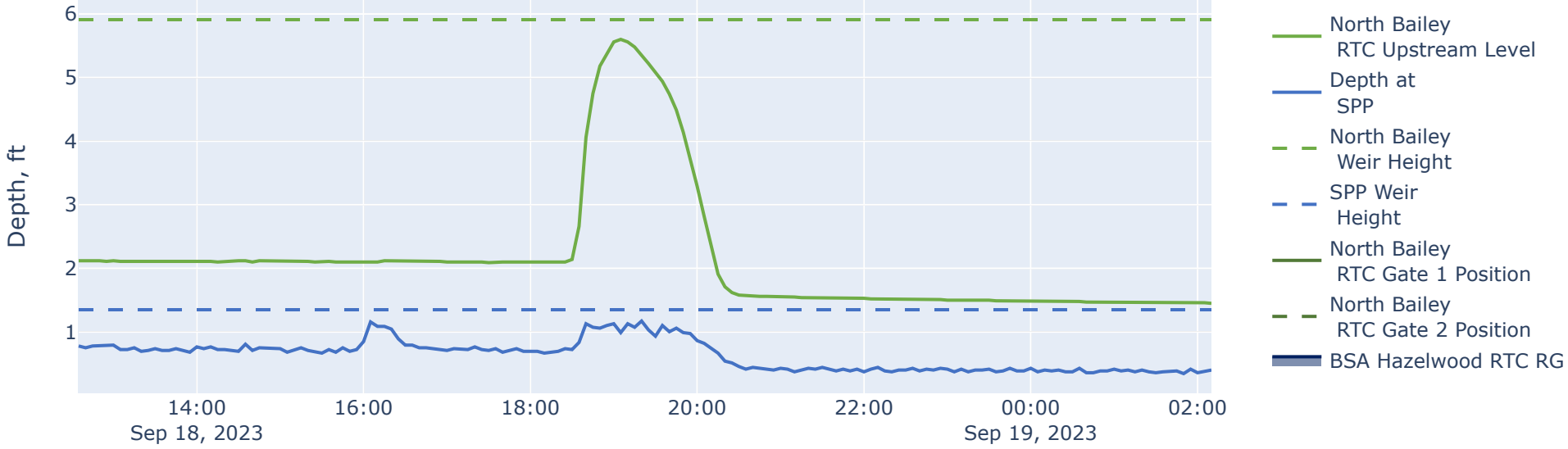
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.452
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.87
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



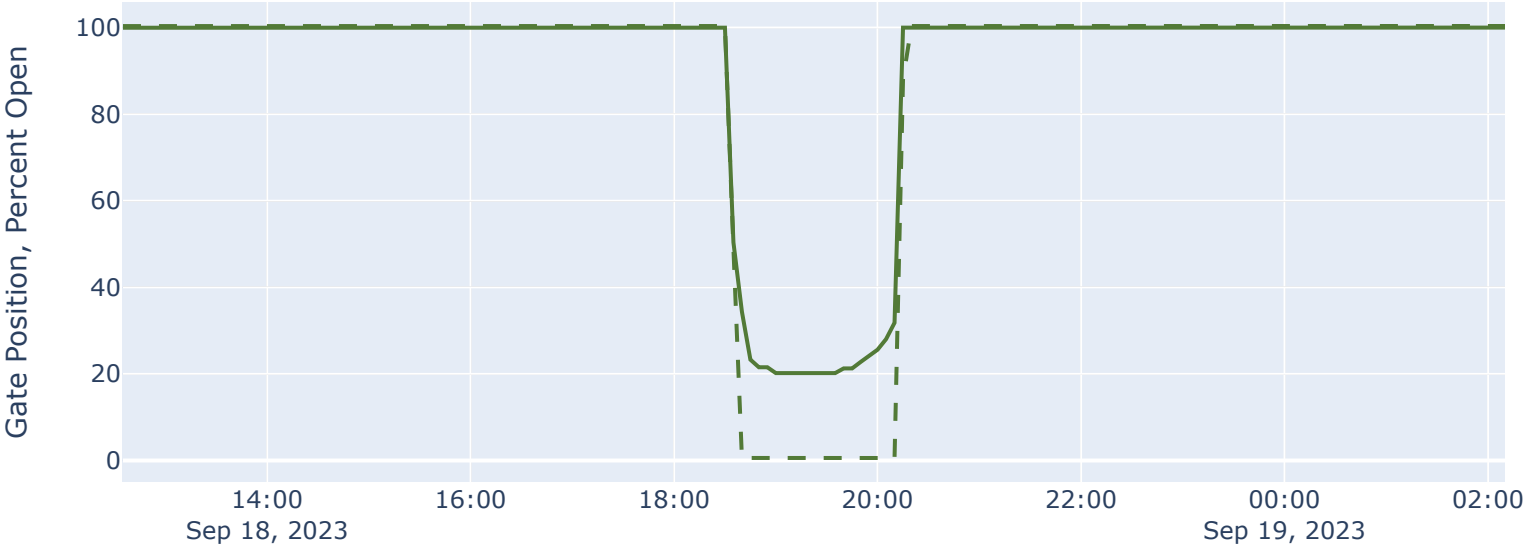
September 18, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	09/18/2023 12:35
Event End Date/Time	09/19/2023 02:10
Total Rainfall Accumulation (in)	0.64
Maximum Rainfall Intensity (in/hr)	3.36
Storm Event Duration (hr)	4.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

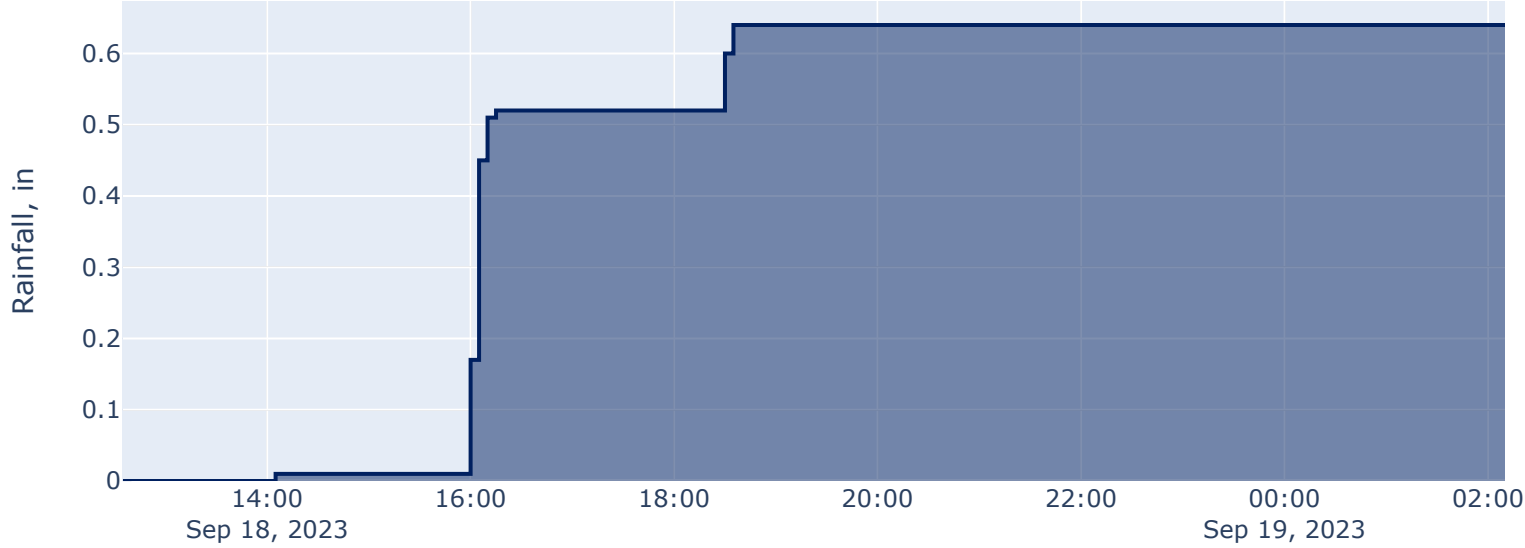
Overflow Data	Value
Overflow Volume Prevented (MG)	0.379
Percent Captured (%)	100
Unused Storage Volume (MG)	0.041
Overflow Before Storage Full	No
Storage Utilization (%)	90
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



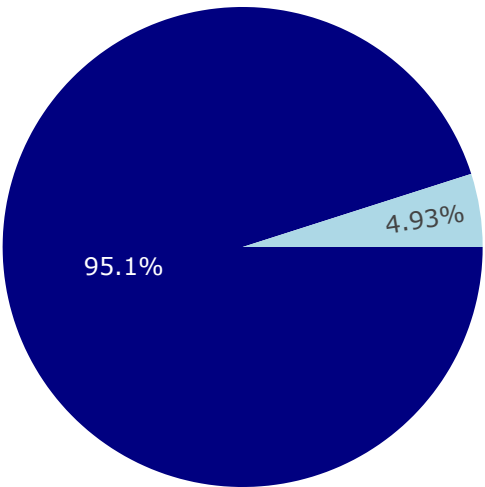
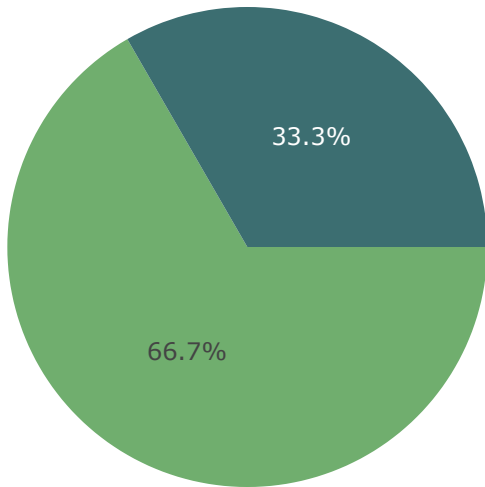
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.14	2.14
Site Return to Normal Depth (ft)	1.91	1.71
Time Activated	09/18/2023 18:30	09/18/2023 18:30
Time Returned to Normal	09/18/2023 20:15	09/18/2023 20:20



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.6
Volume Stored (MG)	0.379
Unused Storage Volume (MG)	0.041
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Oct2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- Storage Utilized Before SPP Activation Occurred
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

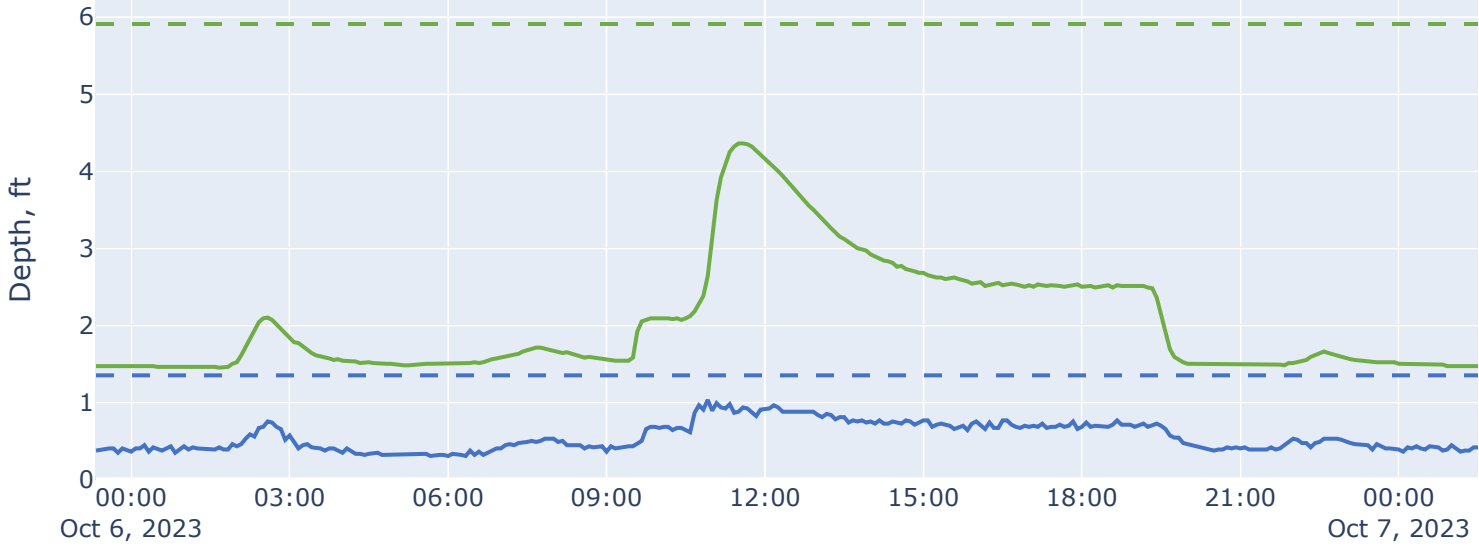
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
2	1	1.003	0.052	4.35

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
October 05, 2023	0.59	0.0	0.204	100	0.195	51	Good
October 10, 2023	1.46	0.052	0.401	89	0.0	100	Good
October 29, 2023	0.77	0.0	0.398	100	0.0	100	Good

October 05, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

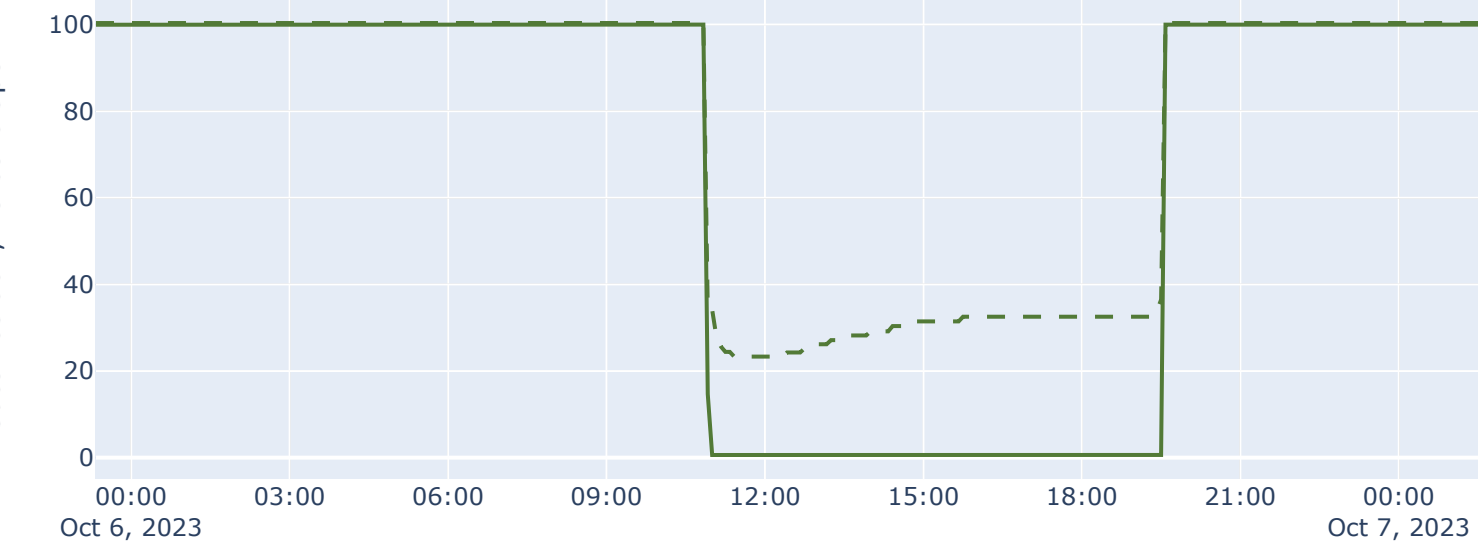
Event Data	Value
Event Start Date/Time	10/05/2023 23:20
Event End Date/Time	10/07/2023 01:30
Total Rainfall Accumulation (in)	0.59
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	12.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.204
Percent Captured (%)	100
Unused Storage Volume (MG)	0.195
Overflow Before Storage Full	No
Storage Utilization (%)	51
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

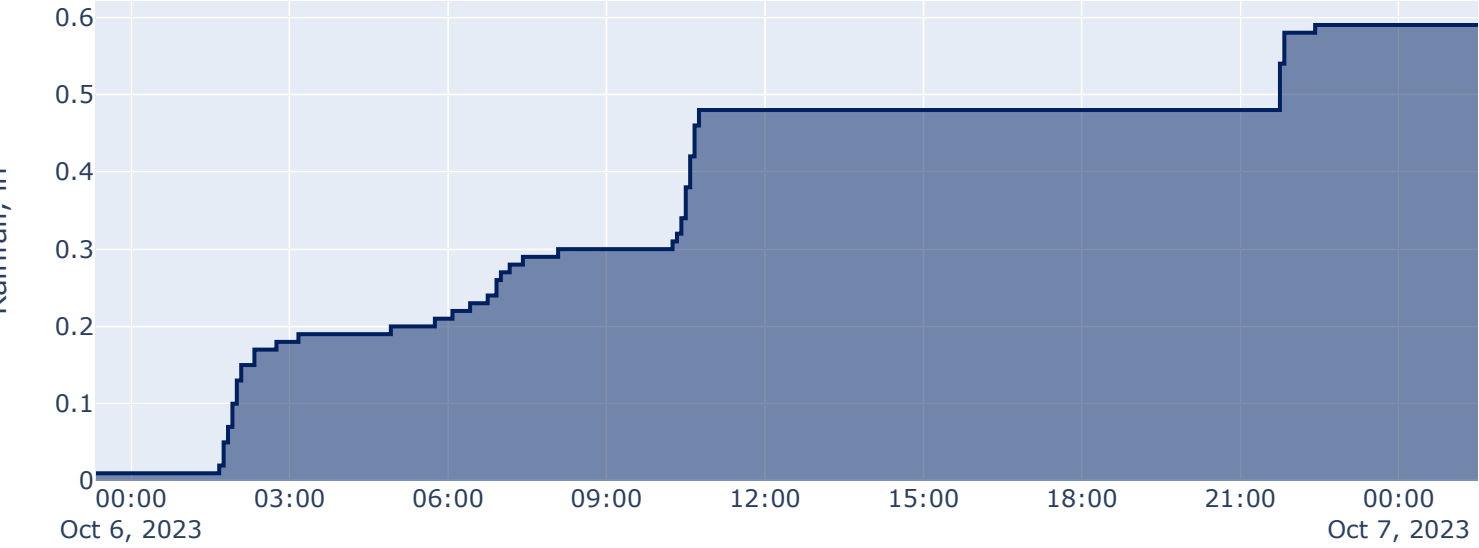


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.38	2.38
Site Return to Normal Depth (ft)	1.85	1.85
Time Activated	10/06/2023 10:50	10/06/2023 10:50
Time Returned to Normal	10/06/2023 19:35	10/06/2023 19:35



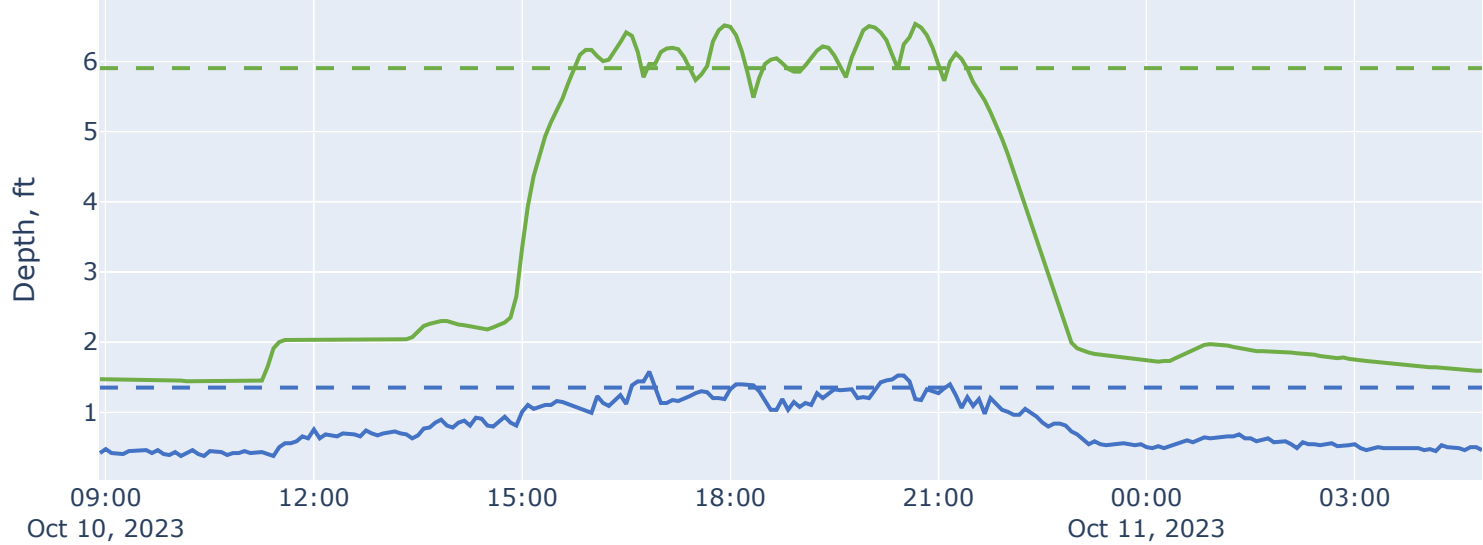
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	4.36
Volume Stored (MG)	0.204
Unused Storage Volume (MG)	0.195
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



October 10, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

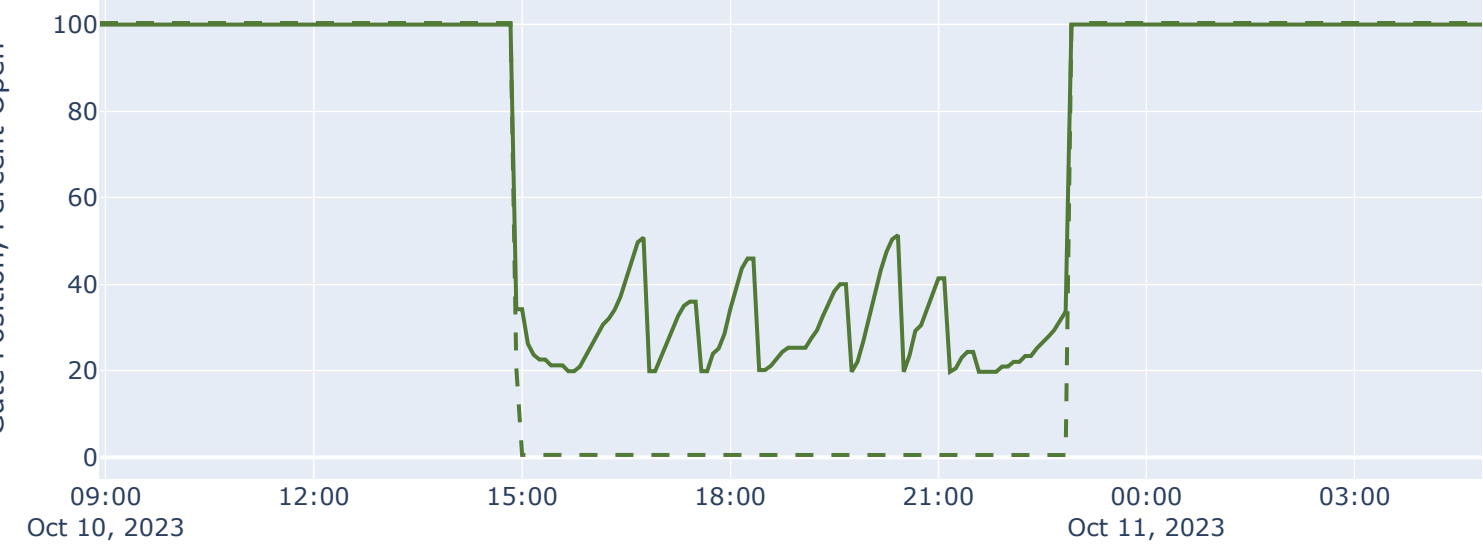
Event Data	Value
Event Start Date/Time	10/10/2023 08:55
Event End Date/Time	10/11/2023 04:50
Total Rainfall Accumulation (in)	1.46
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	16.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.401
Percent Captured (%)	89
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.052
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.052
Overflow Duration (hr)	4.58

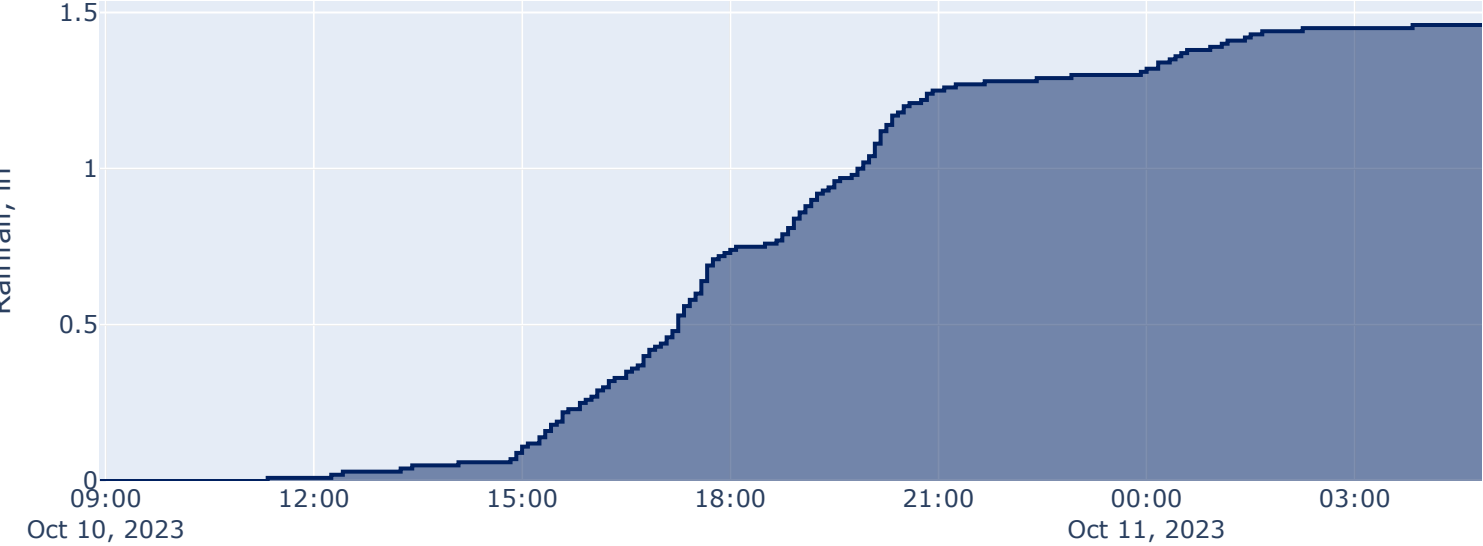


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.35	2.35
Site Return to Normal Depth (ft)	1.99	1.99
Time Activated	10/10/2023 14:50	10/10/2023 14:50
Time Returned to Normal	10/10/2023 22:55	10/10/2023 22:55



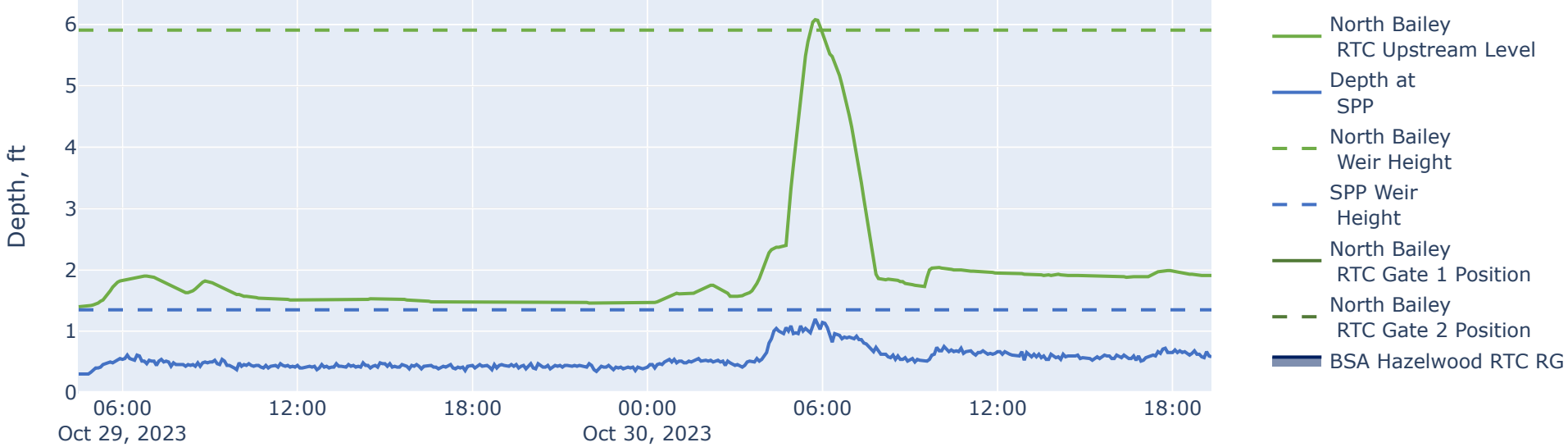
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.401
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.37
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



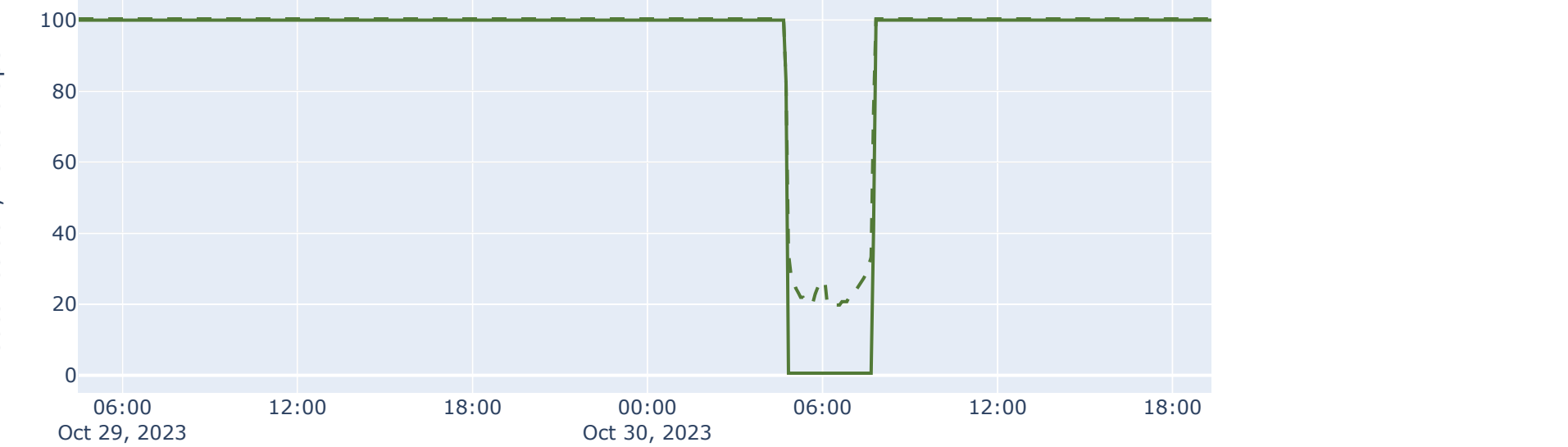
October 29, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	10/29/2023 04:30
Event End Date/Time	10/30/2023 19:20
Total Rainfall Accumulation (in)	0.77
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	19.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

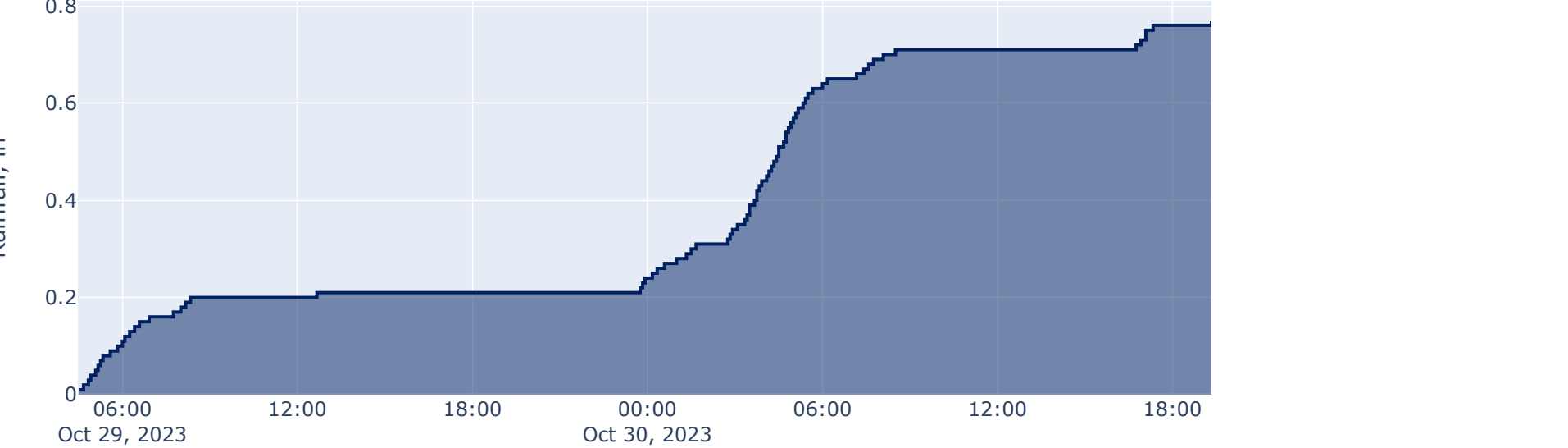
Overflow Data	Value
Overflow Volume Prevented (MG)	0.398
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



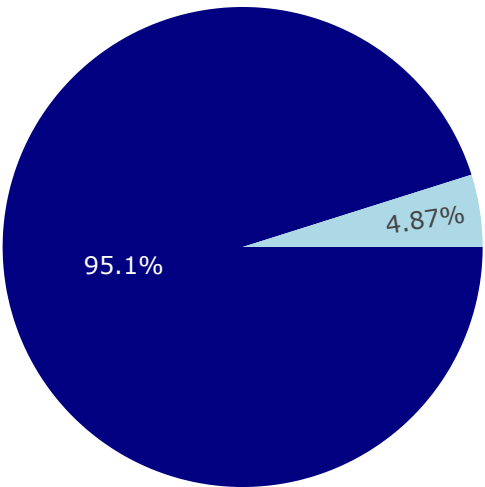
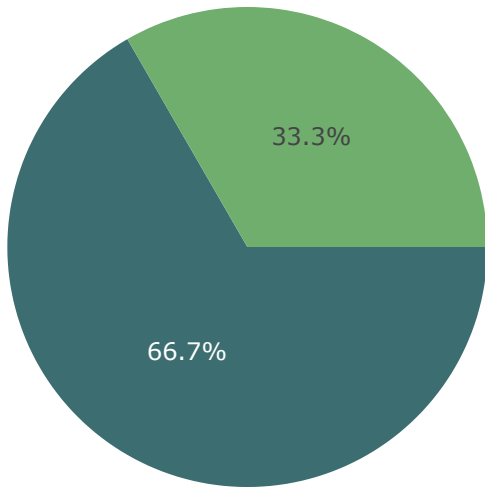
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.39	2.39
Site Return to Normal Depth (ft)	1.93	1.93
Time Activated	10/30/2023 04:40	10/30/2023 04:40
Time Returned to Normal	10/30/2023 07:50	10/30/2023 07:50



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.398
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Nov2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- Storage Utilized Before SPP Activation Occurred
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

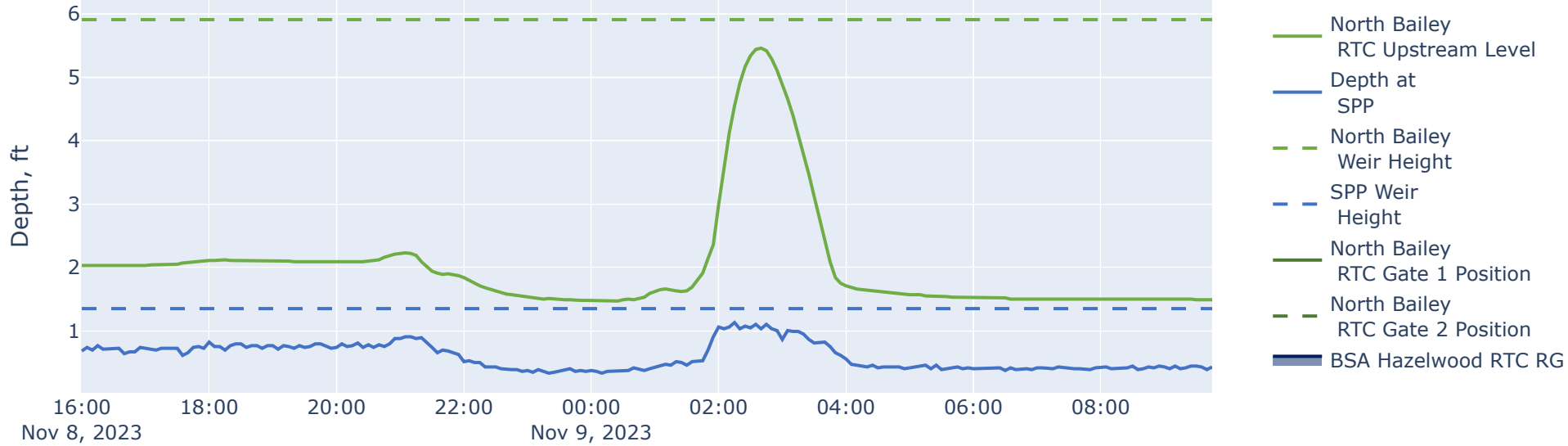
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	2	1.152	0.059	3.43

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
November 08, 2023	0.36	0.0	0.341	100	0.06	85	Good
November 17, 2023	0.98	0.052	0.412	89	0.0	100	Good
November 21, 2023	1.47	0.007	0.399	98	0.0	100	Good

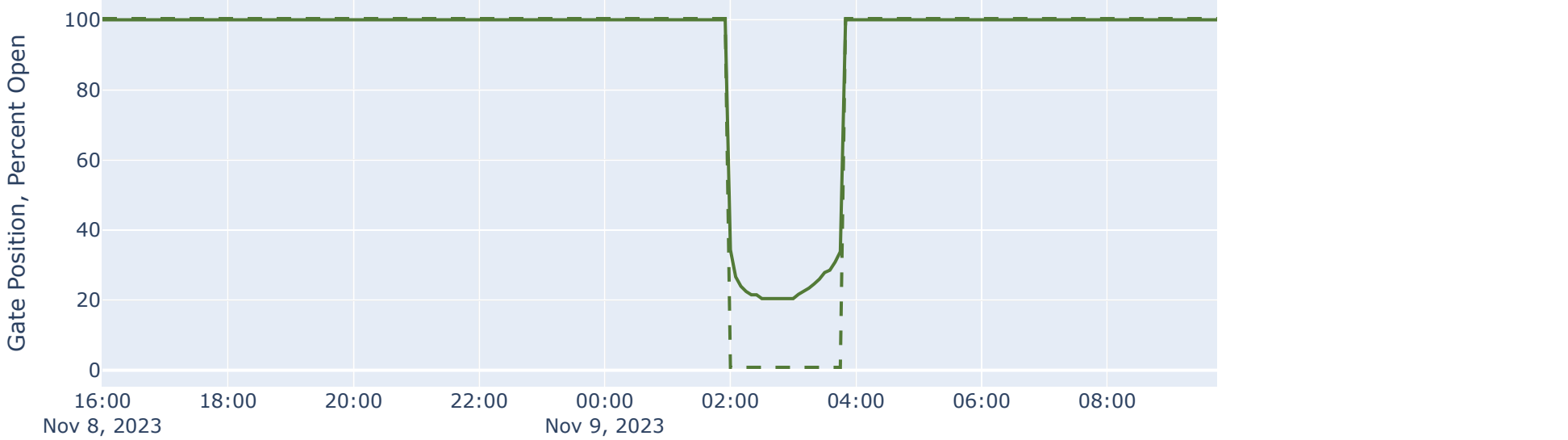
November 08, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	11/08/2023 16:00
Event End Date/Time	11/09/2023 09:45
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	11.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

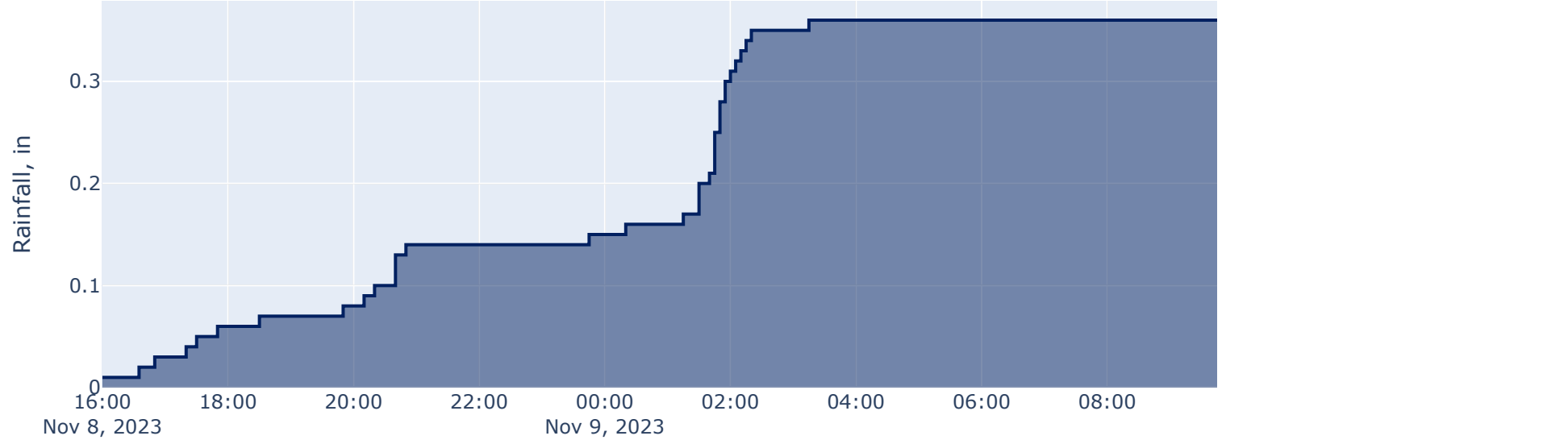
Overflow Data	Value
Overflow Volume Prevented (MG)	0.341
Percent Captured (%)	100
Unused Storage Volume (MG)	0.06
Overflow Before Storage Full	No
Storage Utilization (%)	85
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.36	2.36
Site Return to Normal Depth (ft)	1.84	1.84
Time Activated	11/09/2023 01:55	11/09/2023 01:55
Time Returned to Normal	11/09/2023 03:50	11/09/2023 03:50



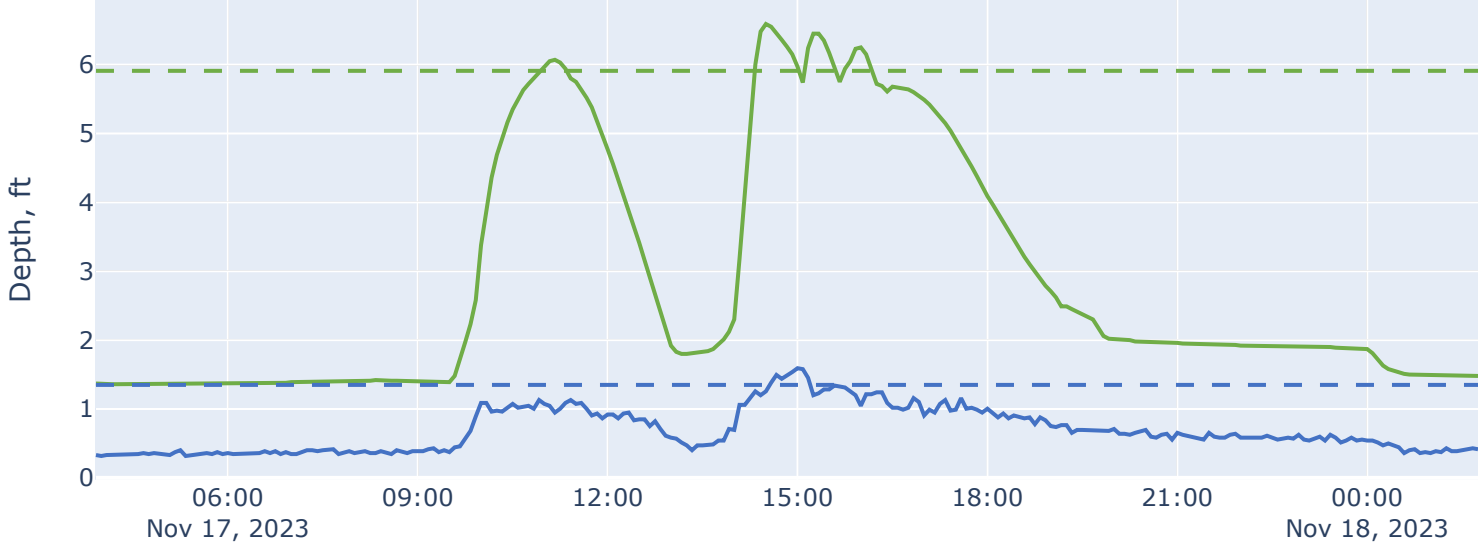
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.46
Volume Stored (MG)	0.341
Unused Storage Volume (MG)	0.06
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



November 17, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

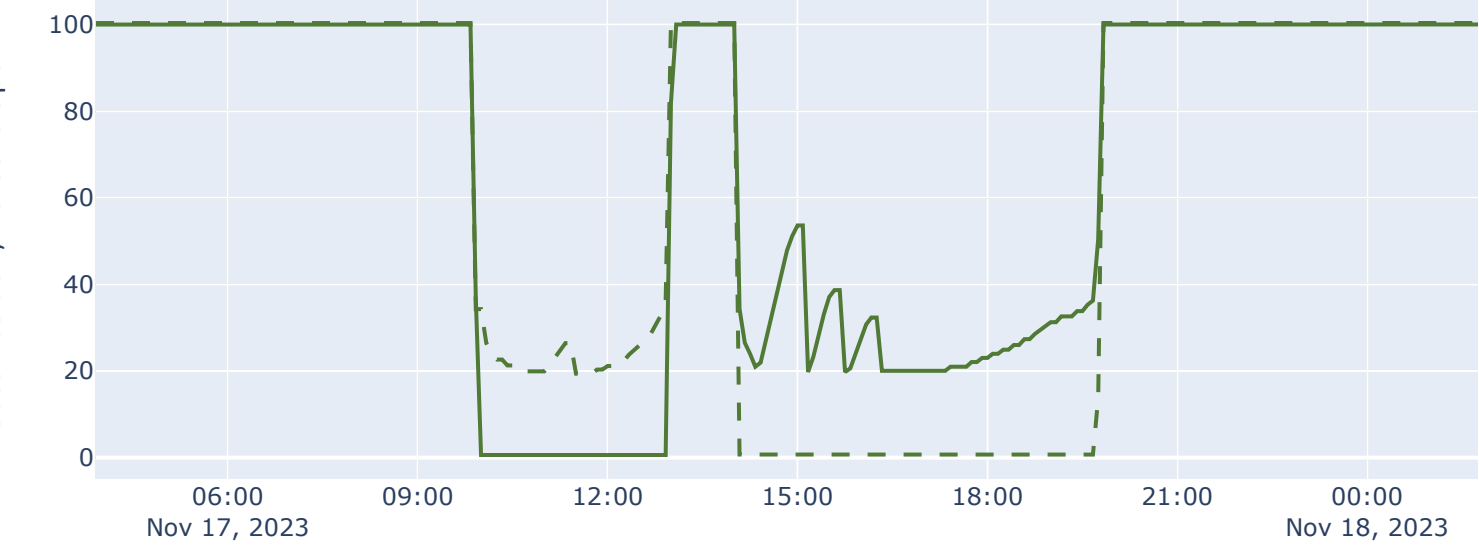
Event Data	Value
Event Start Date/Time	11/17/2023 03:55
Event End Date/Time	11/18/2023 01:45
Total Rainfall Accumulation (in)	0.98
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	7.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.412
Percent Captured (%)	89
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.052
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.052
Overflow Duration (hr)	0.58

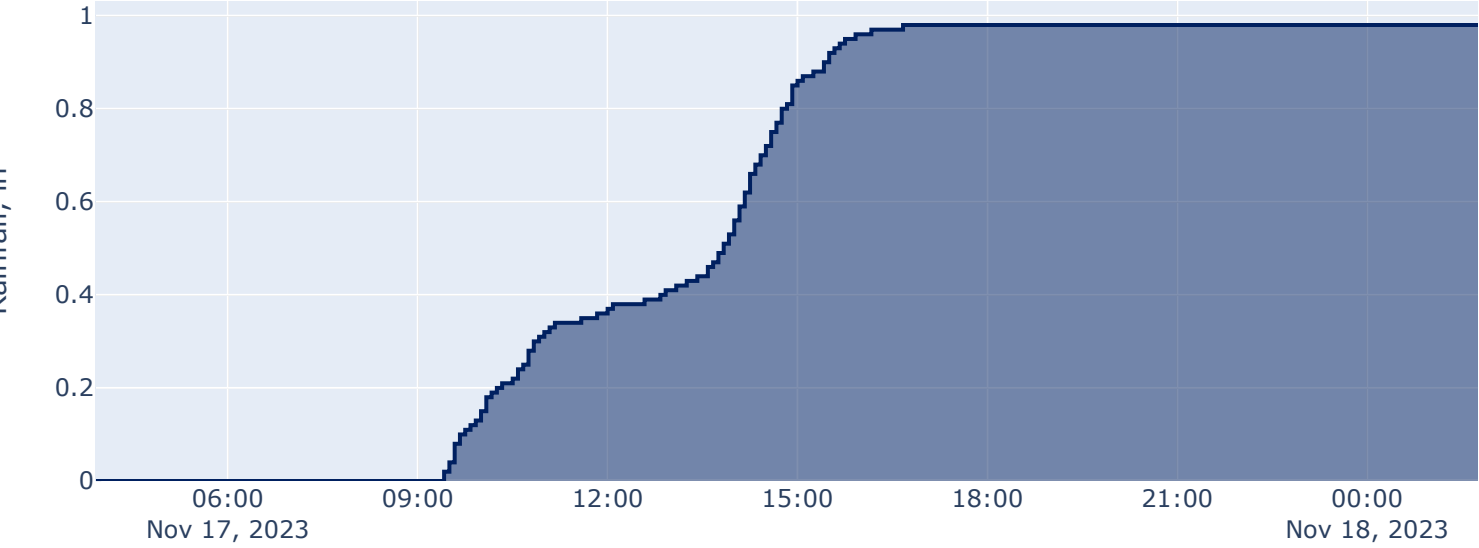


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.23	2.23
Site Return to Normal Depth (ft)	2.06	2.06
Time Activated	11/17/2023 09:50	11/17/2023 09:50
Time Returned to Normal	11/17/2023 19:50	11/17/2023 19:50



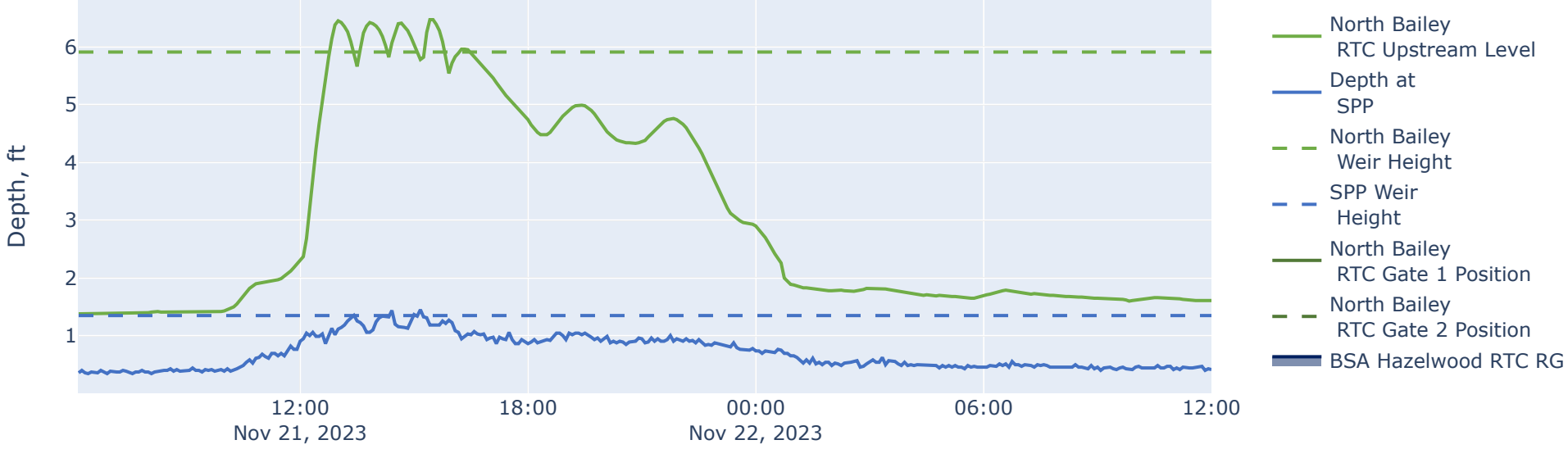
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.412
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.55
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



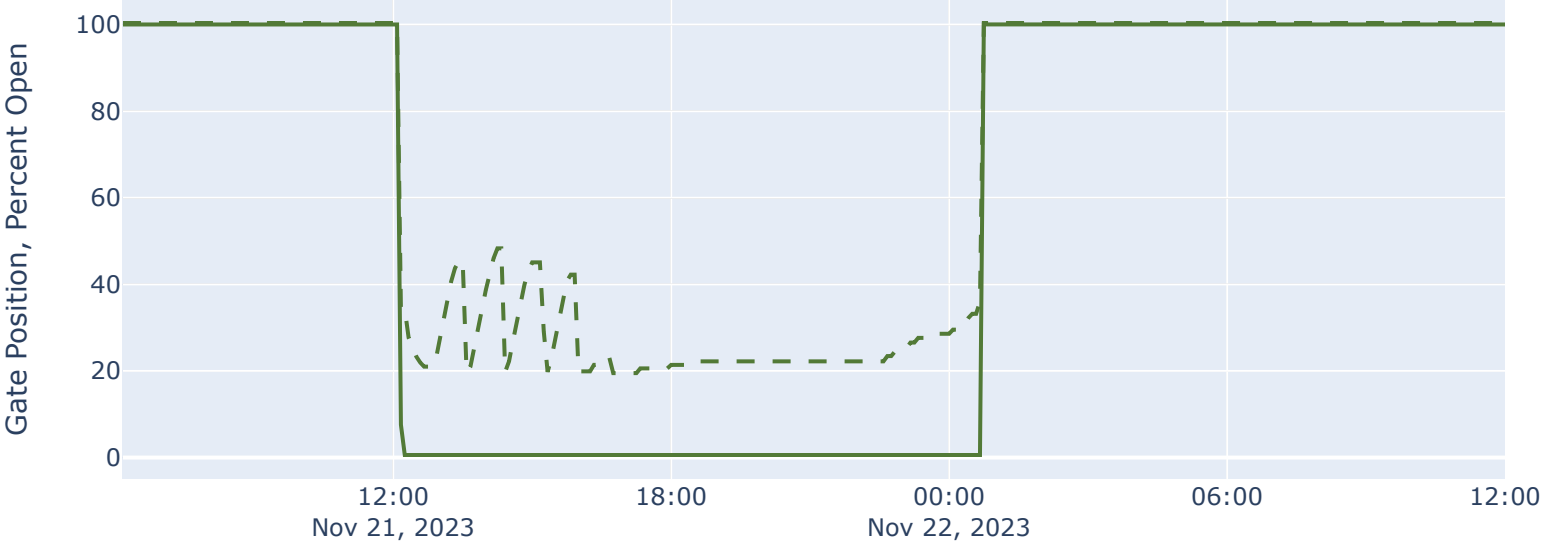
November 21, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	11/21/2023 06:10
Event End Date/Time	11/22/2023 12:00
Total Rainfall Accumulation (in)	1.47
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	26.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

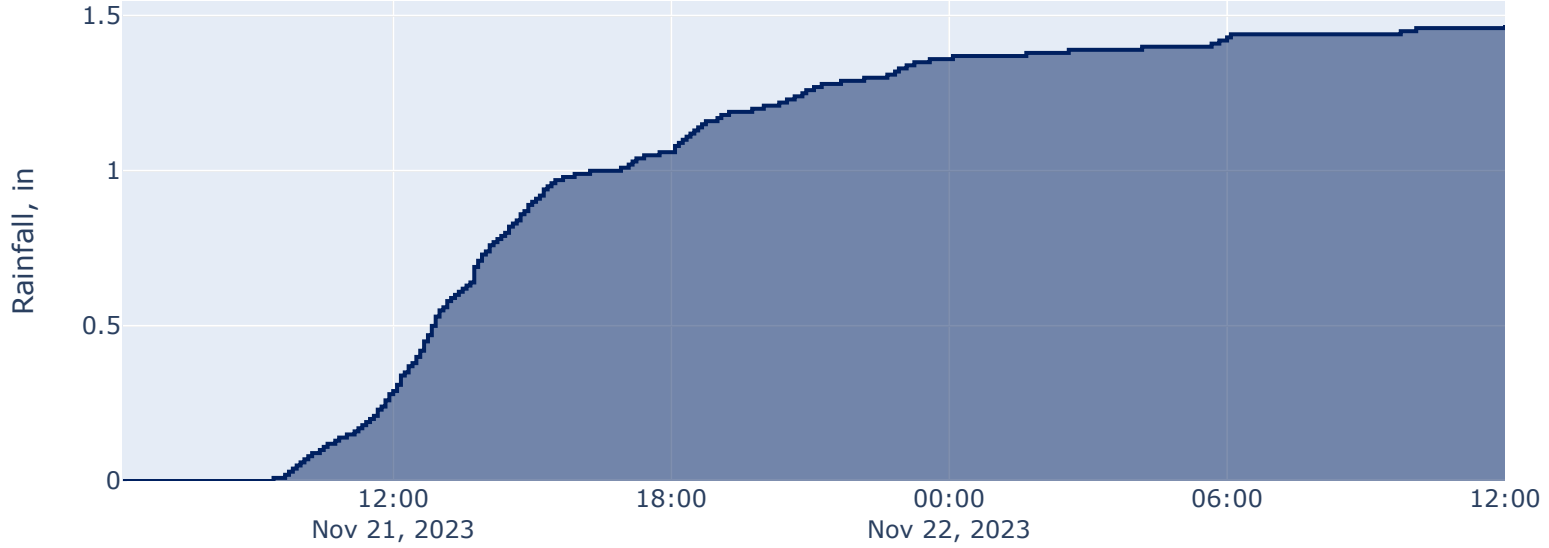
Overflow Data	Value
Overflow Volume Prevented (MG)	0.399
Percent Captured (%)	98
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.007
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.007
Overflow Duration (hr)	1.75



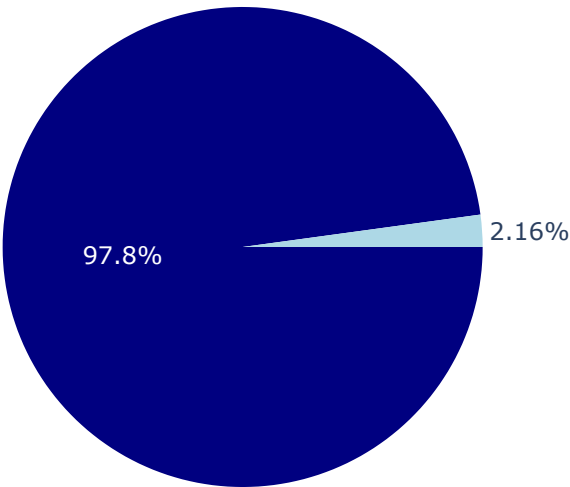
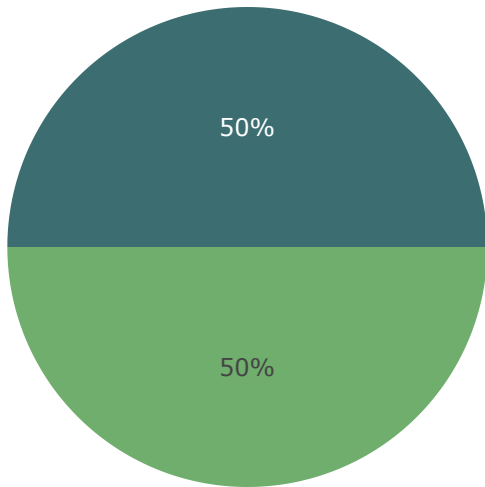
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.37	2.37
Site Return to Normal Depth (ft)	2.0	2.0
Time Activated	11/21/2023 12:05	11/21/2023 12:05
Time Returned to Normal	11/22/2023 00:45	11/22/2023 00:45



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.399
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.87
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



Dec2023 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- Storage Utilized Before SPP Activation Occurred
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

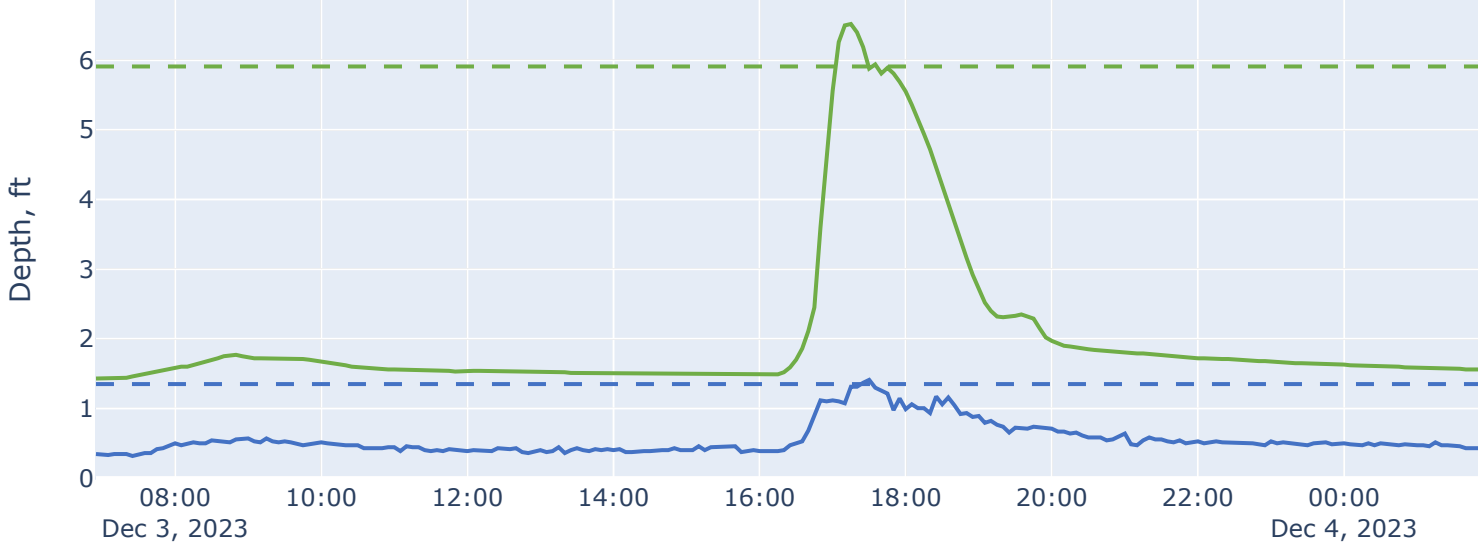
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
2	2	1.632	0.036	4.71

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
December 03, 2023	0.39	0.002	0.422	100	0.0	100	Good
December 09, 2023	0.63	0.0	0.415	100	0.0	100	Good
December 17, 2023	0.72	0.0	0.396	100	0.004	99	Good
December 27, 2023	1.15	0.034	0.399	92	0.0	100	Good

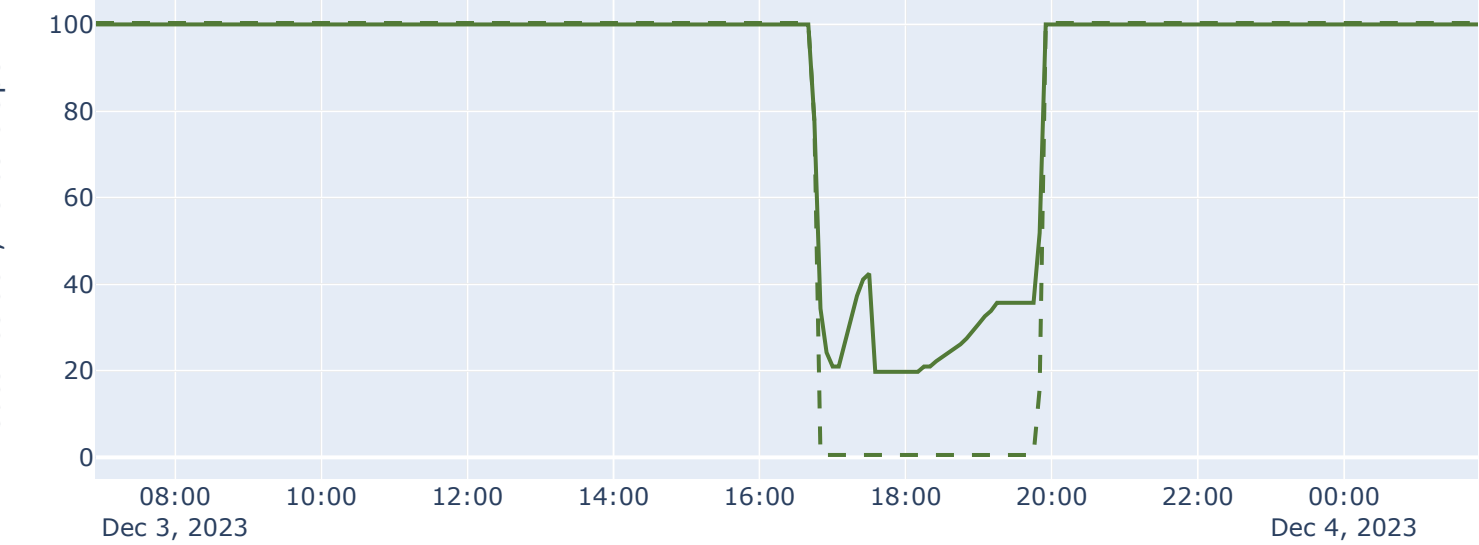
December 03, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	12/03/2023 06:55
Event End Date/Time	12/04/2023 01:50
Total Rainfall Accumulation (in)	0.39
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	6.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

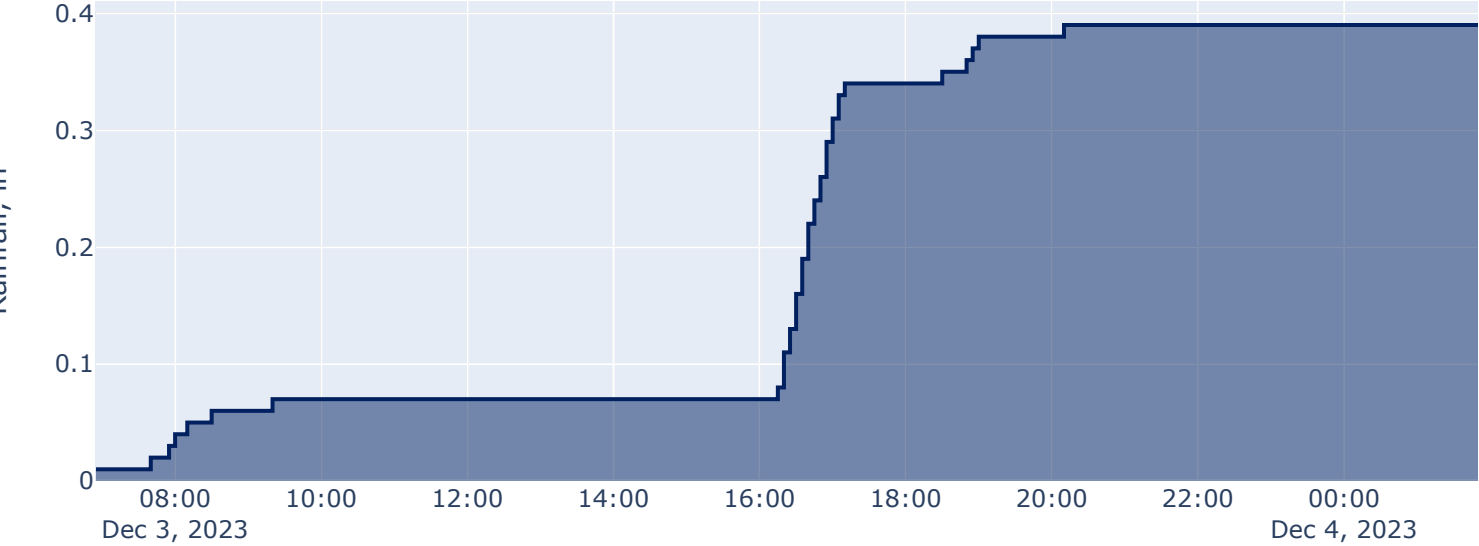
Overflow Data	Value
Overflow Volume Prevented (MG)	0.422
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.002
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.002
Overflow Duration (hr)	0.08



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.11	2.11
Site Return to Normal Depth (ft)	2.02	2.02
Time Activated	12/03/2023 16:40	12/03/2023 16:40
Time Returned to Normal	12/03/2023 19:55	12/03/2023 19:55



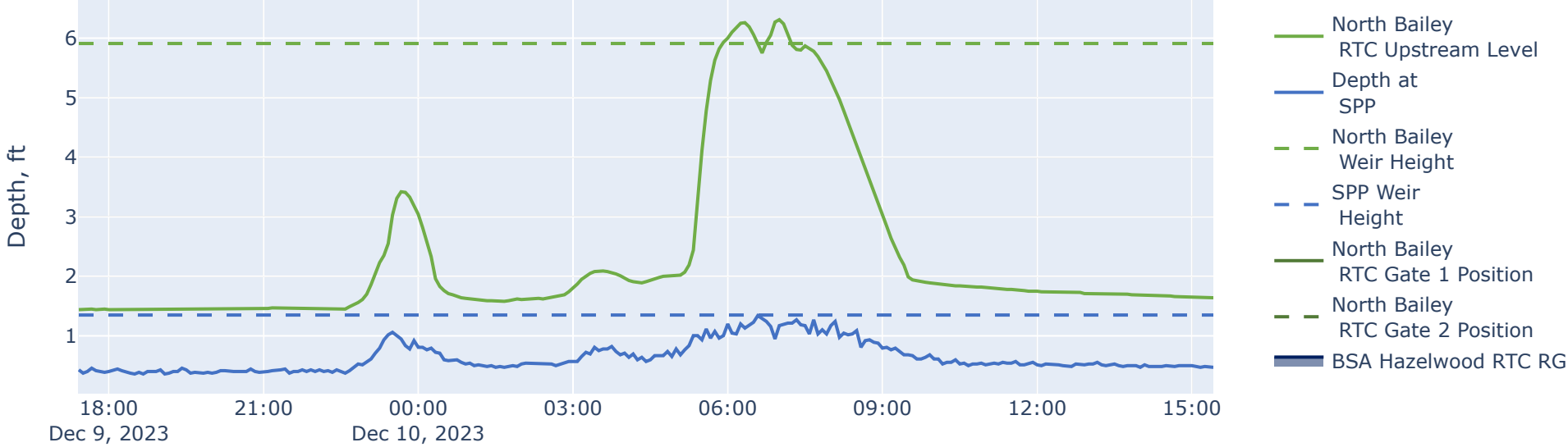
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.422
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.19
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



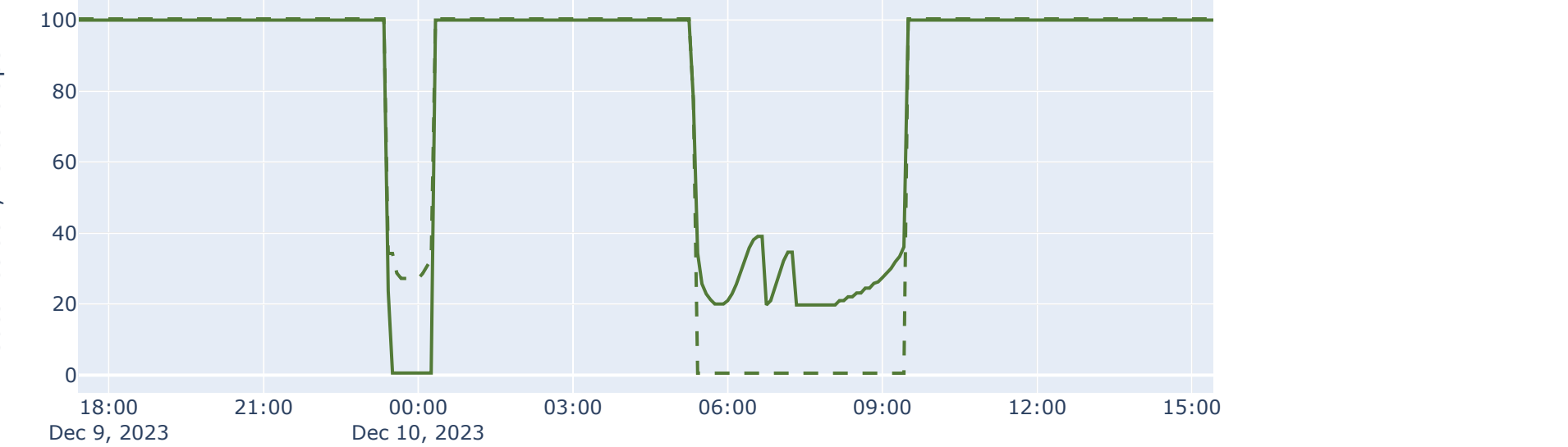
December 09, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	12/09/2023 17:25
Event End Date/Time	12/10/2023 15:25
Total Rainfall Accumulation (in)	0.63
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	10.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

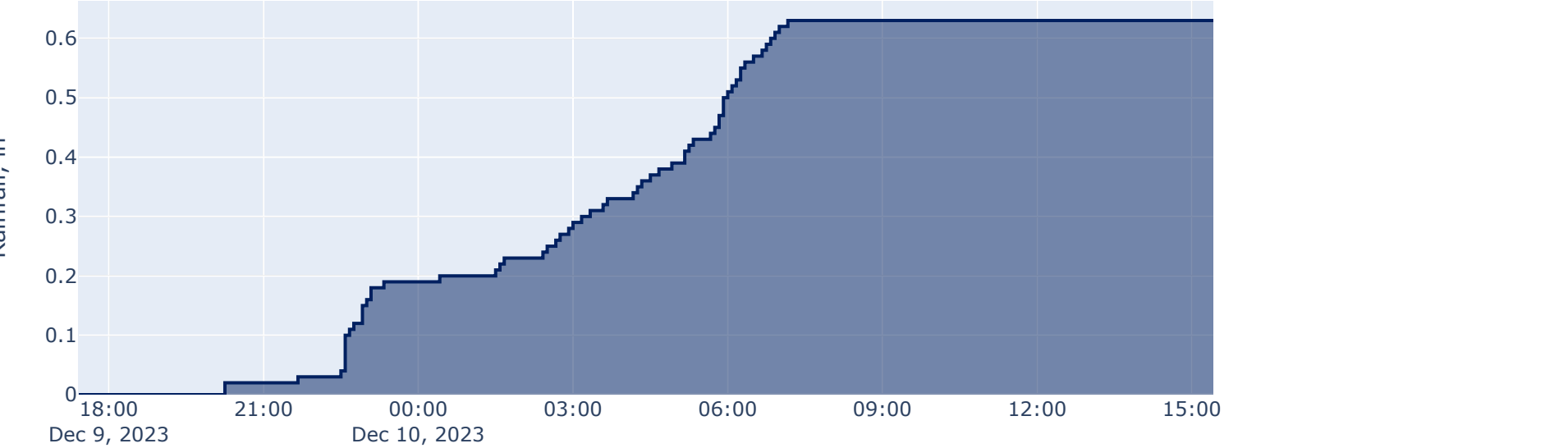
Overflow Data	Value
Overflow Volume Prevented (MG)	0.415
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.19	2.19
Site Return to Normal Depth (ft)	1.99	1.99
Time Activated	12/09/2023 23:20	12/09/2023 23:20
Time Returned to Normal	12/10/2023 09:30	12/10/2023 09:30



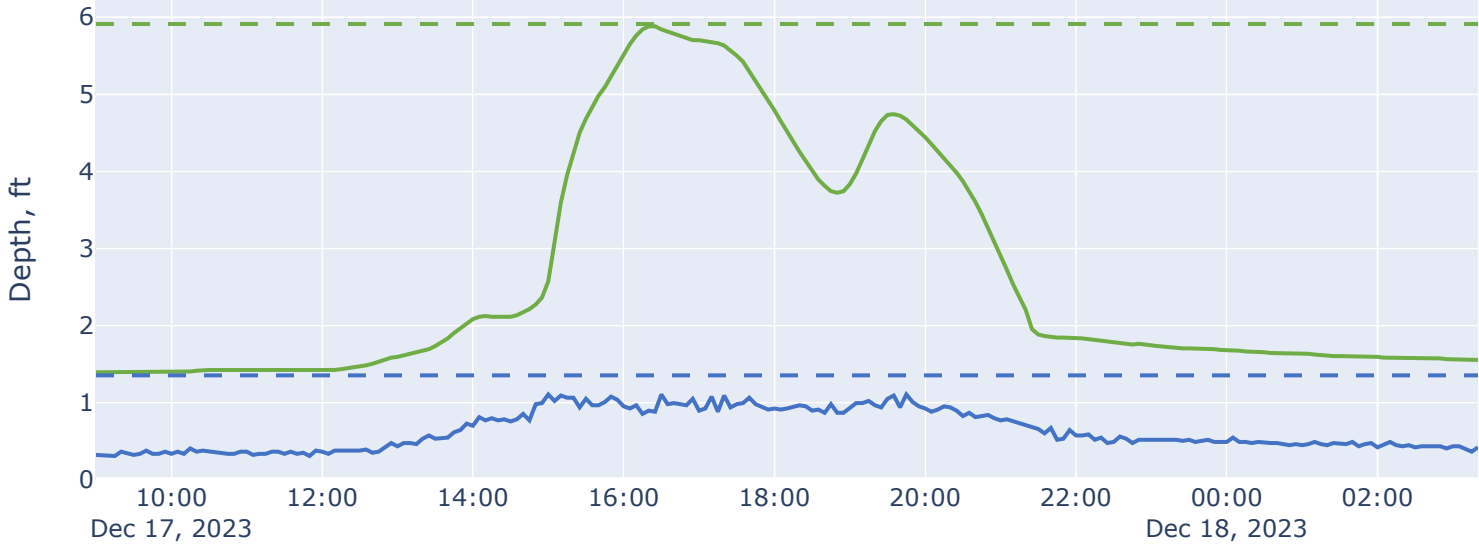
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.415
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



December 17, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

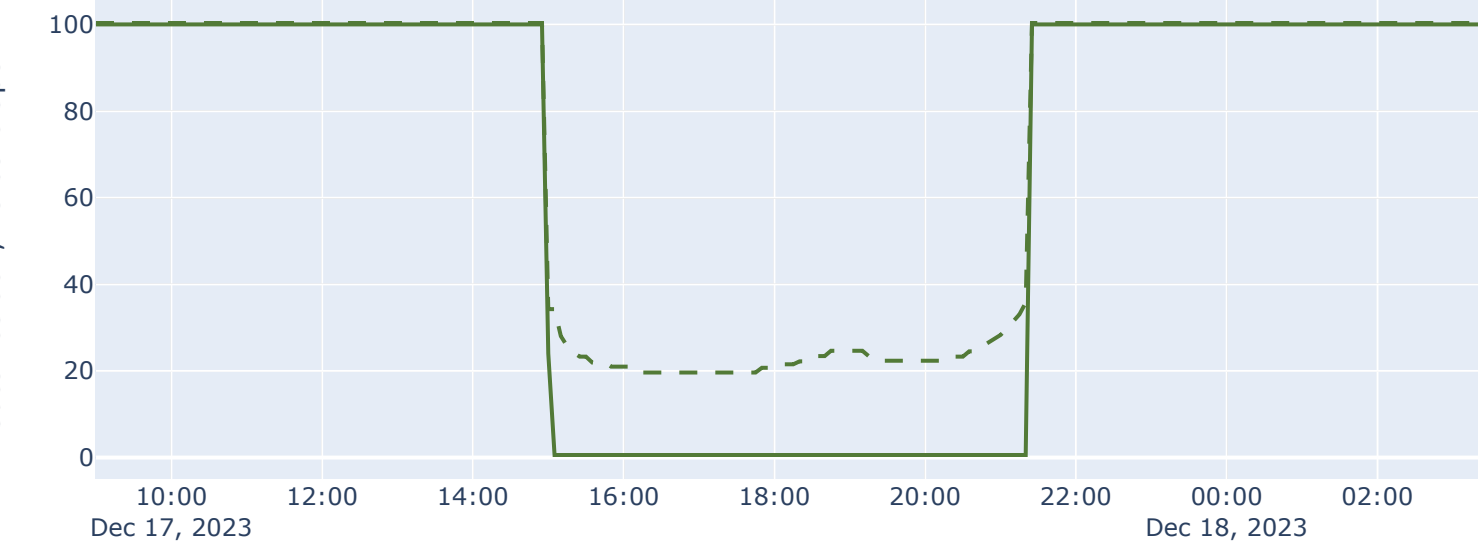
Event Data	Value
Event Start Date/Time	12/17/2023 09:00
Event End Date/Time	12/18/2023 03:20
Total Rainfall Accumulation (in)	0.72
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	9.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.396
Percent Captured (%)	100
Unused Storage Volume (MG)	0.004
Overflow Before Storage Full	No
Storage Utilization (%)	99
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

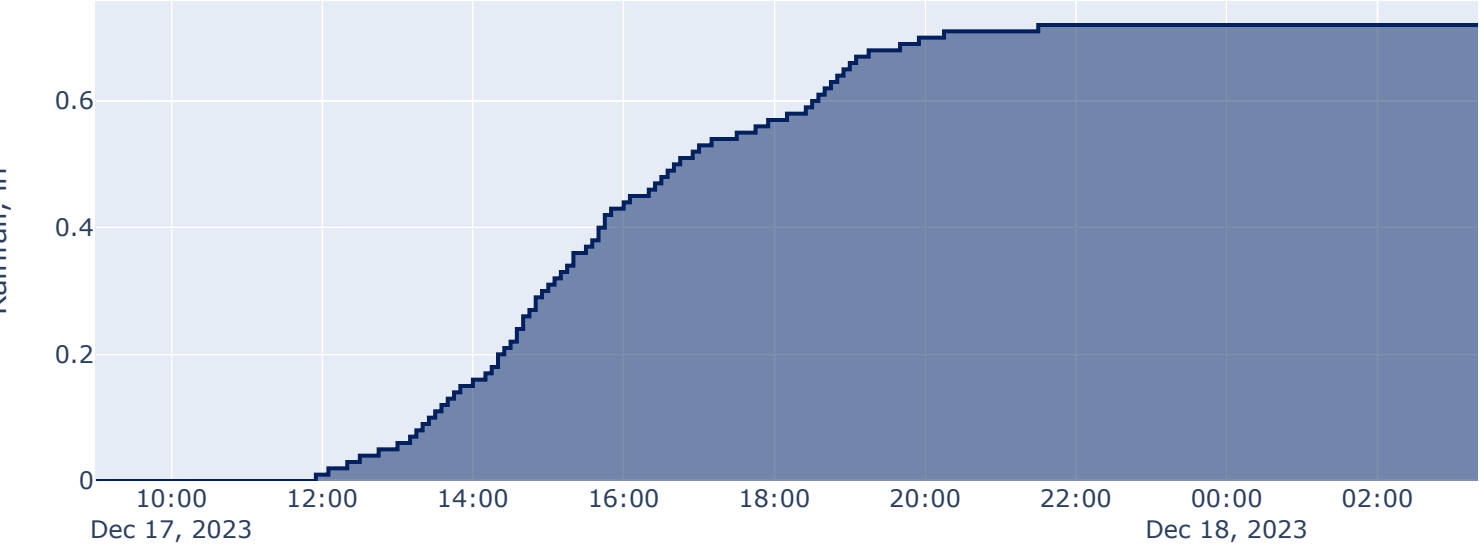


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.36	2.36
Site Return to Normal Depth (ft)	1.95	1.95
Time Activated	12/17/2023 14:55	12/17/2023 14:55
Time Returned to Normal	12/17/2023 21:25	12/17/2023 21:25



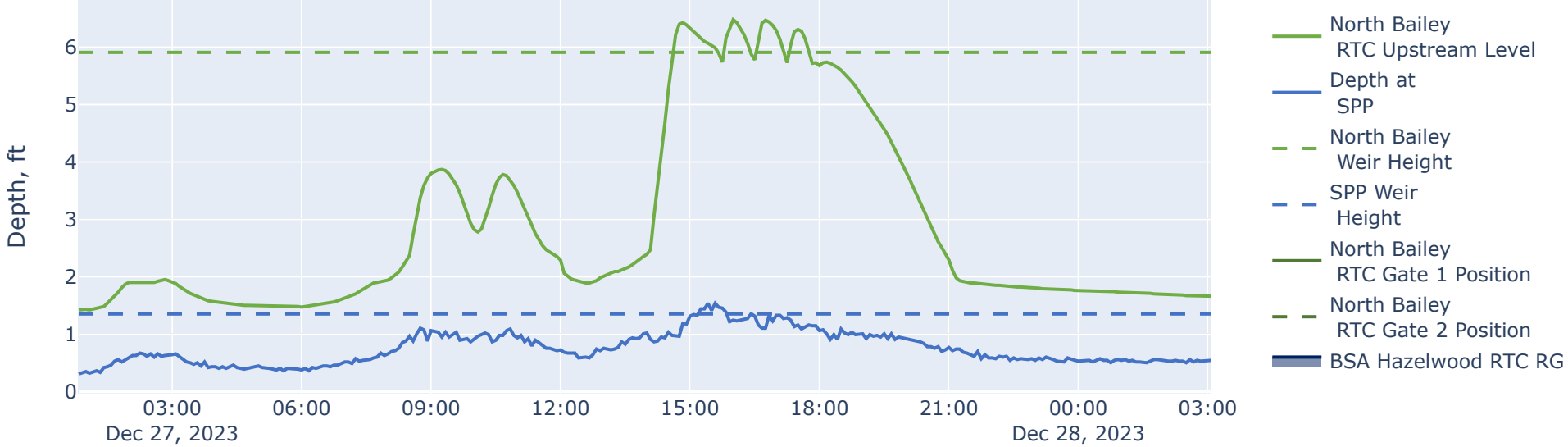
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.88
Volume Stored (MG)	0.396
Unused Storage Volume (MG)	0.004
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



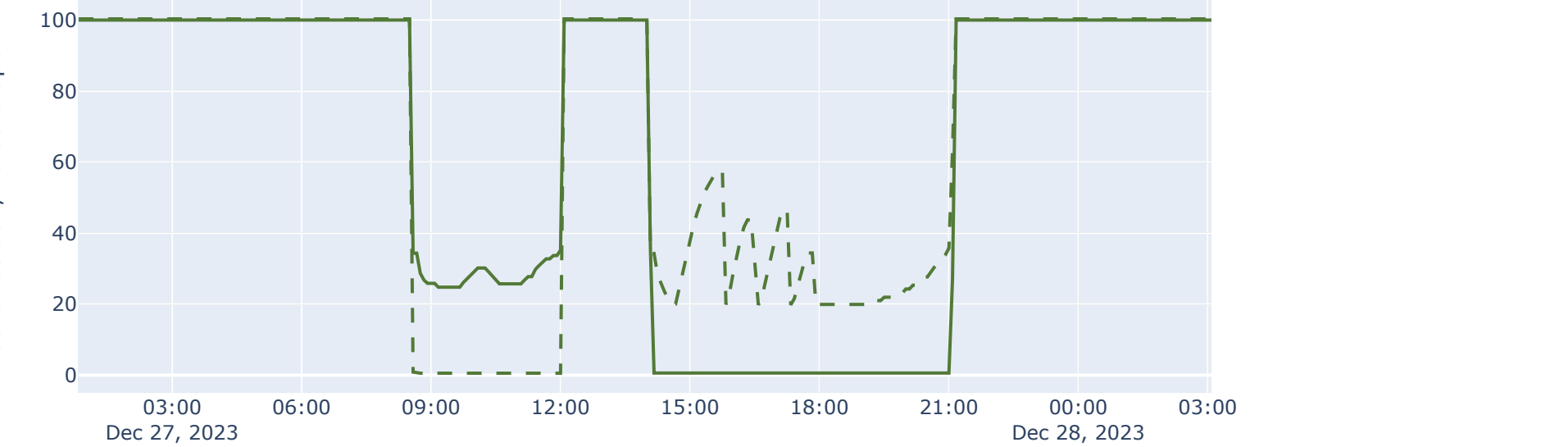
December 27, 2023 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	12/27/2023 00:50
Event End Date/Time	12/28/2023 03:05
Total Rainfall Accumulation (in)	1.15
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	22.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

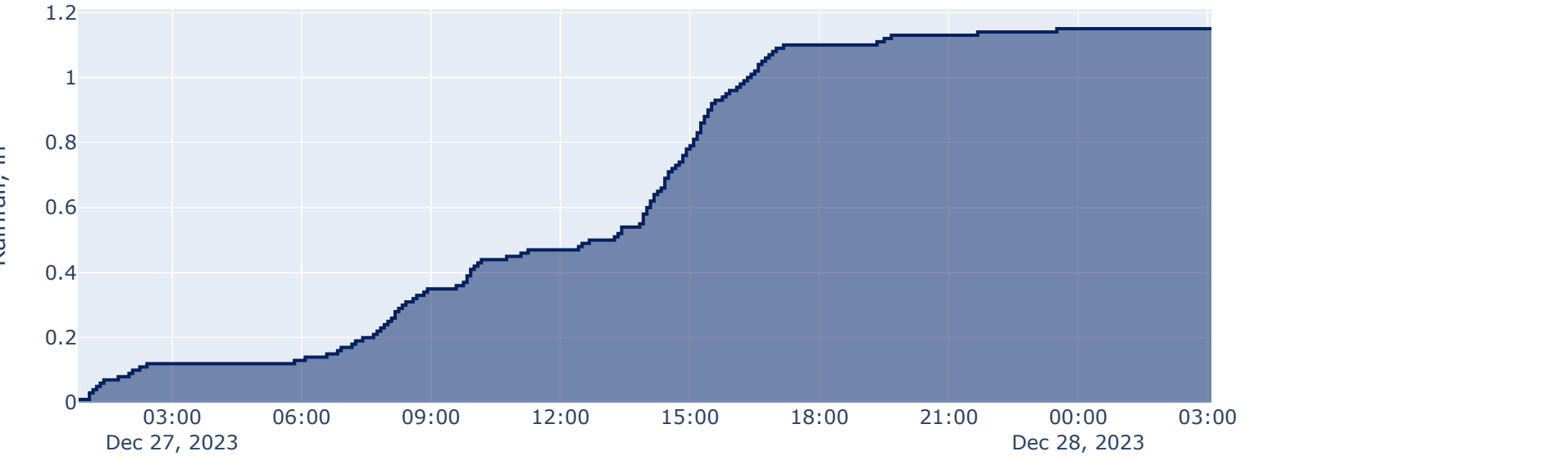
Overflow Data	Value
Overflow Volume Prevented (MG)	0.399
Percent Captured (%)	92
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.034
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.034
Overflow Duration (hr)	1.17



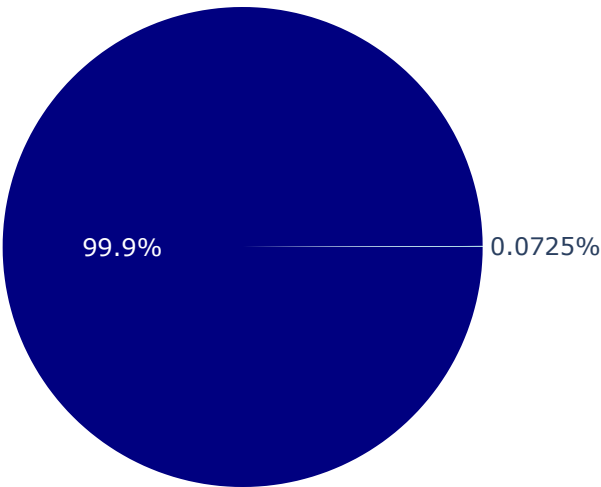
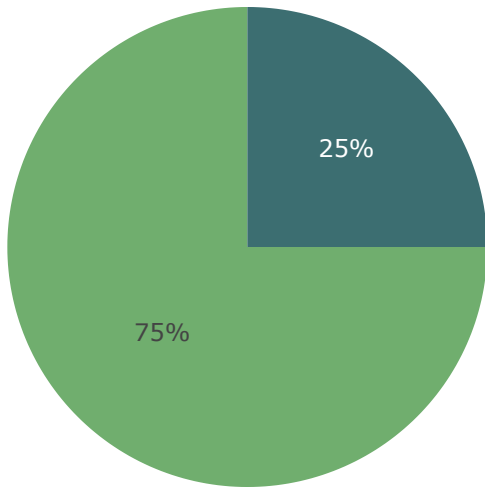
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.37	2.37
Site Return to Normal Depth (ft)	1.98	1.98
Time Activated	12/27/2023 08:30	12/27/2023 08:30
Time Returned to Normal	12/27/2023 21:10	12/27/2023 21:10



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.399
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	6.16
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



Jan2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- Storage Utilized Before SPP Activation Occurred
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

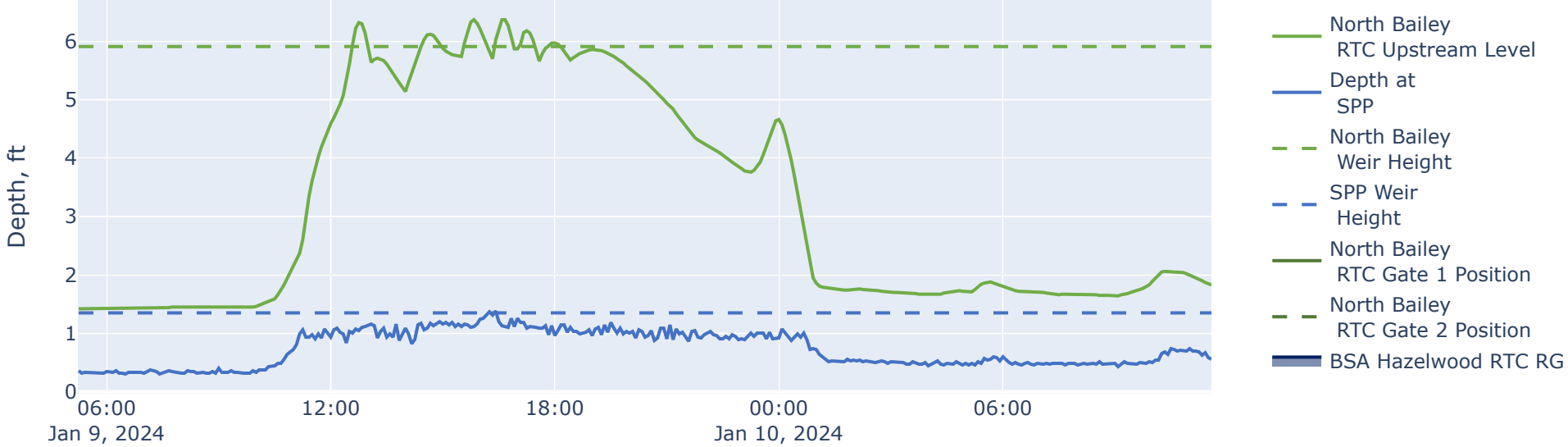
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
3	1	1.379	0.001	4.55

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
January 09, 2024	0.85	0.001	0.399	100	0.0	100	Good
January 11, 2024	0.43	0.0	0.183	100	0.215	46	Good
January 23, 2024	0.92	0.0	0.398	100	0.0	100	Poor
January 25, 2024	1.27	0.0	0.399	100	0.0	100	Poor

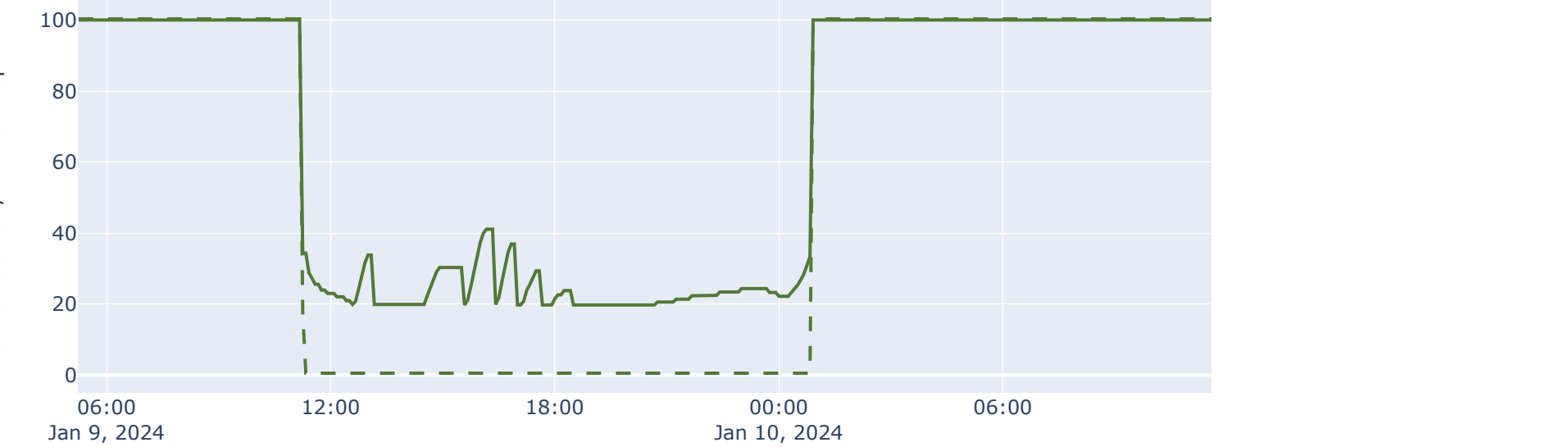
January 09, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	01/09/2024 05:15
Event End Date/Time	01/10/2024 11:35
Total Rainfall Accumulation (in)	0.85
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	19.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

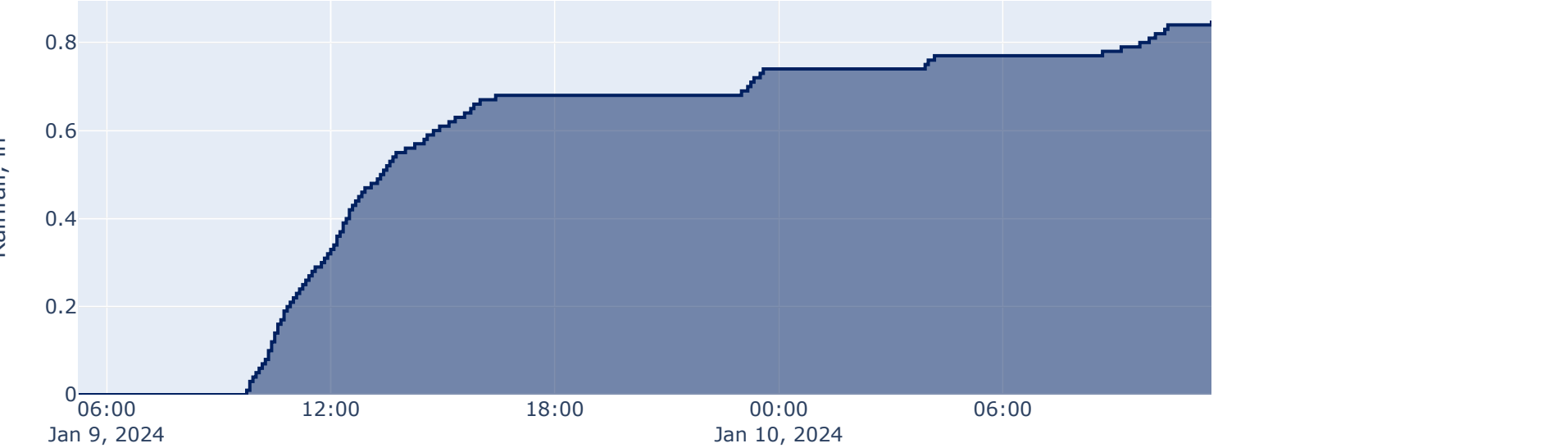
Overflow Data	Value
Overflow Volume Prevented (MG)	0.399
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.001
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.001
Overflow Duration (hr)	0.17



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.37	2.37
Site Return to Normal Depth (ft)	1.95	1.95
Time Activated	01/09/2024 11:10	01/09/2024 11:10
Time Returned to Normal	01/10/2024 00:55	01/10/2024 00:55



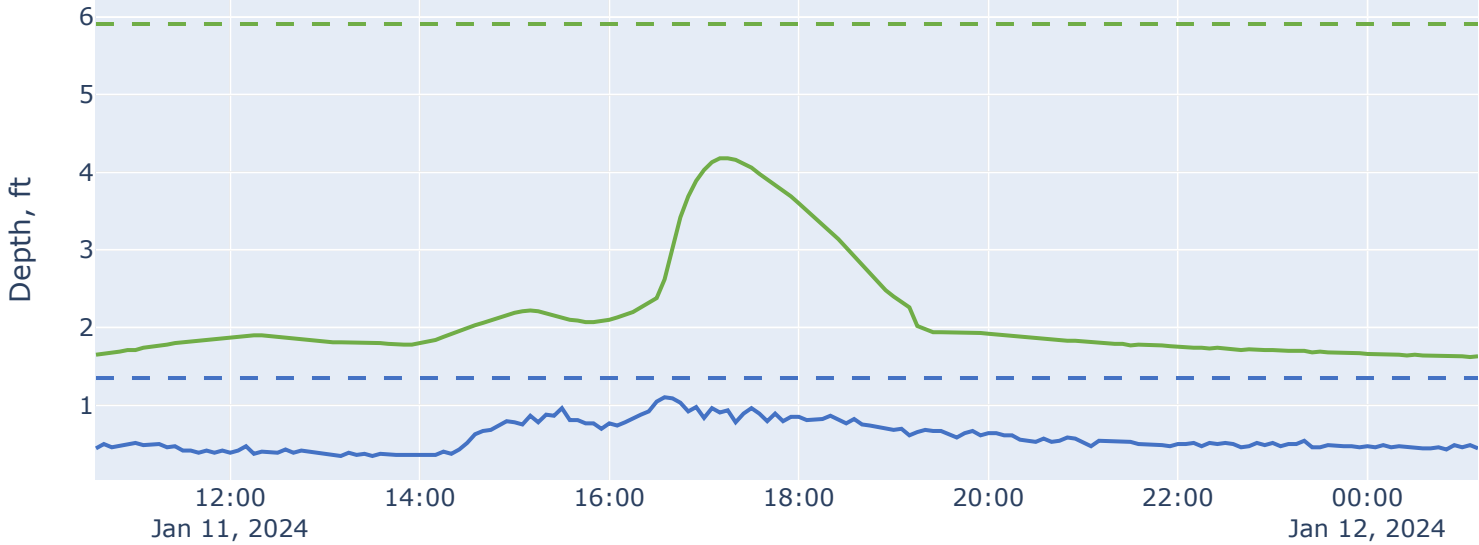
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.399
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	5.81
Overflow Before Gate Activation	No
Overflow Before Storage Full	No



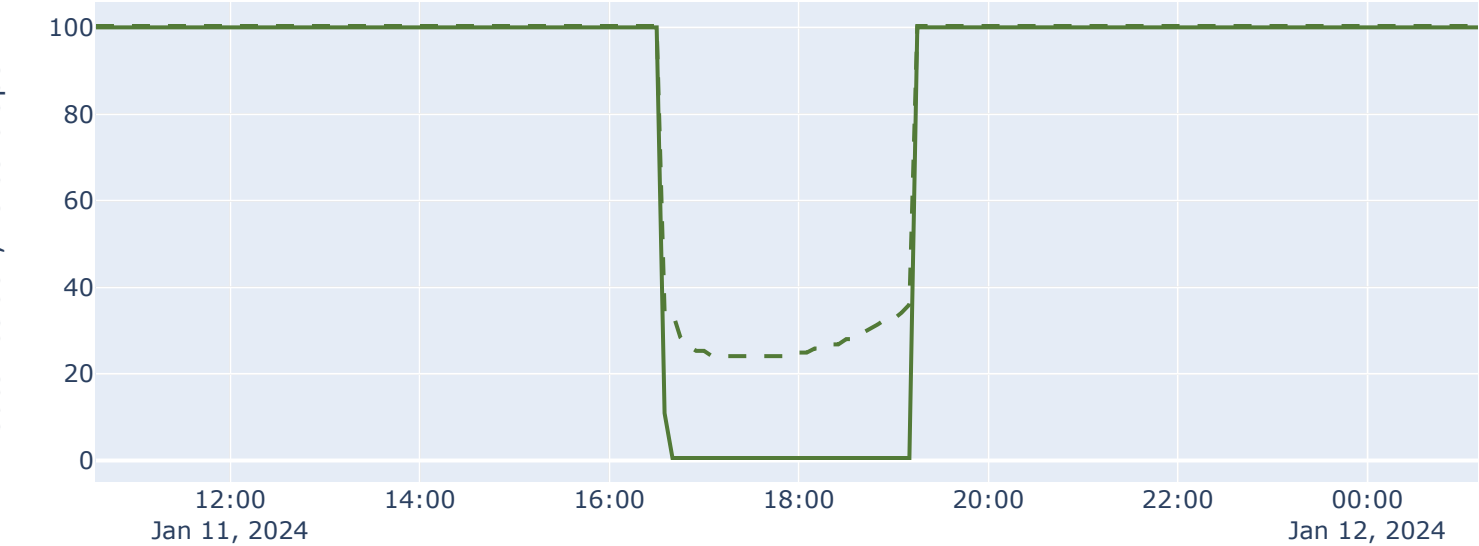
January 11, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	01/11/2024 10:35
Event End Date/Time	01/12/2024 01:10
Total Rainfall Accumulation (in)	0.43
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	9.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

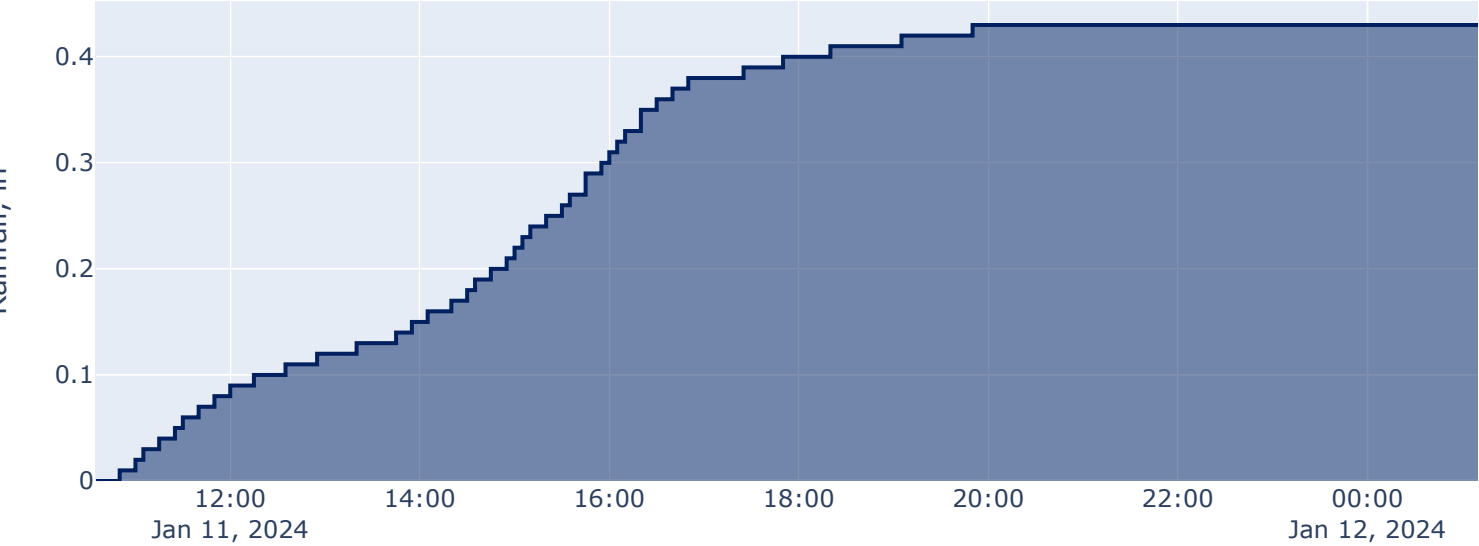
Overflow Data	Value
Overflow Volume Prevented (MG)	0.183
Percent Captured (%)	100
Unused Storage Volume (MG)	0.215
Overflow Before Storage Full	No
Storage Utilization (%)	46
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.38	2.38
Site Return to Normal Depth (ft)	2.02	2.02
Time Activated	01/11/2024 16:30	01/11/2024 16:30
Time Returned to Normal	01/11/2024 19:15	01/11/2024 19:15



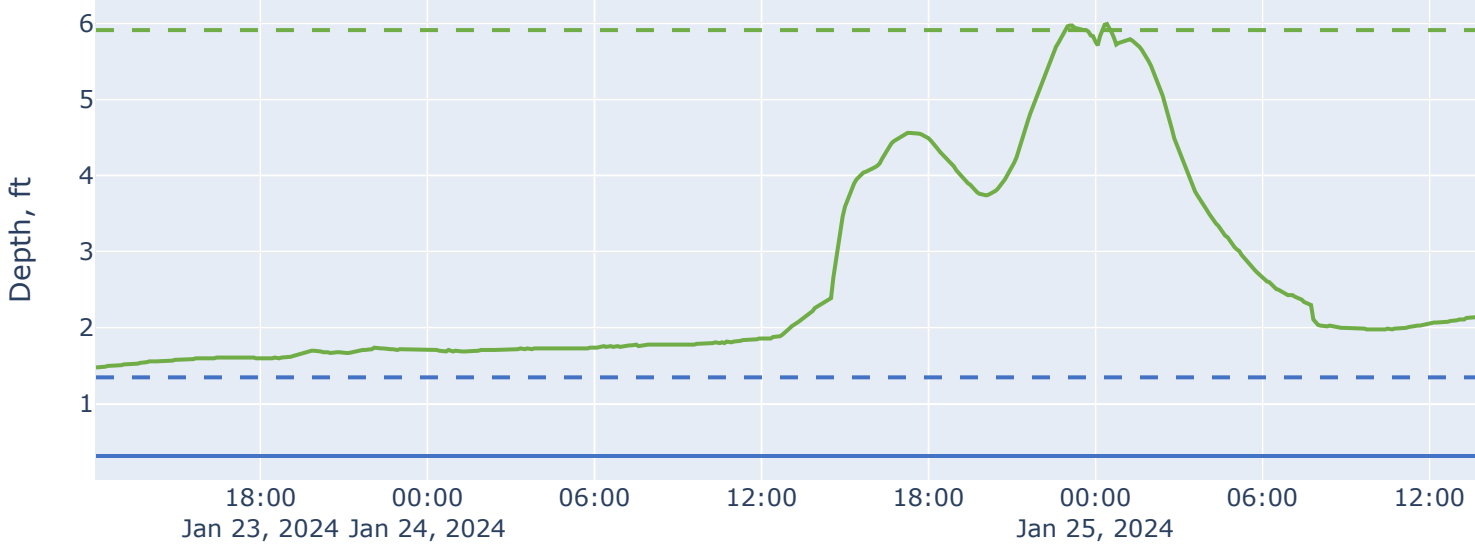
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	4.18
Volume Stored (MG)	0.183
Unused Storage Volume (MG)	0.215
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



January 23, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

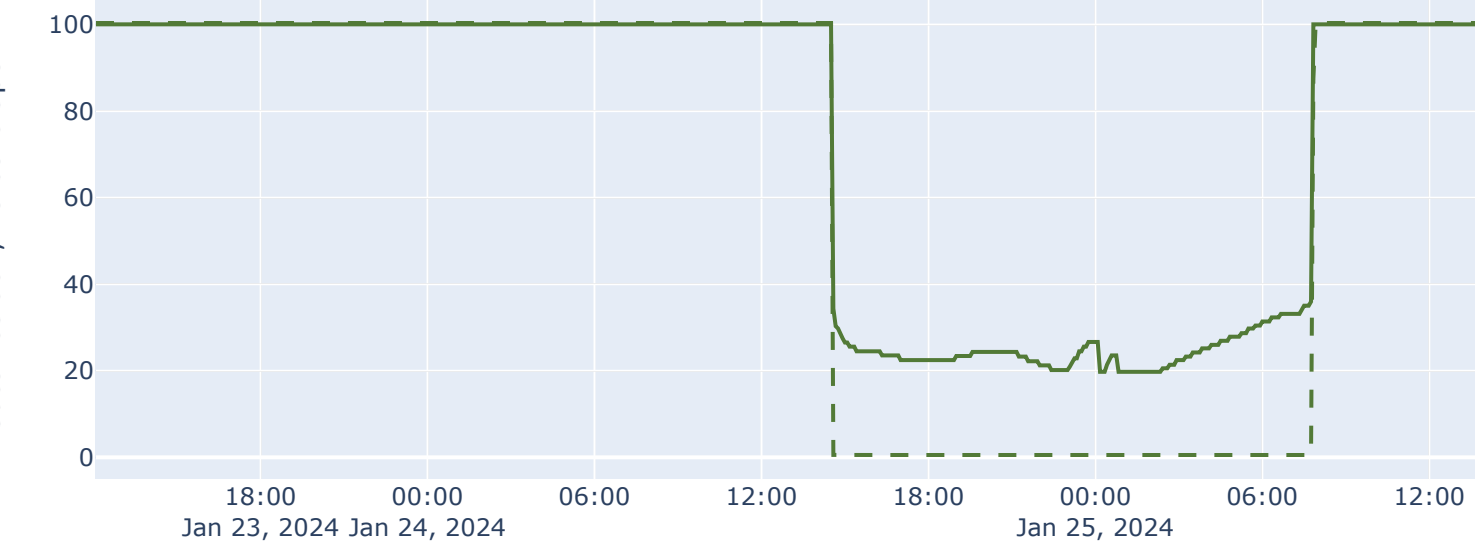
Event Data	Value
Event Start Date/Time	01/23/2024 12:05
Event End Date/Time	01/25/2024 13:45
Total Rainfall Accumulation (in)	0.92
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	34.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.398
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

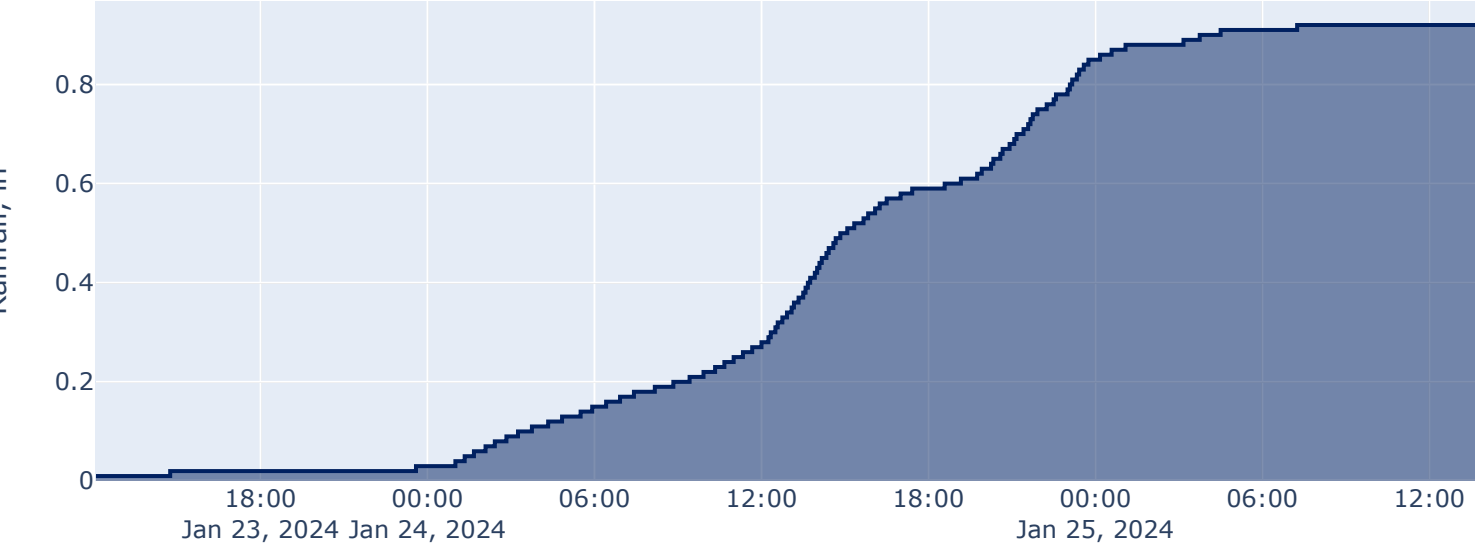


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.39	2.39
Site Return to Normal Depth (ft)	2.11	2.07
Time Activated	01/24/2024 14:30	01/24/2024 14:30
Time Returned to Normal	01/25/2024 07:50	01/25/2024 07:55



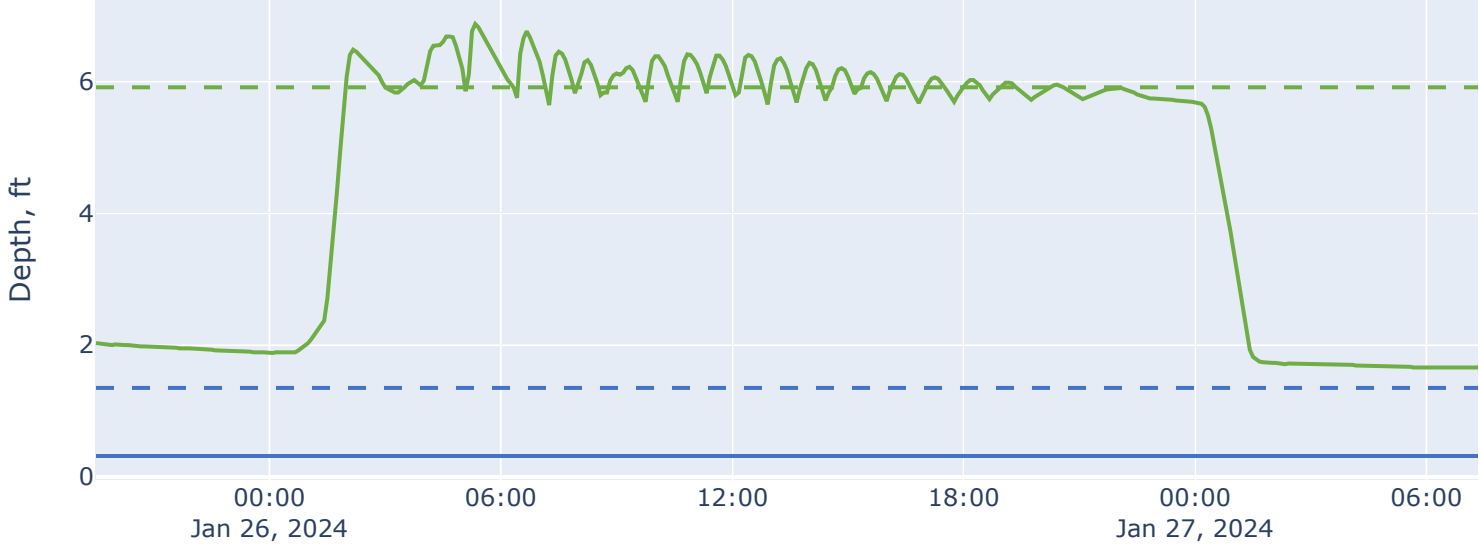
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.398
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



January 25, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

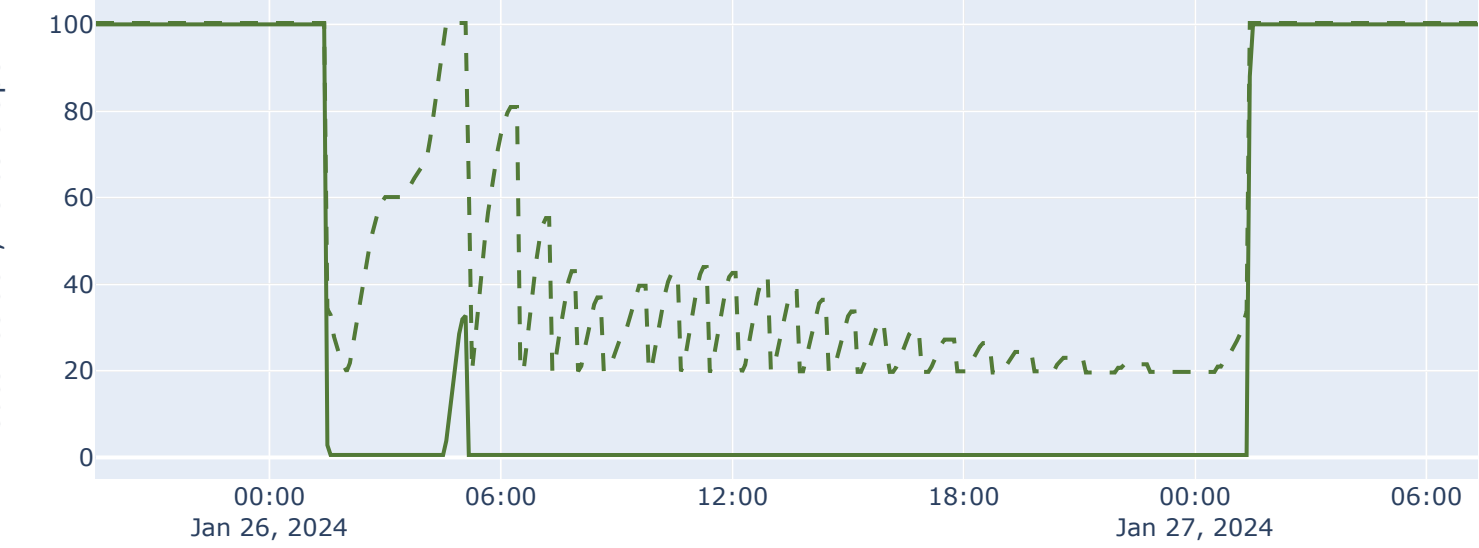
Event Data	Value
Event Start Date/Time	01/25/2024 19:30
Event End Date/Time	01/27/2024 07:20
Total Rainfall Accumulation (in)	1.27
Maximum Rainfall Intensity (in/hr)	0.84
Storm Event Duration (hr)	13.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.399
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

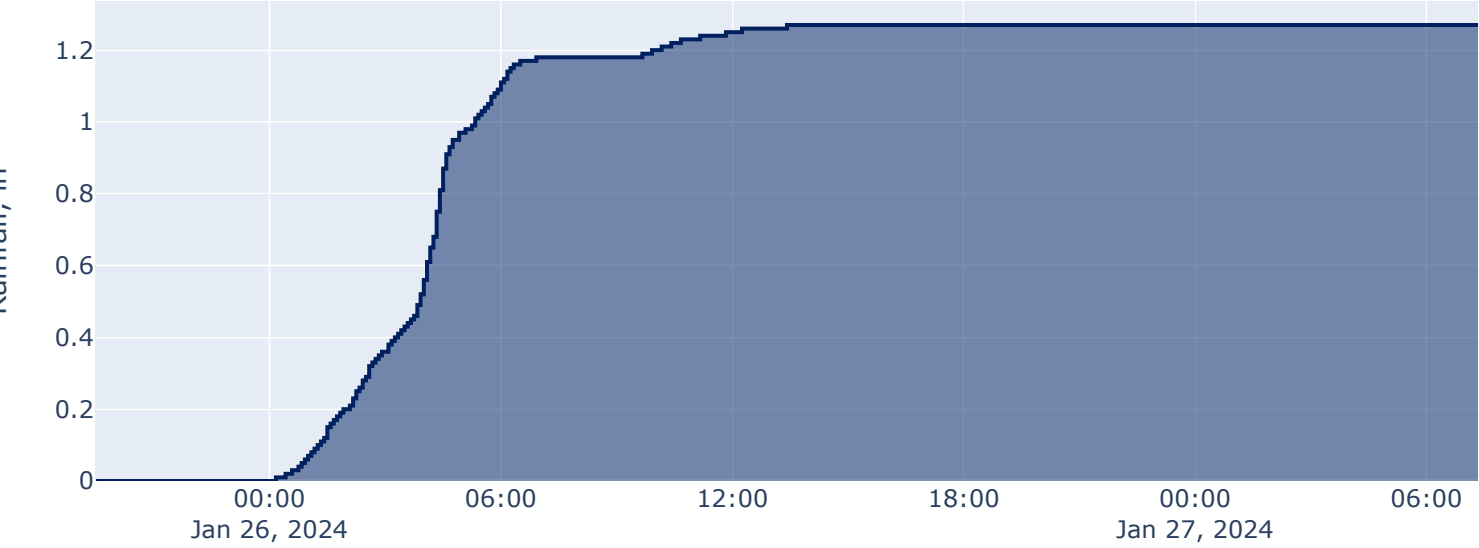


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.37	2.37
Site Return to Normal Depth (ft)	1.82	1.93
Time Activated	01/26/2024 01:25	01/26/2024 01:25
Time Returned to Normal	01/27/2024 01:30	01/27/2024 01:25



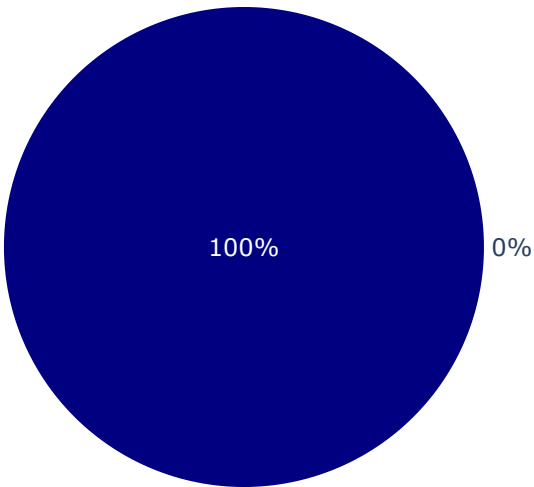
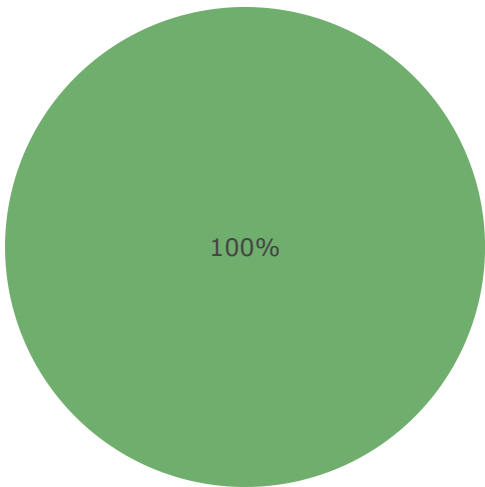
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.399
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Feb2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4

Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	0	0	0	1.09

Mar2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

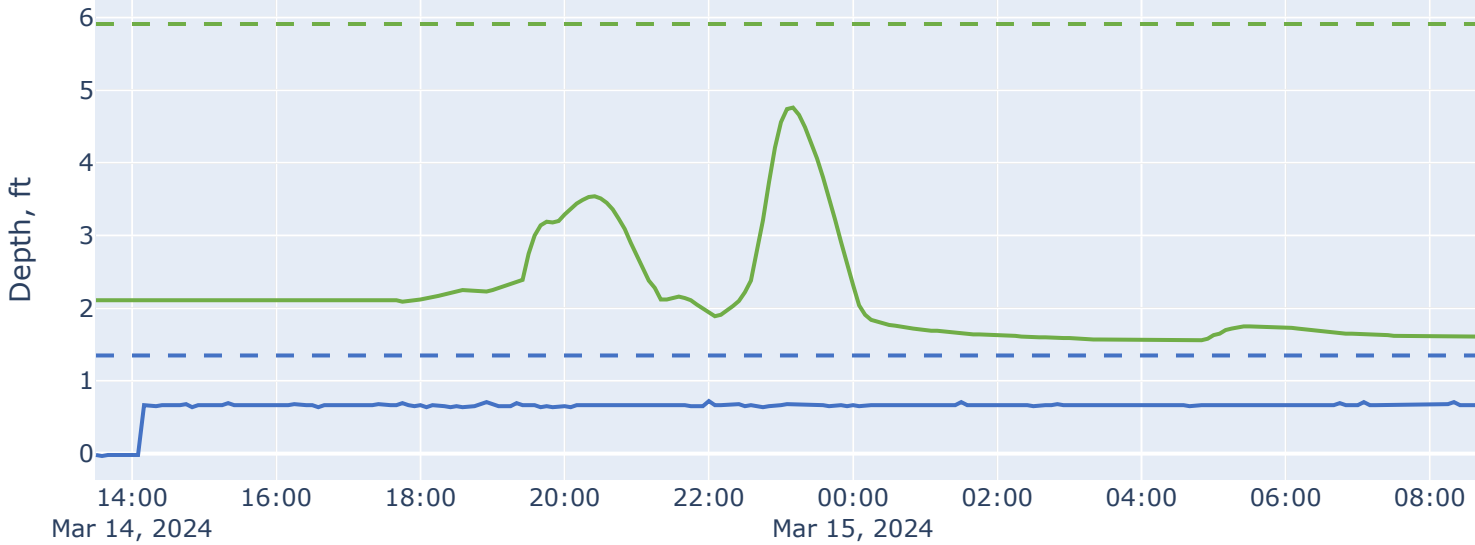
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
2	0	0.658	0.0	2.01

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
March 14, 2024	0.36	0.0	0.251	100	0.147	63	Good
March 16, 2024	0.36	0.0	0.407	100	0.0	100	Good

March 14, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

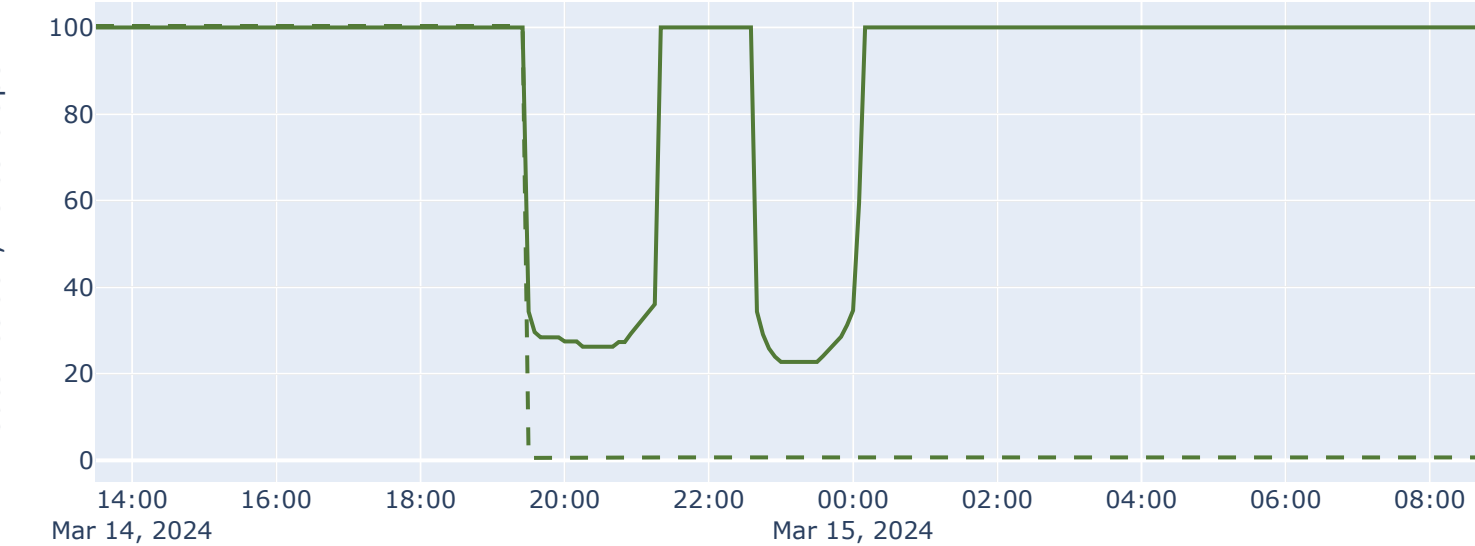
Event Data	Value
Event Start Date/Time	03/14/2024 13:30
Event End Date/Time	03/15/2024 08:40
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	15.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.251
Percent Captured (%)	100
Unused Storage Volume (MG)	0.147
Overflow Before Storage Full	No
Storage Utilization (%)	63
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

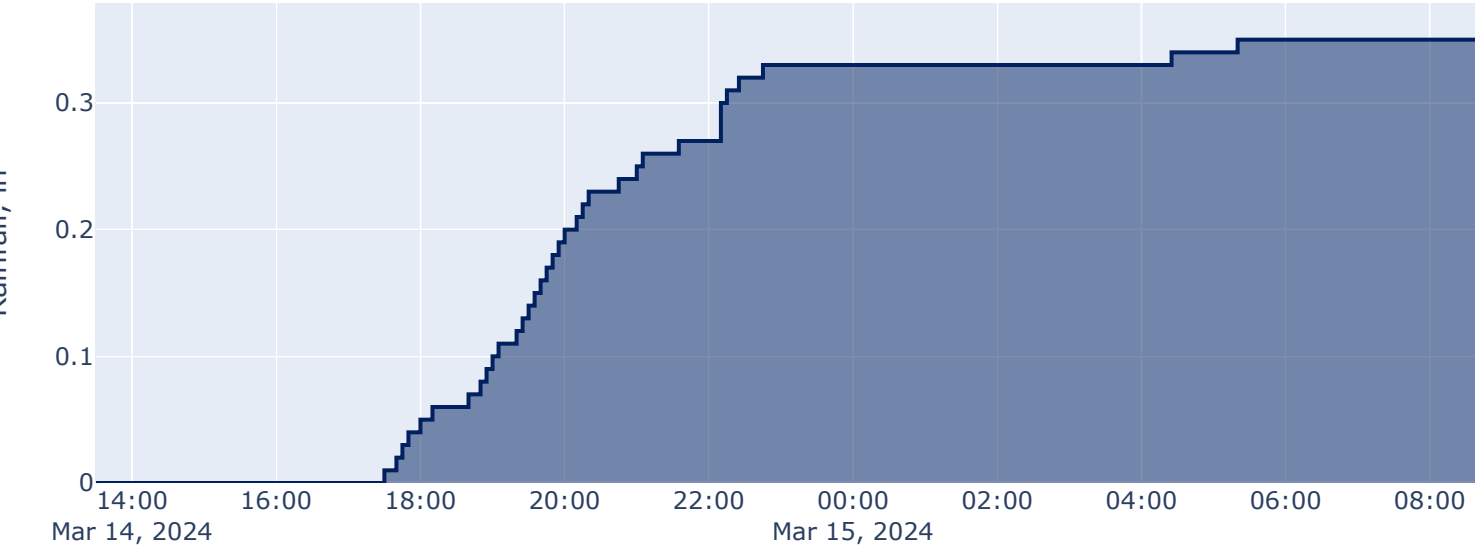


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.38	2.39
Site Return to Normal Depth (ft)	1.91	N/A
Time Activated	03/14/2024 19:25	03/14/2024 19:25
Time Returned to Normal	03/15/2024 00:10	N/A



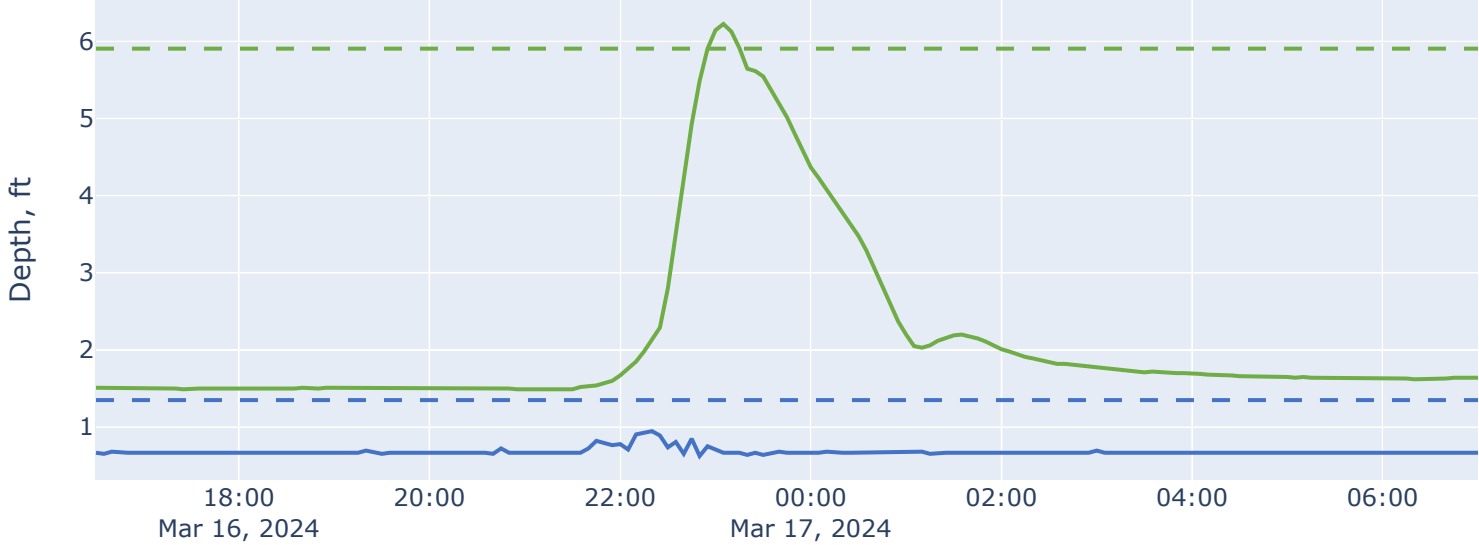
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	4.76
Volume Stored (MG)	0.251
Unused Storage Volume (MG)	0.147
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



March 16, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

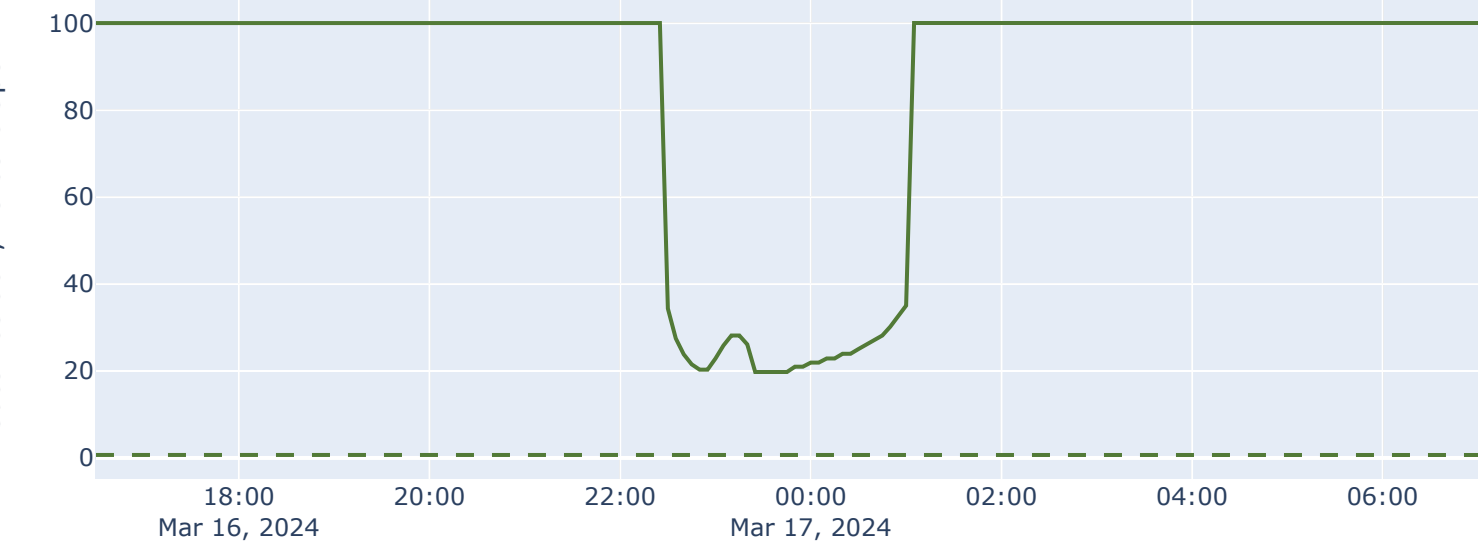
Event Data	Value
Event Start Date/Time	03/16/2024 16:30
Event End Date/Time	03/17/2024 07:00
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	8.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.407
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

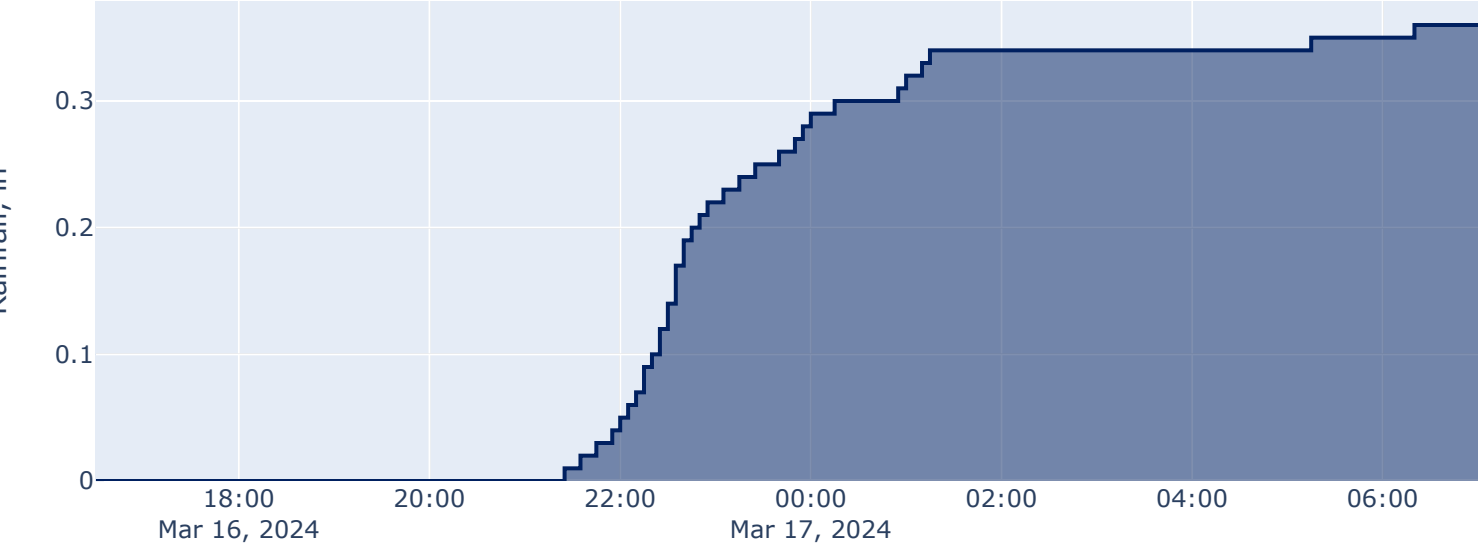


- North Bailey RTC Upstream Level
- Depth at SPP
- North Bailey Weir Height
- SPP Weir Height
- North Bailey RTC Gate 1 Position
- North Bailey RTC Gate 2 Position
- BSA Hazelwood RTC RG

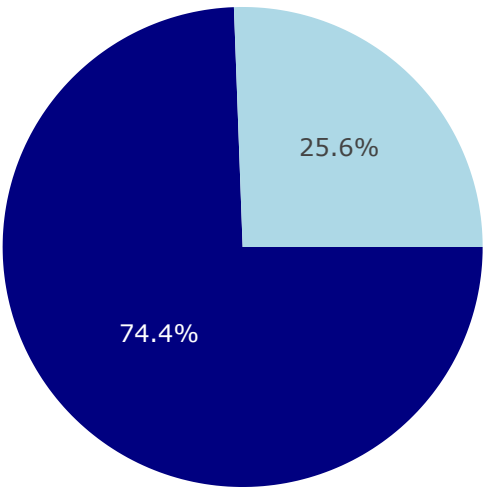
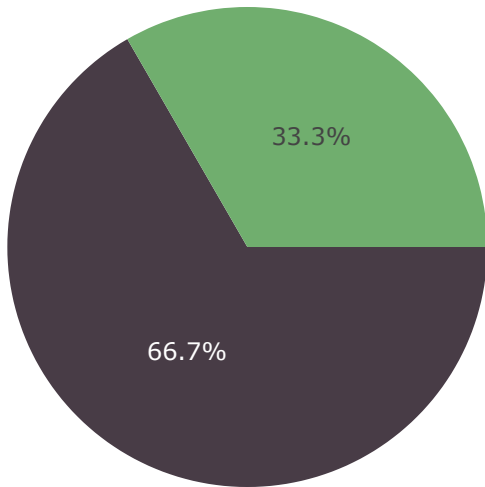
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.29	N/A
Site Return to Normal Depth (ft)	2.05	N/A
Time Activated	03/16/2024 22:25	N/A
Time Returned to Normal	03/17/2024 01:05	N/A



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.407
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



Apr2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

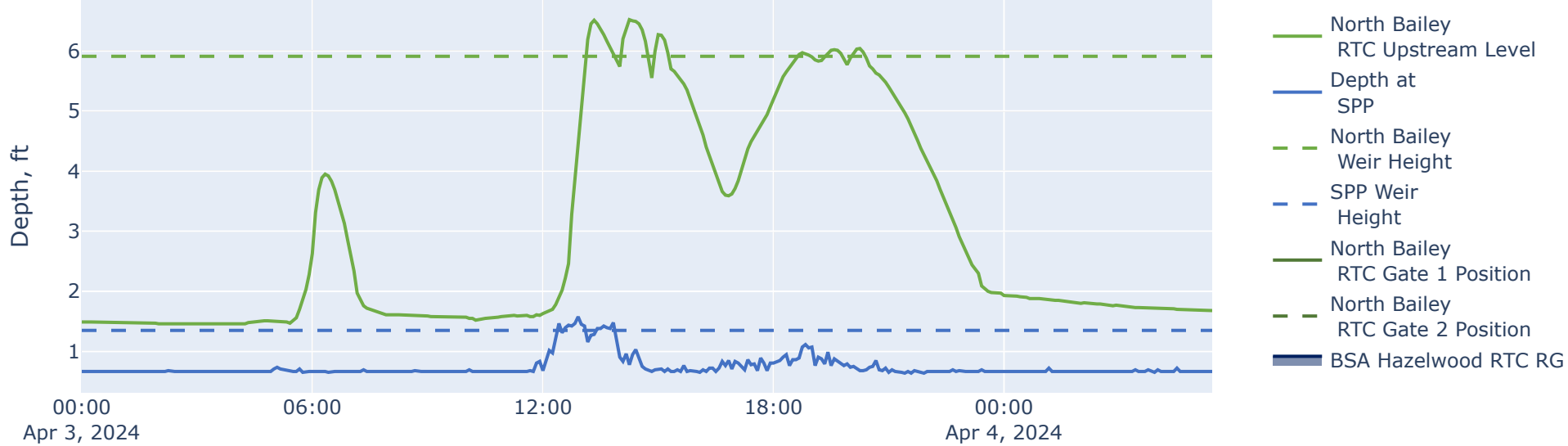
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	2	1.219	0.419	5.76

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
April 03, 2024	1.11	0.043	0.413	91	0.0	100	Poor
April 10, 2024	2.89	0.376	0.403	52	0.0	100	Poor
April 17, 2024	0.67	0.0	0.403	100	0.0	100	Poor

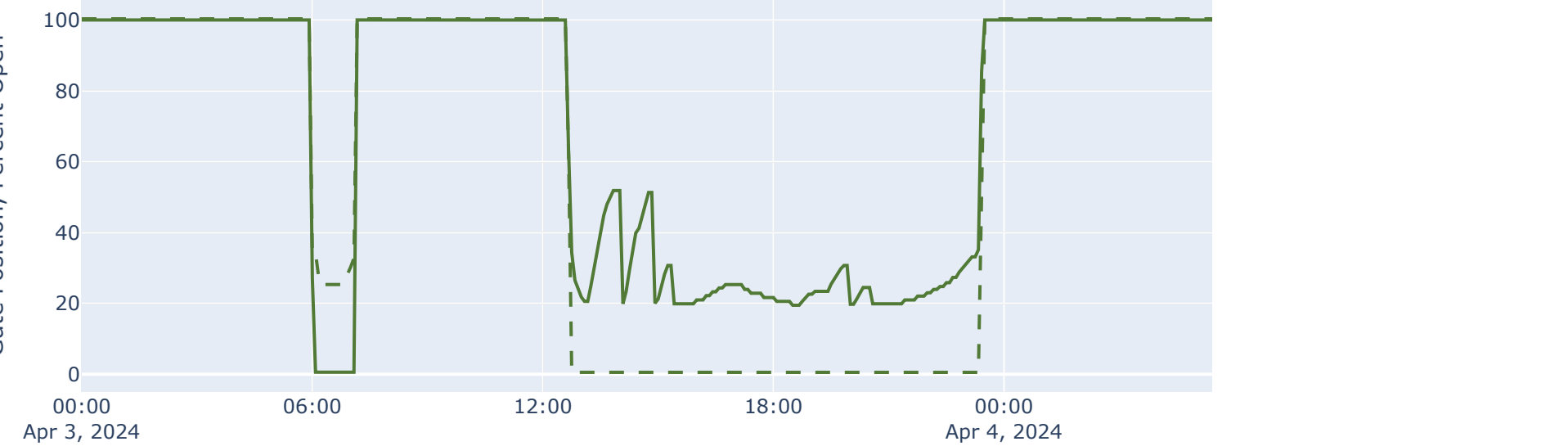
April 03, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	04/03/2024 00:00
Event End Date/Time	04/04/2024 05:25
Total Rainfall Accumulation (in)	1.11
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	19.42
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

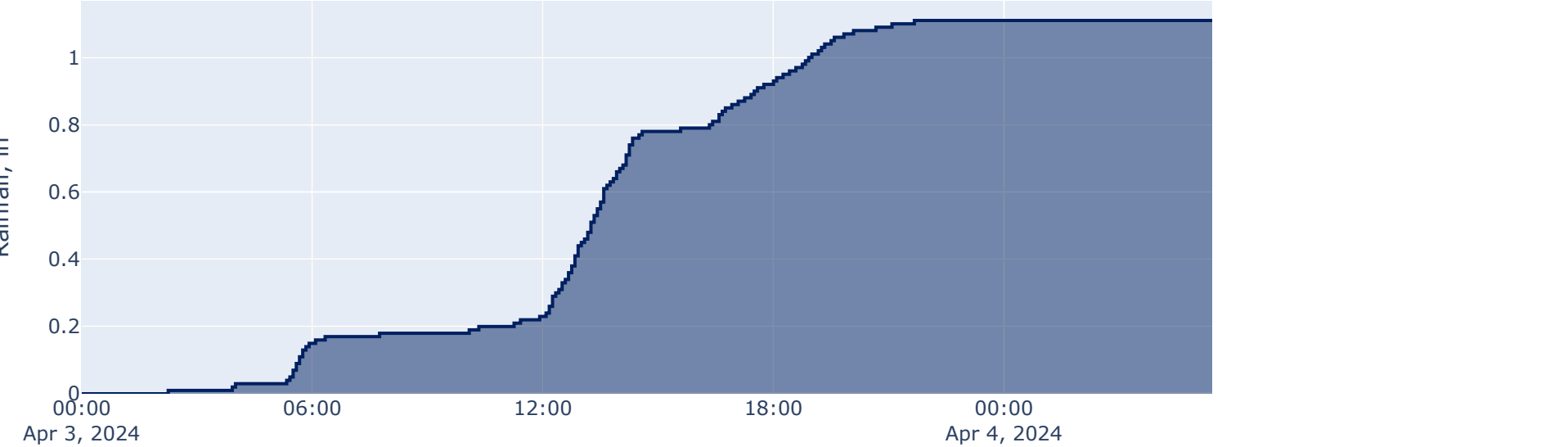
Overflow Data	Value
Overflow Volume Prevented (MG)	0.413
Percent Captured (%)	91
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.043
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.043
Overflow Duration (hr)	1.42



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.22	2.22
Site Return to Normal Depth (ft)	2.03	2.03
Time Activated	04/03/2024 05:55	04/03/2024 05:55
Time Returned to Normal	04/03/2024 23:30	04/03/2024 23:30



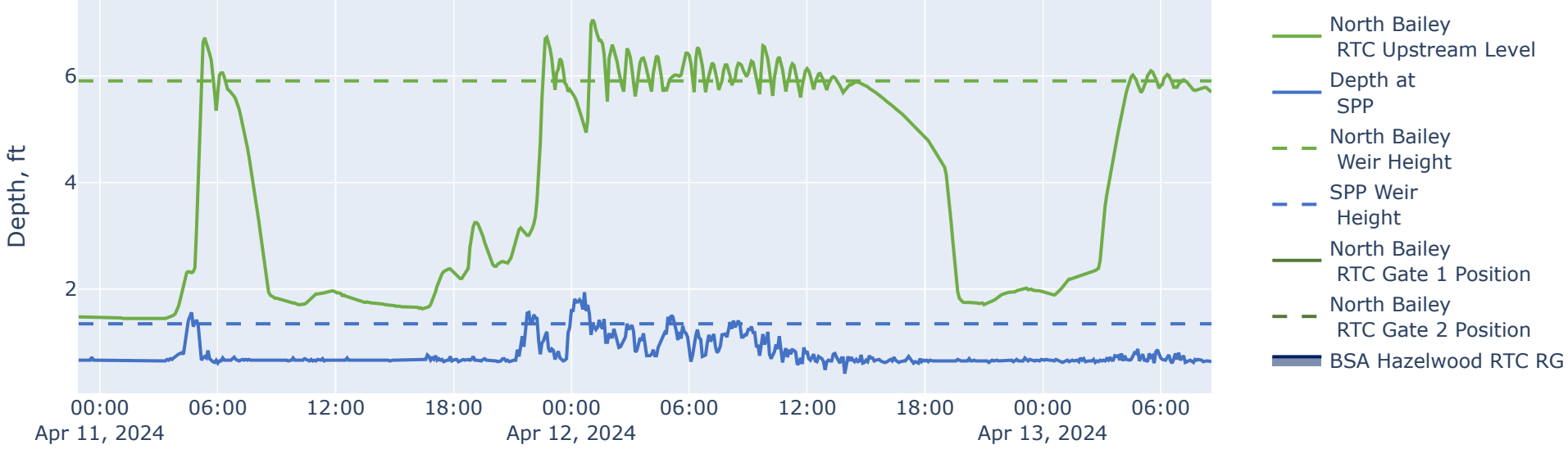
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.413
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.9
Overflow Before Gate Activation	No
Overflow Before Storage Full	Yes



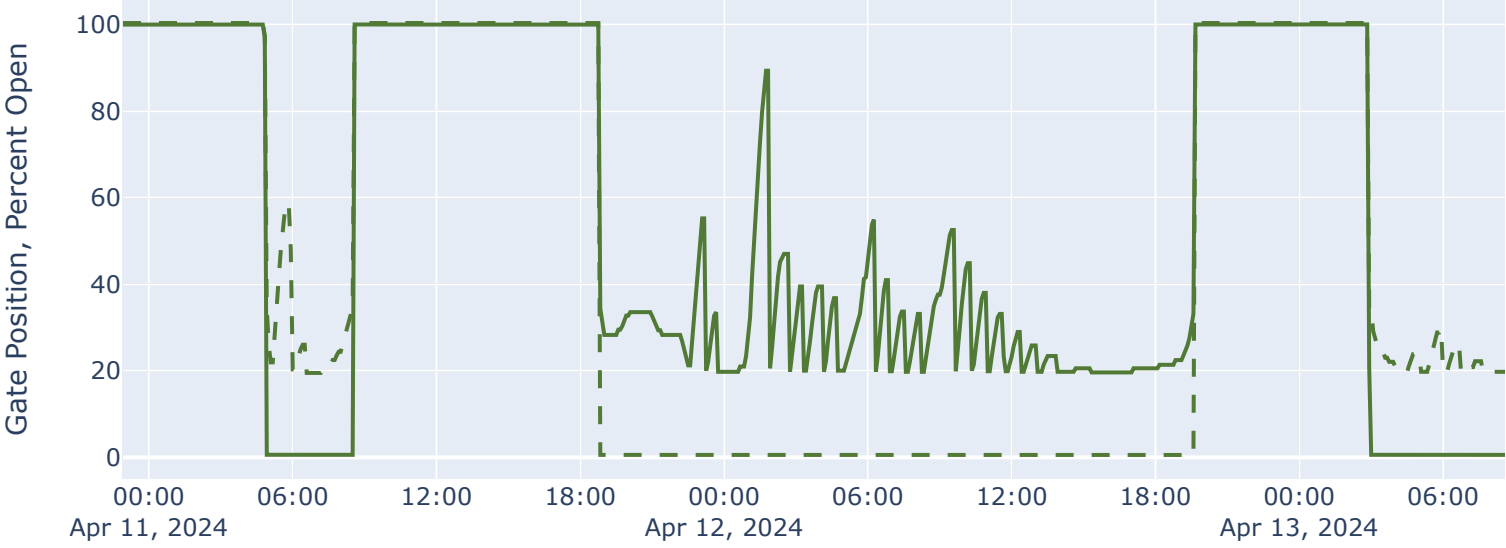
April 10, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	04/10/2024 22:55
Event End Date/Time	04/13/2024 08:35
Total Rainfall Accumulation (in)	2.89
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	43.83
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Poor
Data Issues	gap

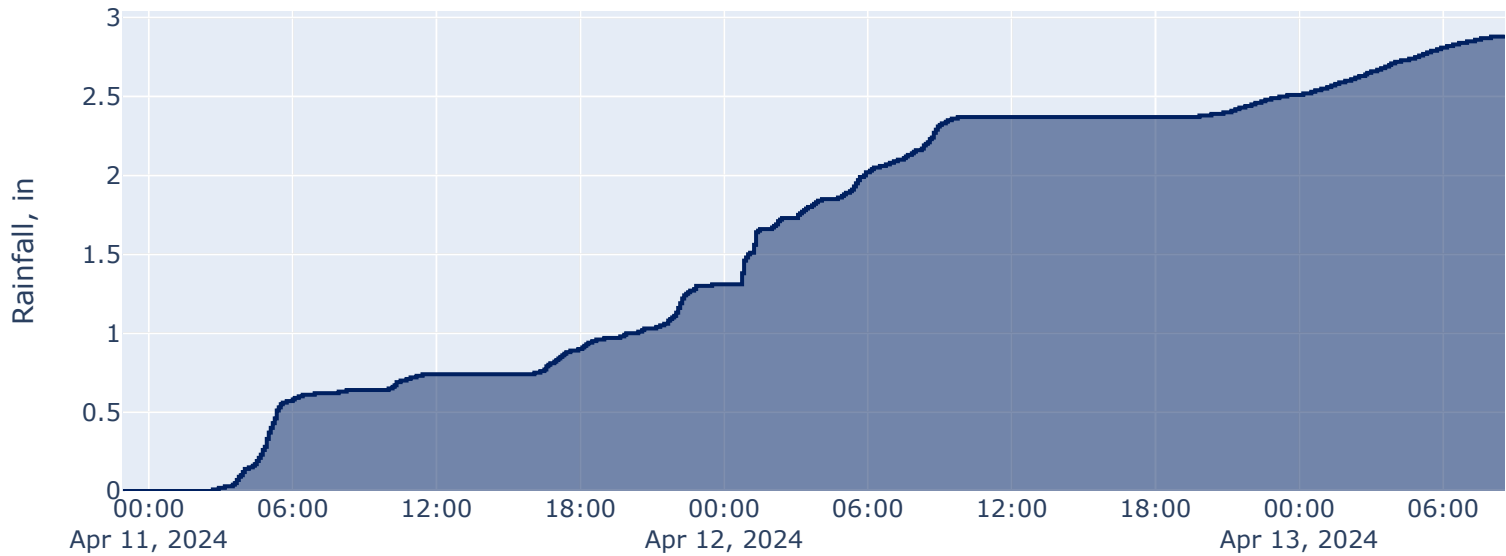
Overflow Data	Value
Overflow Volume Prevented (MG)	0.403
Percent Captured (%)	52
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.376
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.376
Overflow Duration (hr)	4.08



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.33	2.33
Site Return to Normal Depth (ft)	1.95	1.95
Time Activated	04/11/2024 04:45	04/11/2024 04:45
Time Returned to Normal	04/12/2024 19:40	04/12/2024 19:40



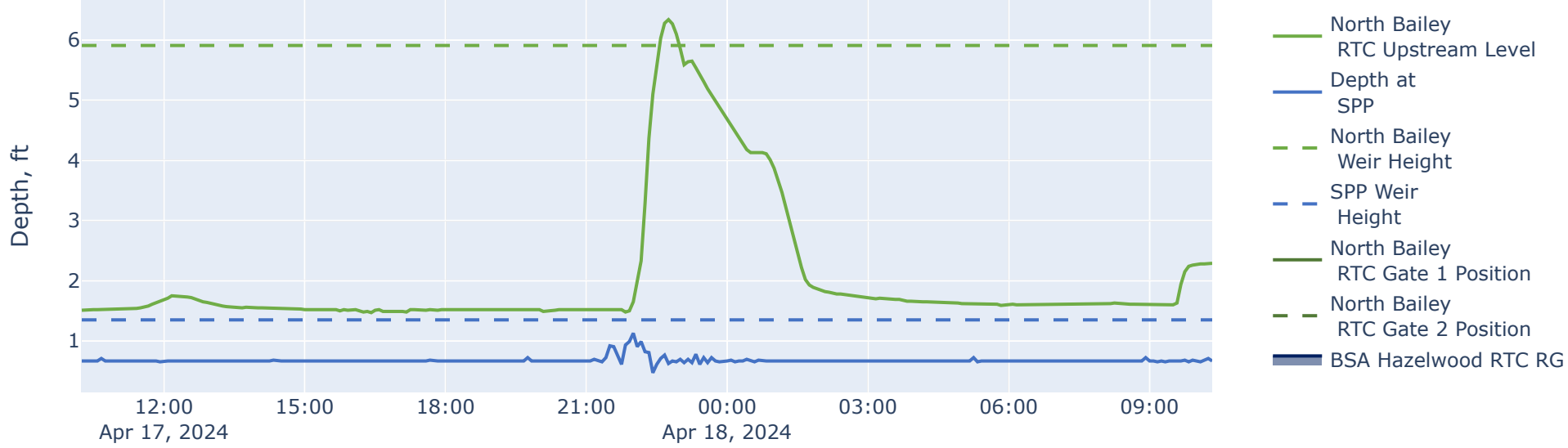
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.403
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	2.31
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



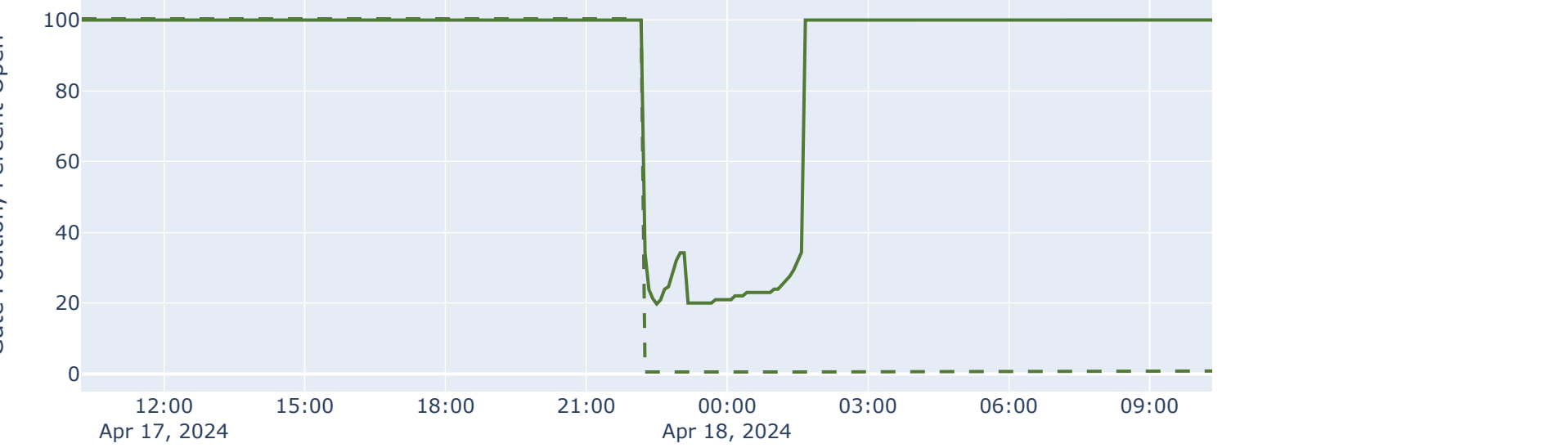
April 17, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	04/17/2024 10:15
Event End Date/Time	04/18/2024 10:20
Total Rainfall Accumulation (in)	0.67
Maximum Rainfall Intensity (in/hr)	1.68
Storm Event Duration (hr)	14.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

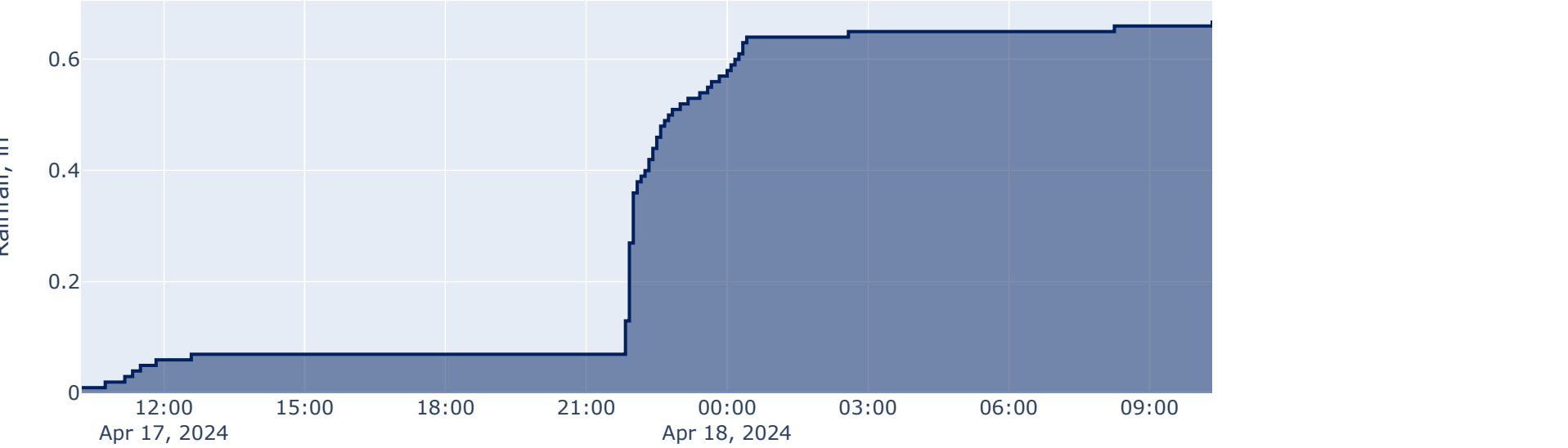
Overflow Data	Value
Overflow Volume Prevented (MG)	0.403
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



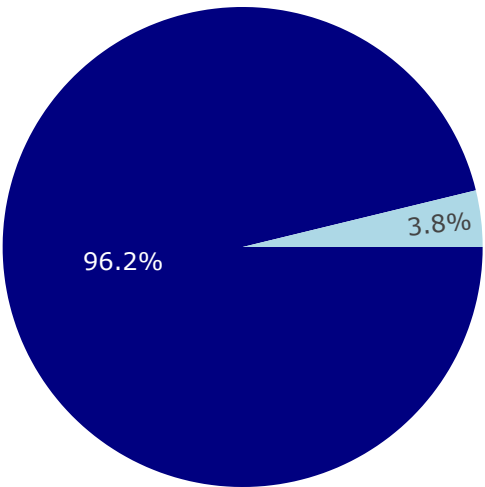
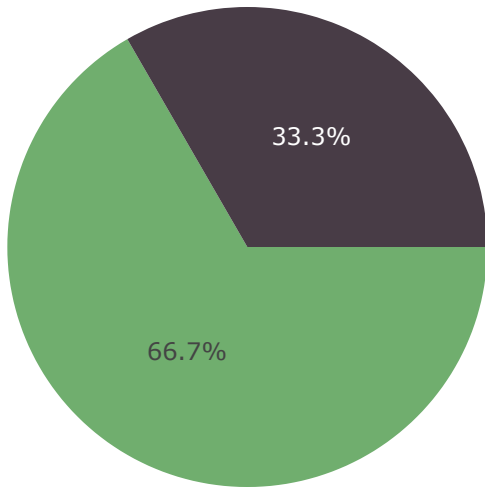
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.33	2.33
Site Return to Normal Depth (ft)	2.02	N/A
Time Activated	04/17/2024 22:10	04/17/2024 22:10
Time Returned to Normal	04/18/2024 01:40	N/A



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.403
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



May2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

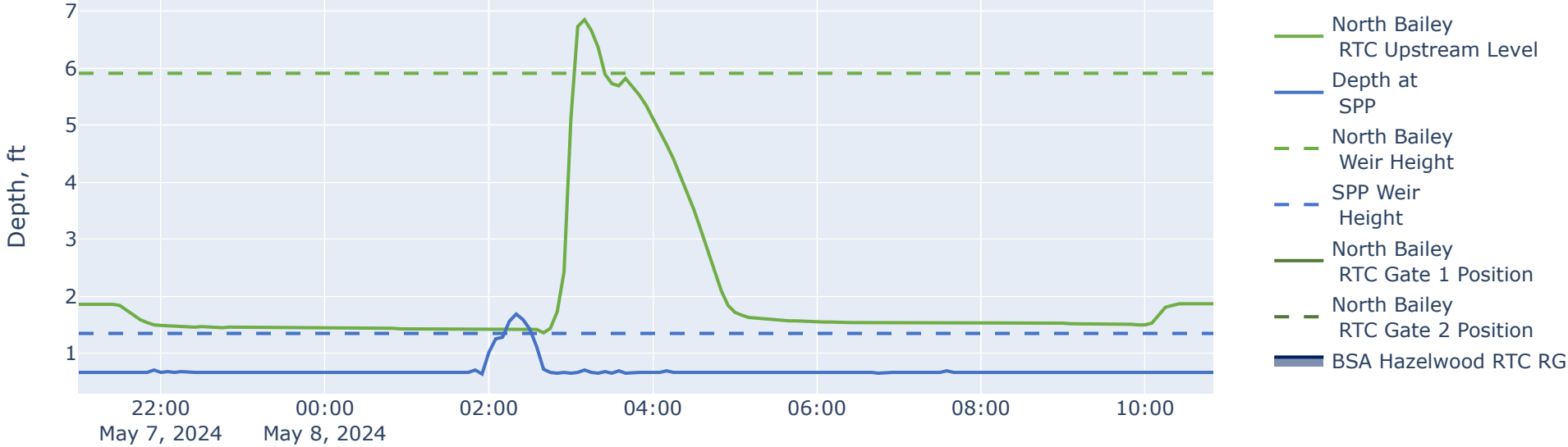
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
4	2	1.597	0.063	2.93

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 07, 2024	0.36	0.048	0.455	90	0.0	100	Poor
May 11, 2024	0.35	0.0	0.298	100	0.105	74	Poor
May 17, 2024	0.7	0.0	0.282	100	0.117	71	Poor
May 25, 2024	0.2	0.0	0.064	100	0.342	16	Poor
May 27, 2024	0.19	0.0	0.063	100	0.335	16	Poor
May 28, 2024	0.65	0.015	0.435	97	0.0	100	Poor

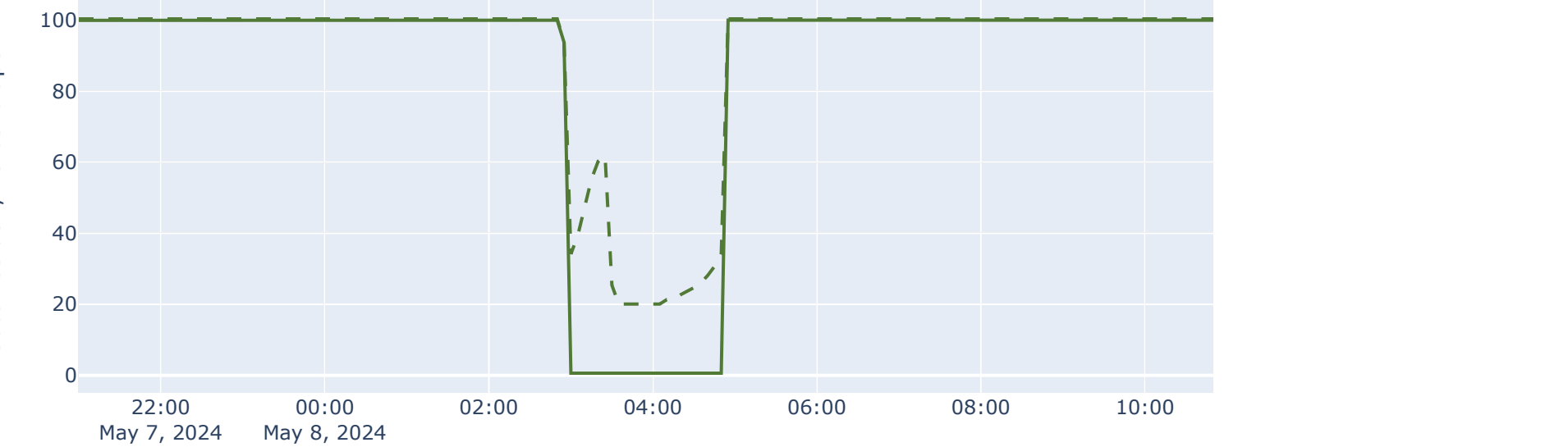
May 07, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/07/2024 21:00
Event End Date/Time	05/08/2024 10:50
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	1.44
Storm Event Duration (hr)	0.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

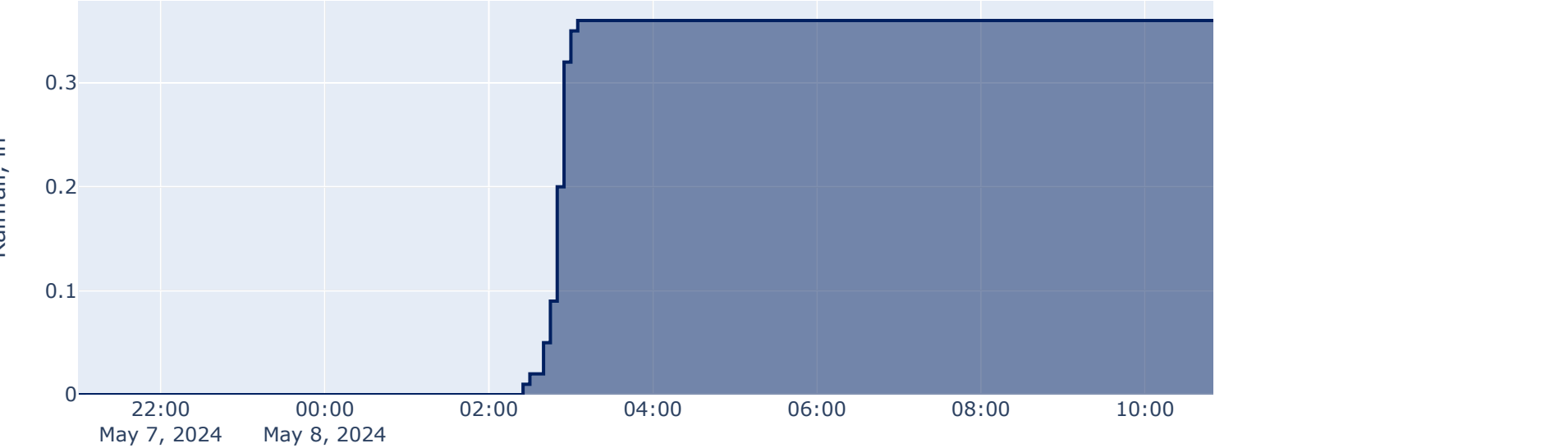
Overflow Data	Value
Overflow Volume Prevented (MG)	0.455
Percent Captured (%)	90
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.048
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.048
Overflow Duration (hr)	0.25



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.73	1.73
Site Return to Normal Depth (ft)	1.84	1.84
Time Activated	05/08/2024 02:50	05/08/2024 02:50
Time Returned to Normal	05/08/2024 04:55	05/08/2024 04:55



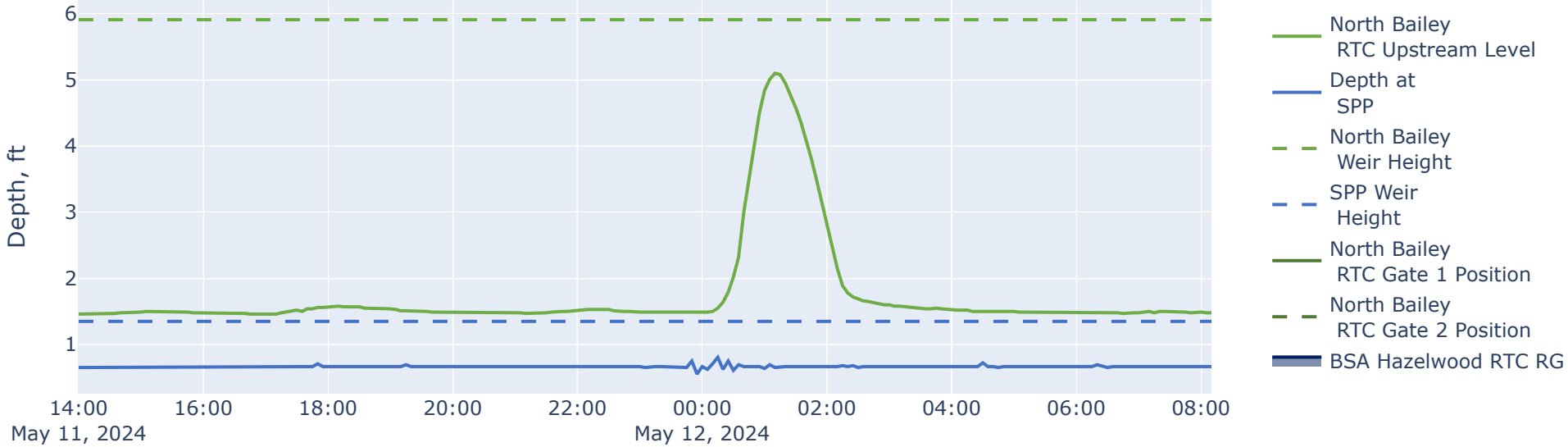
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.455
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.43
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



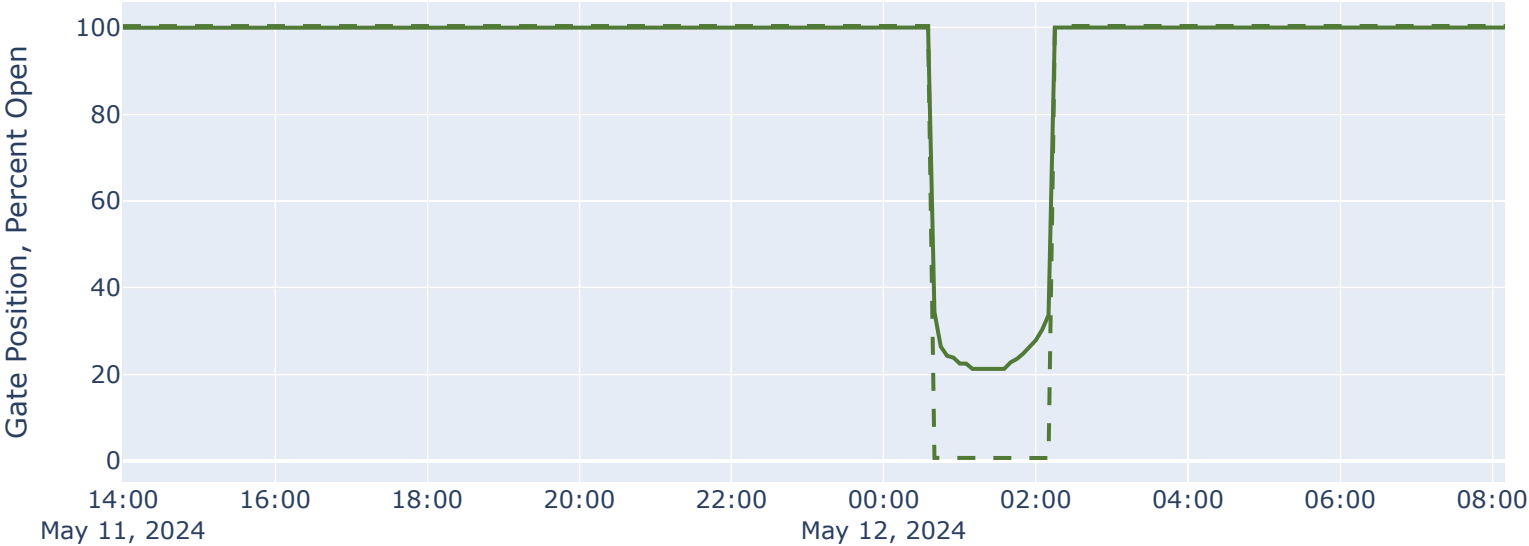
May 11, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/11/2024 14:00
Event End Date/Time	05/12/2024 08:10
Total Rainfall Accumulation (in)	0.35
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	17.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

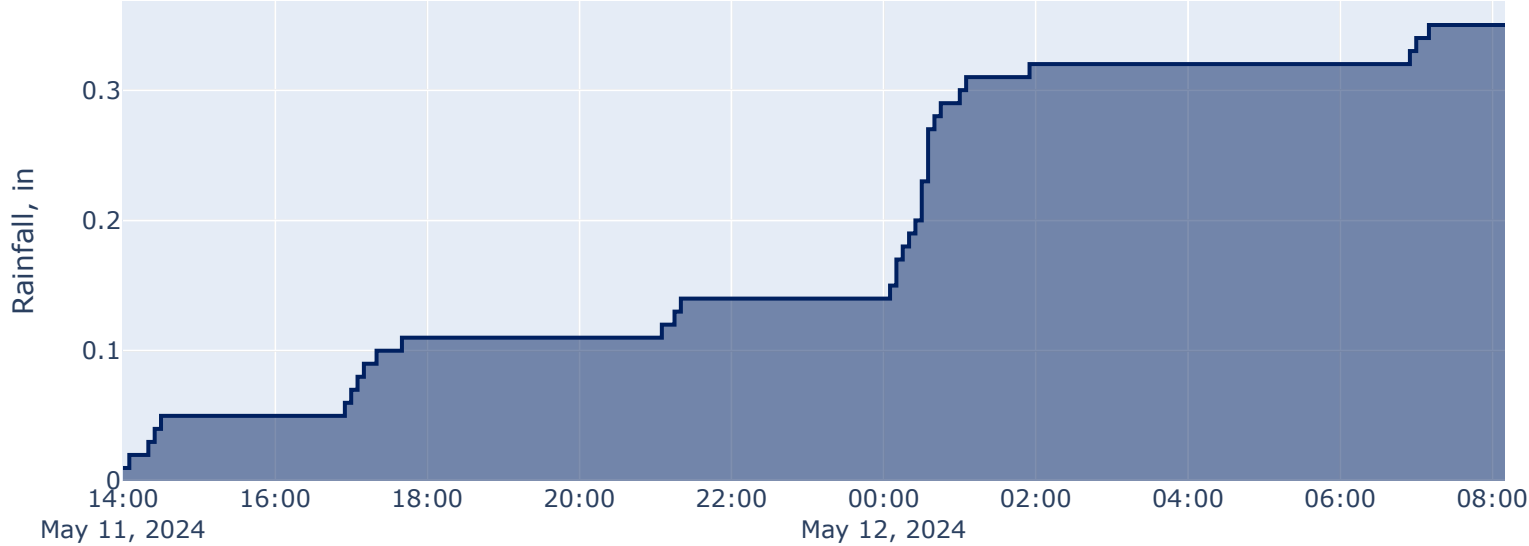
Overflow Data	Value
Overflow Volume Prevented (MG)	0.298
Percent Captured (%)	100
Unused Storage Volume (MG)	0.105
Overflow Before Storage Full	No
Storage Utilization (%)	74
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.32	2.32
Site Return to Normal Depth (ft)	1.89	1.89
Time Activated	05/12/2024 00:35	05/12/2024 00:35
Time Returned to Normal	05/12/2024 02:15	05/12/2024 02:15



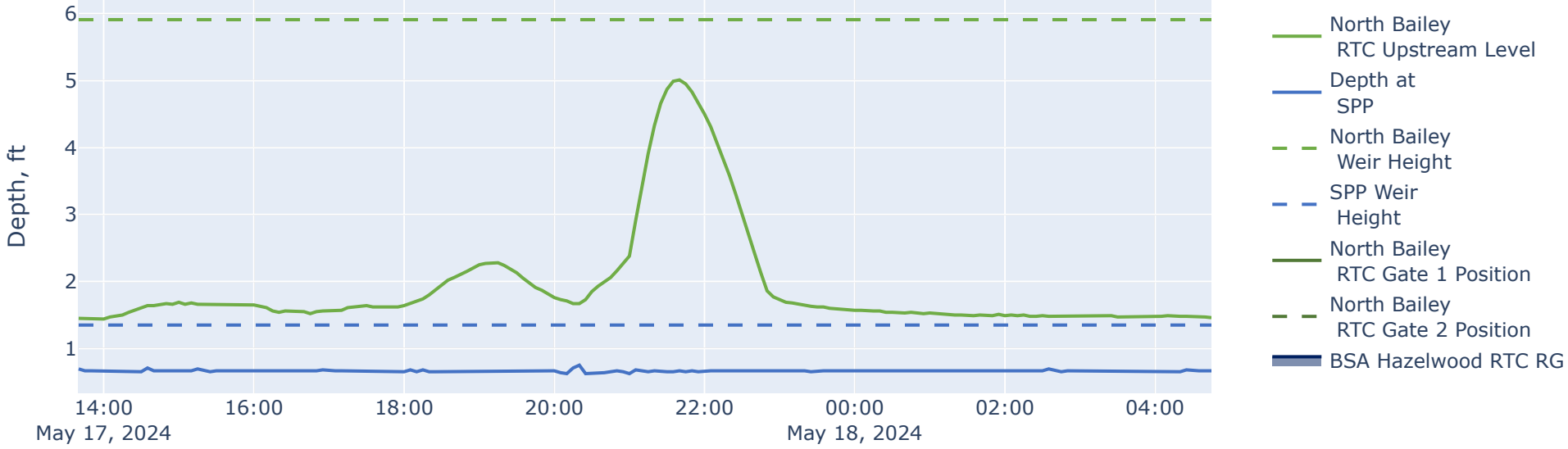
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.1
Volume Stored (MG)	0.298
Unused Storage Volume (MG)	0.105
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



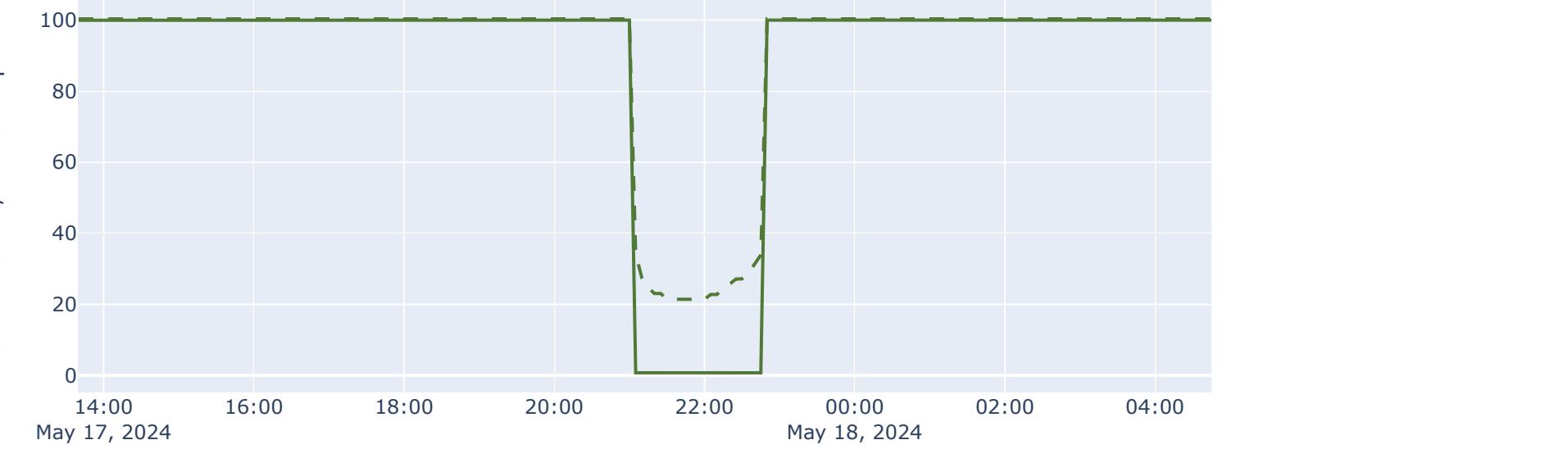
May 17, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/17/2024 13:40
Event End Date/Time	05/18/2024 04:45
Total Rainfall Accumulation (in)	0.7
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	8.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

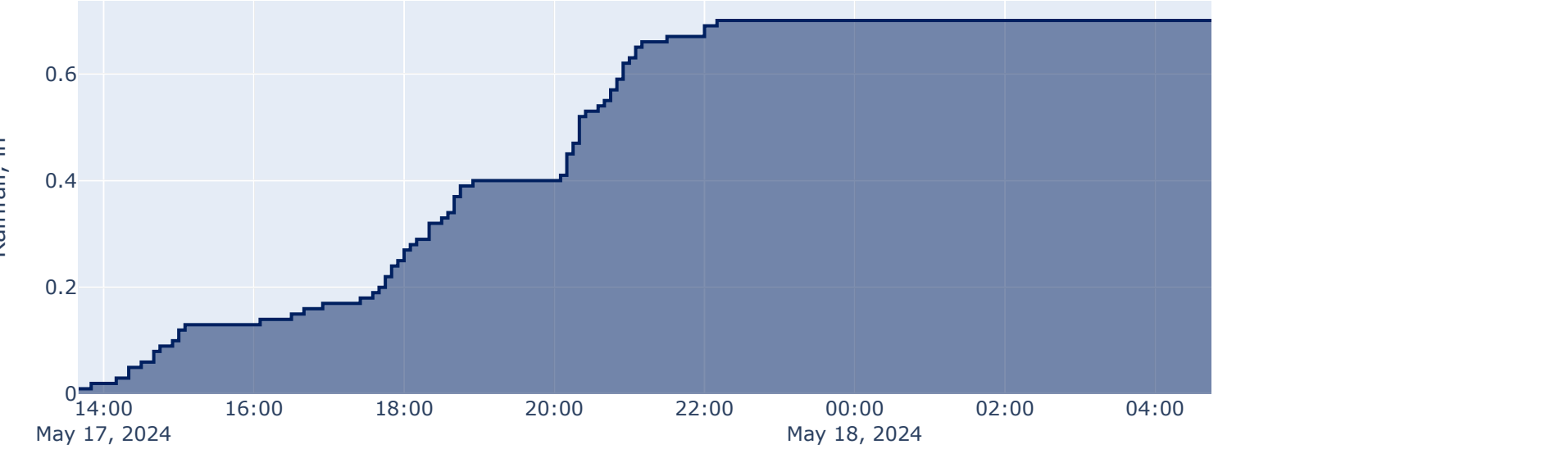
Overflow Data	Value
Overflow Volume Prevented (MG)	0.282
Percent Captured (%)	100
Unused Storage Volume (MG)	0.117
Overflow Before Storage Full	No
Storage Utilization (%)	71
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.38	2.38
Site Return to Normal Depth (ft)	1.86	1.86
Time Activated	05/17/2024 21:00	05/17/2024 21:00
Time Returned to Normal	05/17/2024 22:50	05/17/2024 22:50



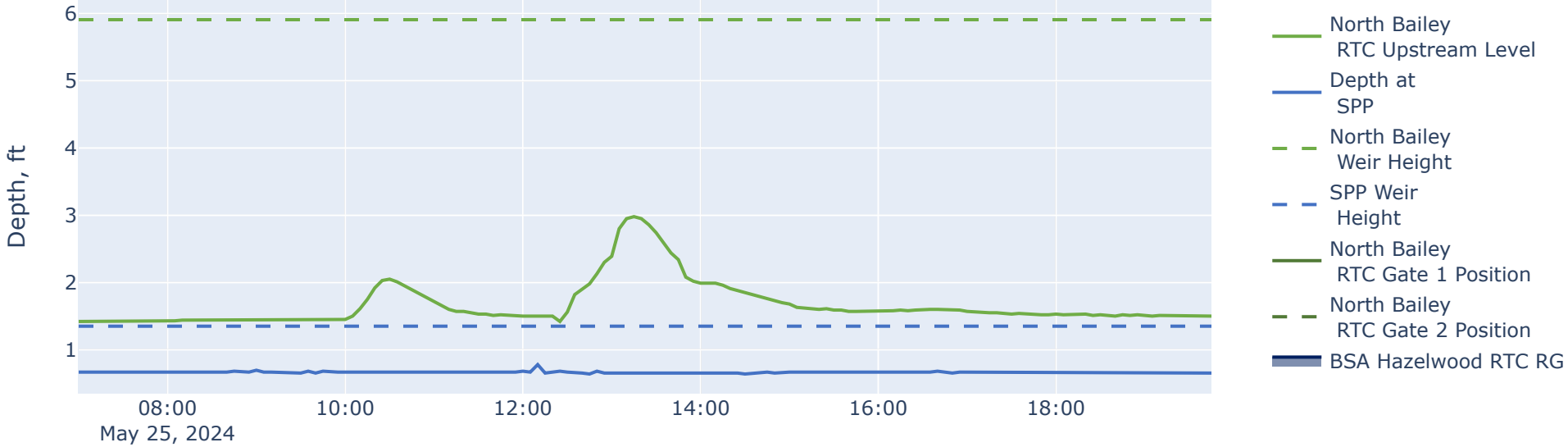
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.01
Volume Stored (MG)	0.282
Unused Storage Volume (MG)	0.117
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



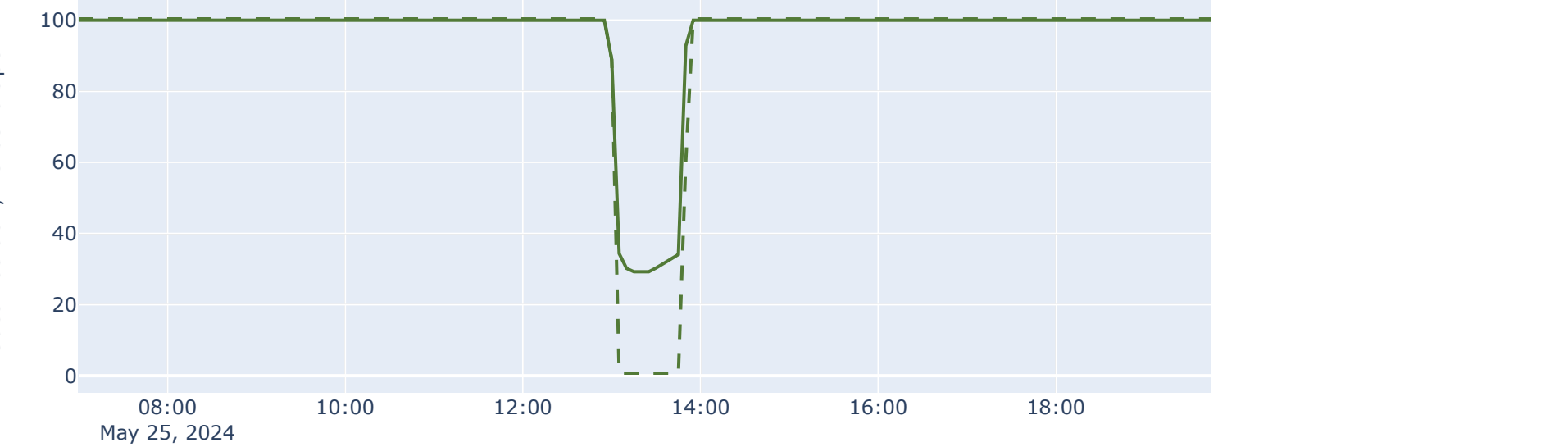
May 25, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/25/2024 07:00
Event End Date/Time	05/25/2024 19:45
Total Rainfall Accumulation (in)	0.2
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	3.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

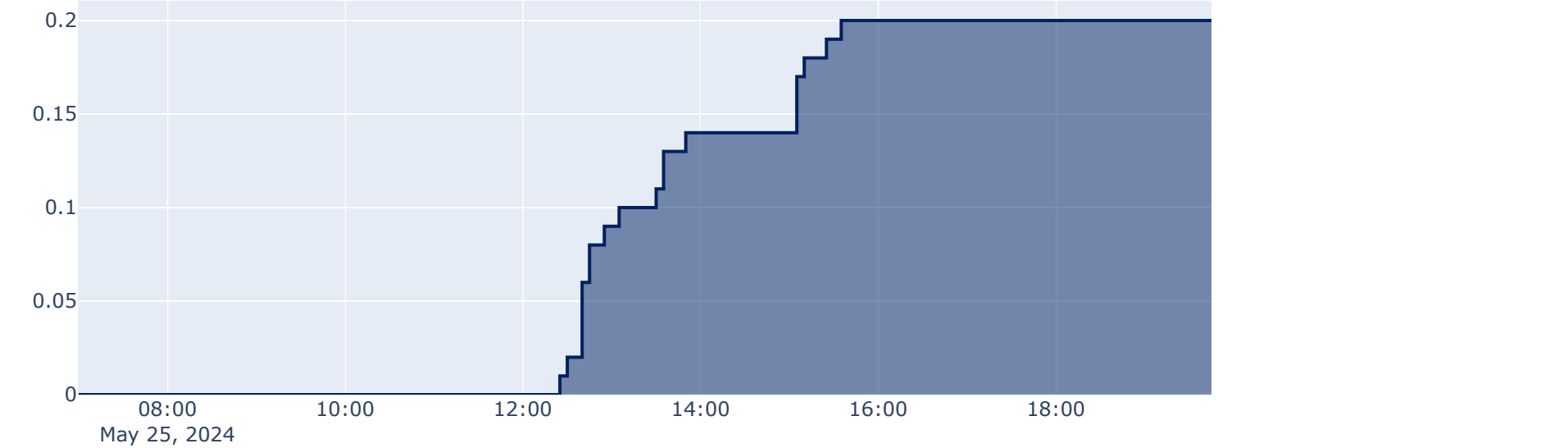
Overflow Data	Value
Overflow Volume Prevented (MG)	0.064
Percent Captured (%)	100
Unused Storage Volume (MG)	0.342
Overflow Before Storage Full	No
Storage Utilization (%)	16
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.3	2.3
Site Return to Normal Depth (ft)	2.02	2.02
Time Activated	05/25/2024 12:55	05/25/2024 12:55
Time Returned to Normal	05/25/2024 13:55	05/25/2024 13:55



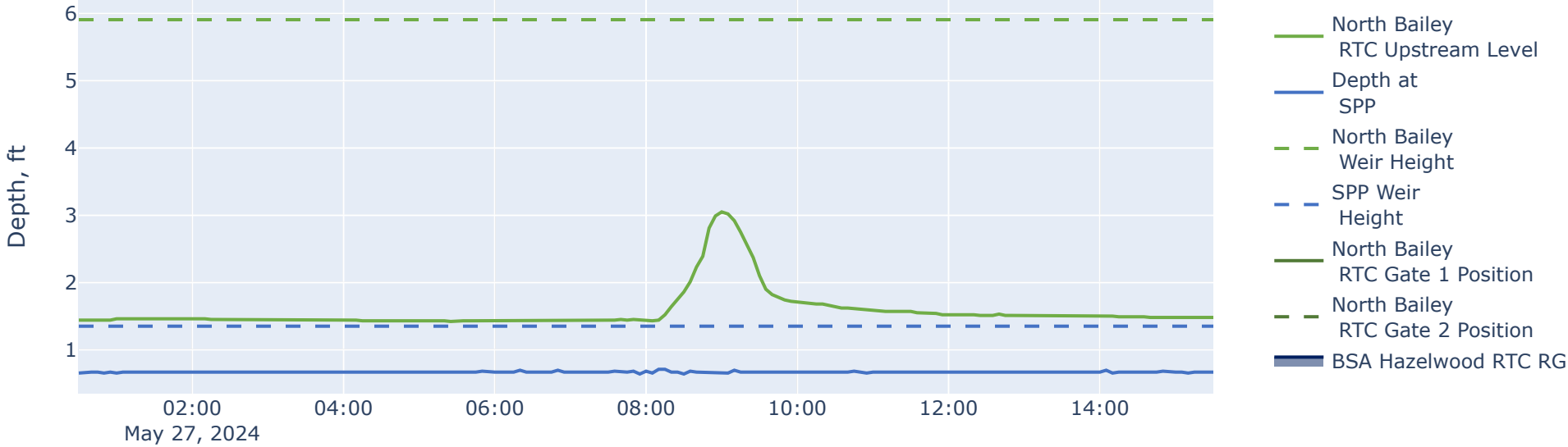
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	2.98
Volume Stored (MG)	0.064
Unused Storage Volume (MG)	0.342
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



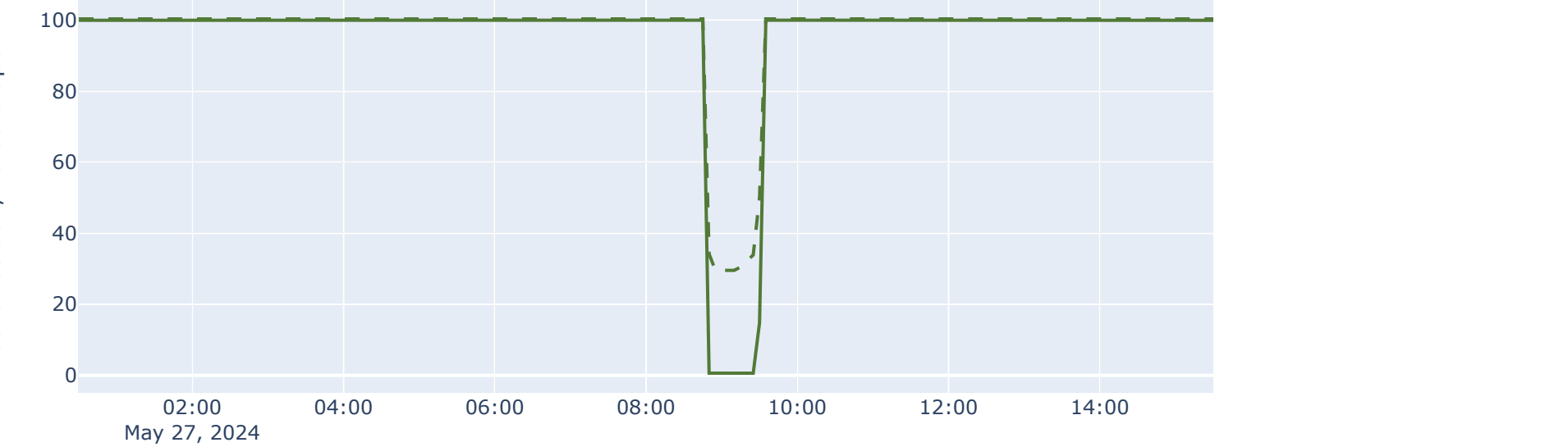
May 27, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/27/2024 00:30
Event End Date/Time	05/27/2024 15:30
Total Rainfall Accumulation (in)	0.19
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	2.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

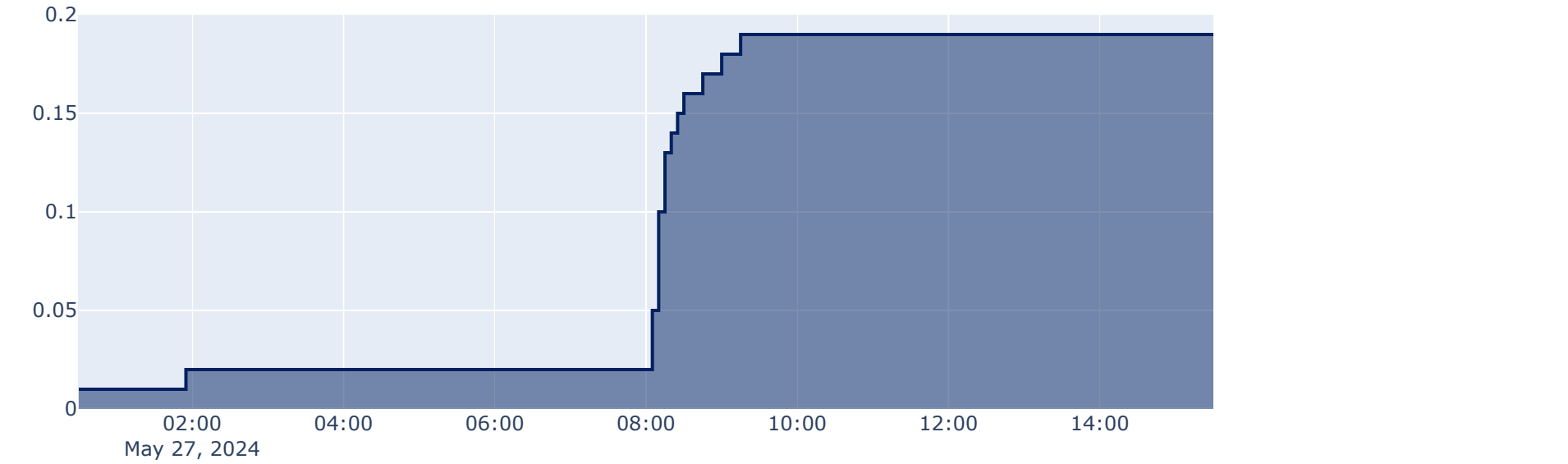
Overflow Data	Value
Overflow Volume Prevented (MG)	0.063
Percent Captured (%)	100
Unused Storage Volume (MG)	0.335
Overflow Before Storage Full	No
Storage Utilization (%)	16
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.39	2.39
Site Return to Normal Depth (ft)	1.9	1.9
Time Activated	05/27/2024 08:45	05/27/2024 08:45
Time Returned to Normal	05/27/2024 09:35	05/27/2024 09:35



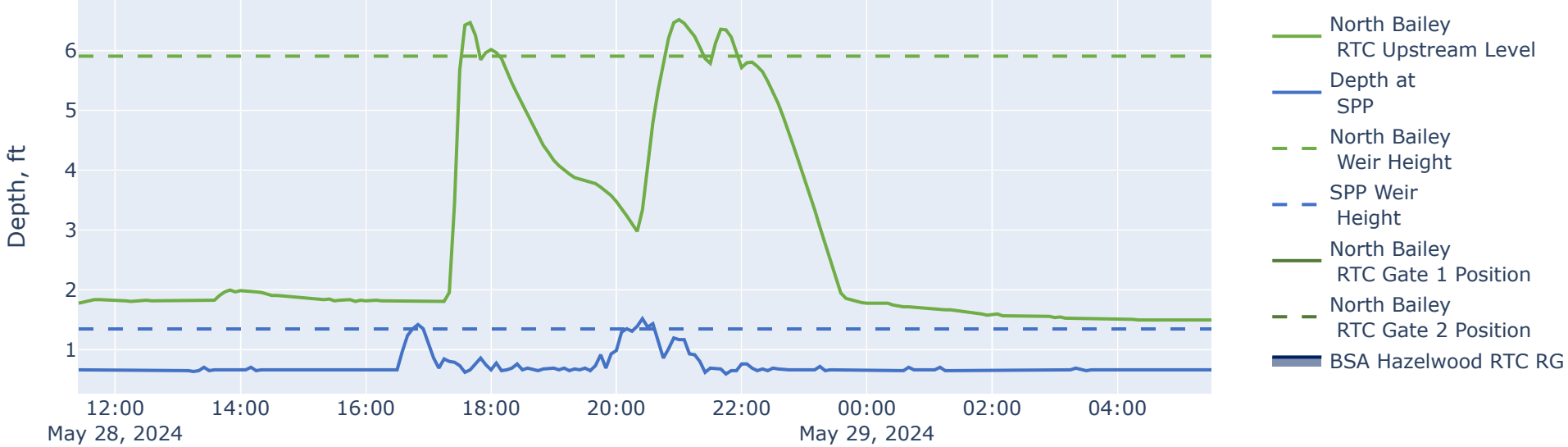
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	3.05
Volume Stored (MG)	0.063
Unused Storage Volume (MG)	0.335
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



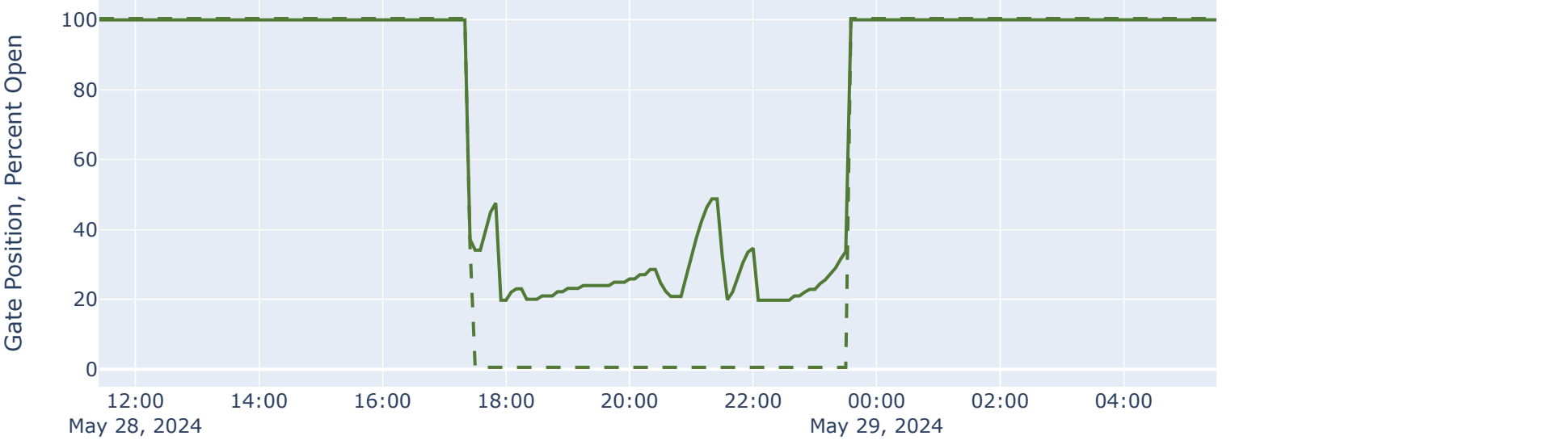
May 28, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	05/28/2024 11:25
Event End Date/Time	05/29/2024 05:30
Total Rainfall Accumulation (in)	0.65
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	11.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

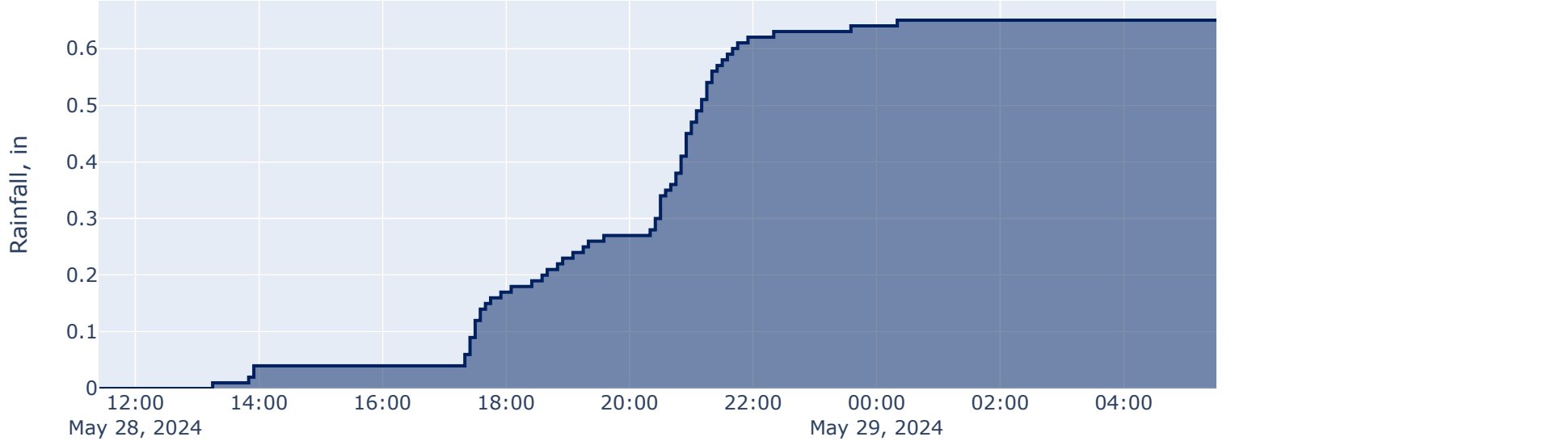
Overflow Data	Value
Overflow Volume Prevented (MG)	0.435
Percent Captured (%)	97
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.015
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.015
Overflow Duration (hr)	3.83



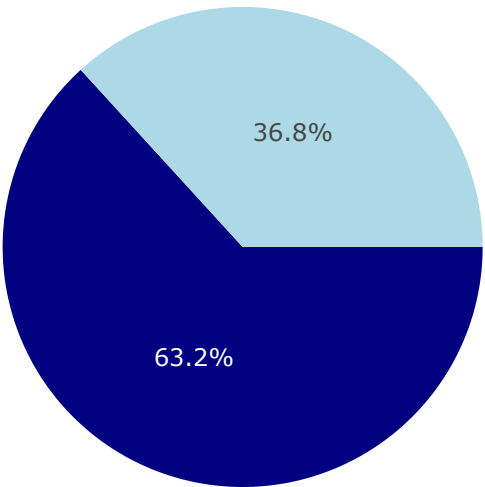
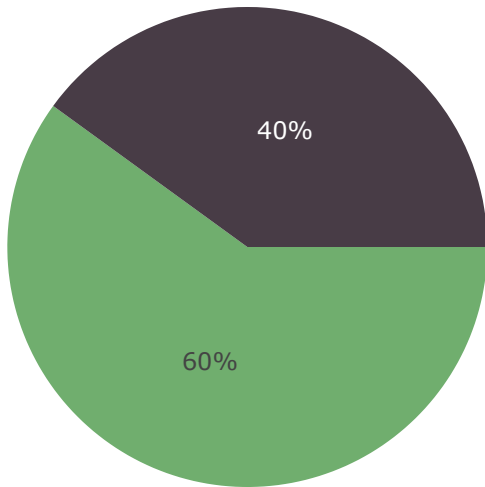
RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	1.96	1.96
Site Return to Normal Depth (ft)	1.95	1.95
Time Activated	05/28/2024 17:20	05/28/2024 17:20
Time Returned to Normal	05/28/2024 23:35	05/28/2024 23:35



RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.435
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.83
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



Jun2024 KPI Report for SPP338
RTC Site(s) North Bailey - v1.0.4



- SPP Activation Prevented
- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

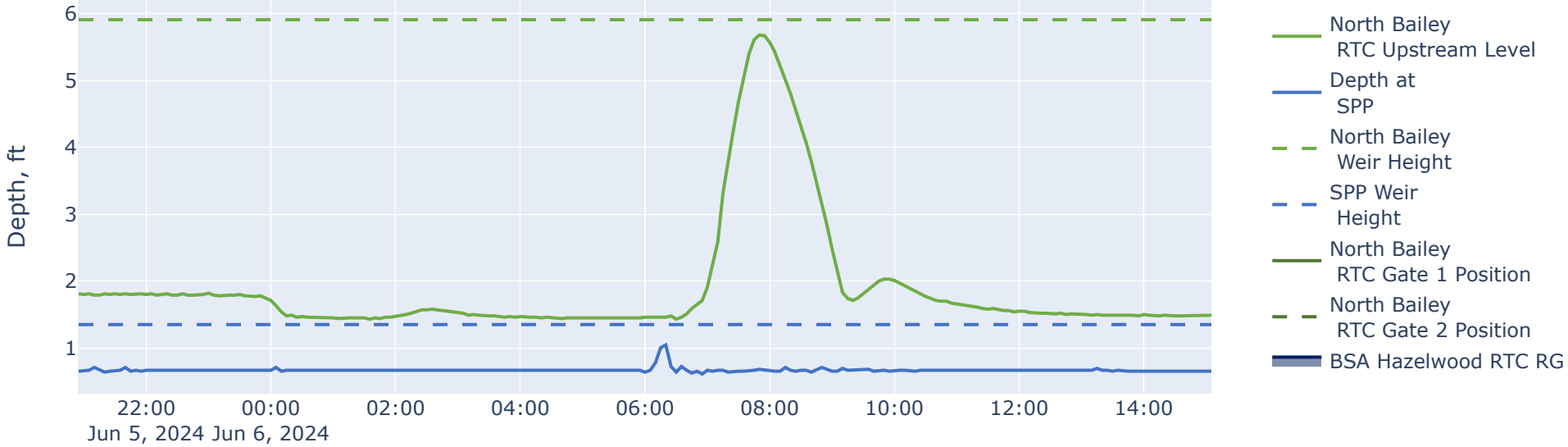
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
3	2	1.727	1.005	5.79

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 05, 2024	0.77	0.0	0.38	100	0.031	92	Poor
June 08, 2024	0.98	0.0	0.409	100	0.0	100	Poor
June 18, 2024	0.93	0.503	0.417	45	0.0	100	Good
June 19, 2024	0.32	0.0	0.118	100	0.282	30	Good
June 29, 2024	2.08	0.502	0.403	45	0.0	100	Good

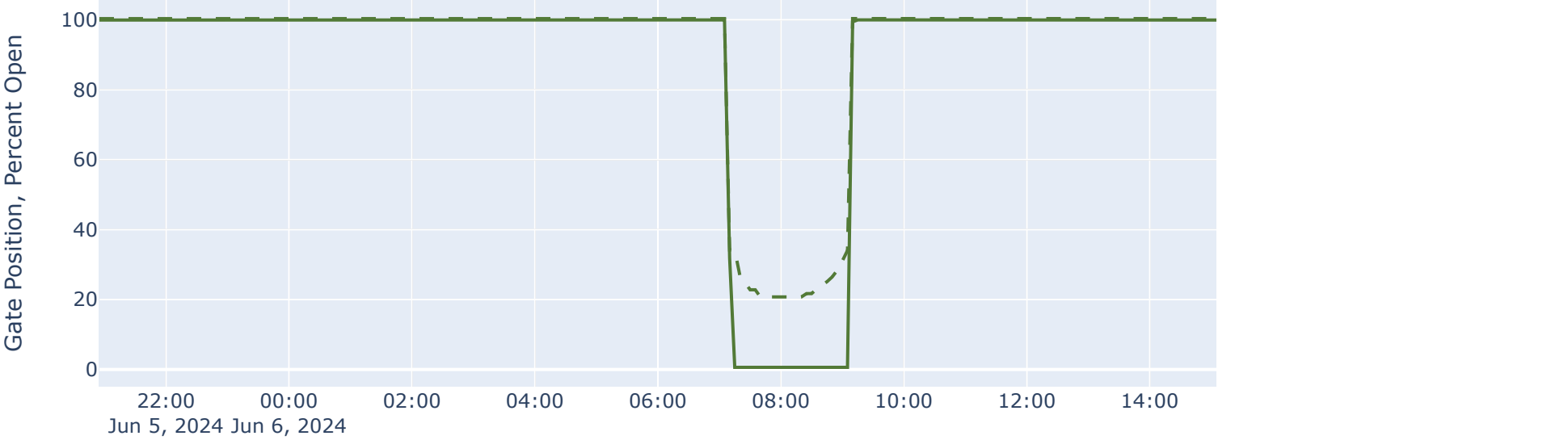
June 05, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	06/05/2024 20:55
Event End Date/Time	06/06/2024 15:05
Total Rainfall Accumulation (in)	0.77
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	12.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

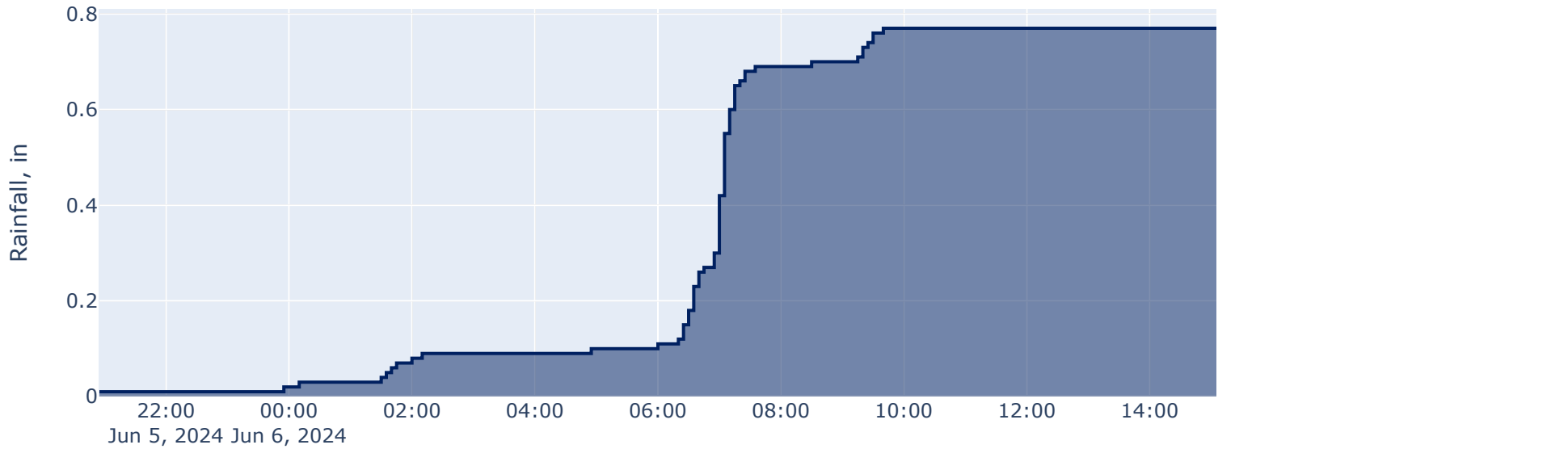
Overflow Data	Value
Overflow Volume Prevented (MG)	0.38
Percent Captured (%)	100
Unused Storage Volume (MG)	0.031
Overflow Before Storage Full	No
Storage Utilization (%)	92
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.24	2.24
Site Return to Normal Depth (ft)	1.83	1.83
Time Activated	06/06/2024 07:05	06/06/2024 07:05
Time Returned to Normal	06/06/2024 09:10	06/06/2024 09:10



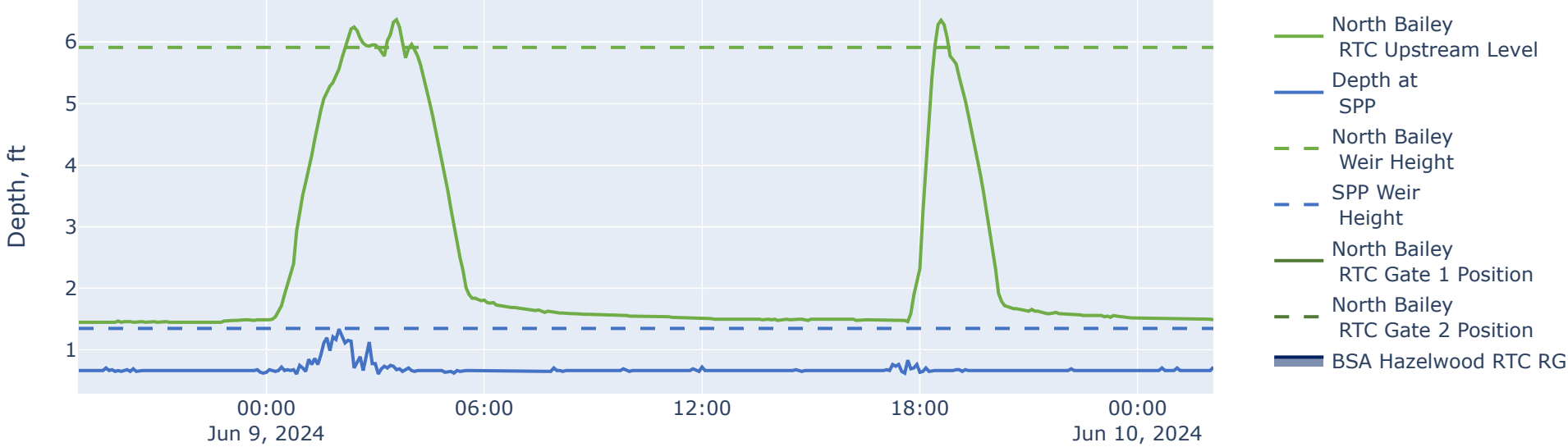
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.68
Volume Stored (MG)	0.38
Unused Storage Volume (MG)	0.031
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



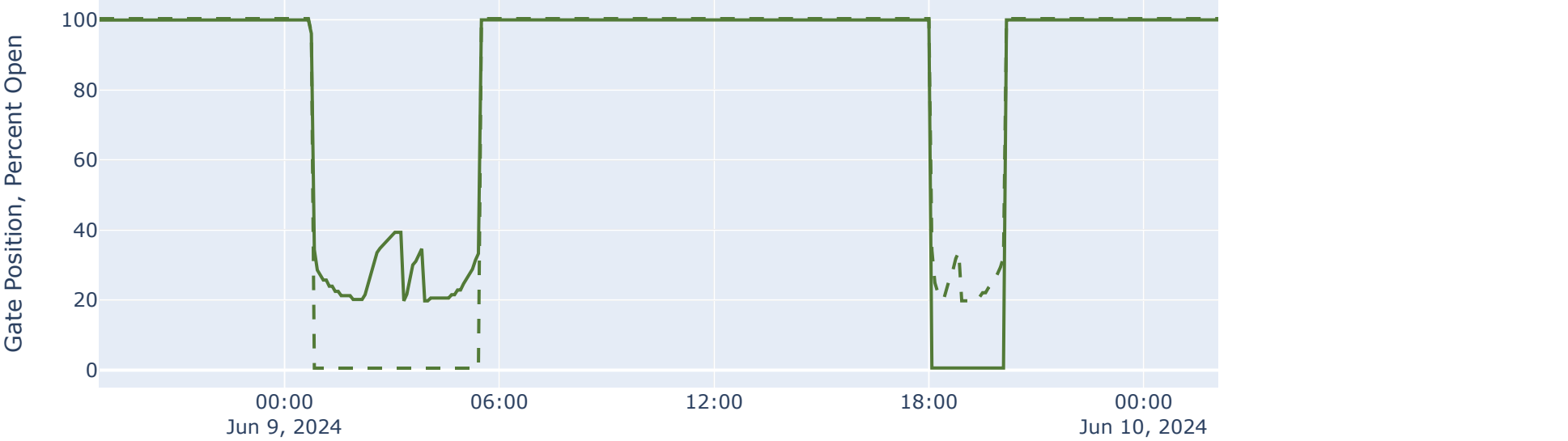
June 08, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	06/08/2024 18:50
Event End Date/Time	06/10/2024 02:05
Total Rainfall Accumulation (in)	0.98
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	9.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

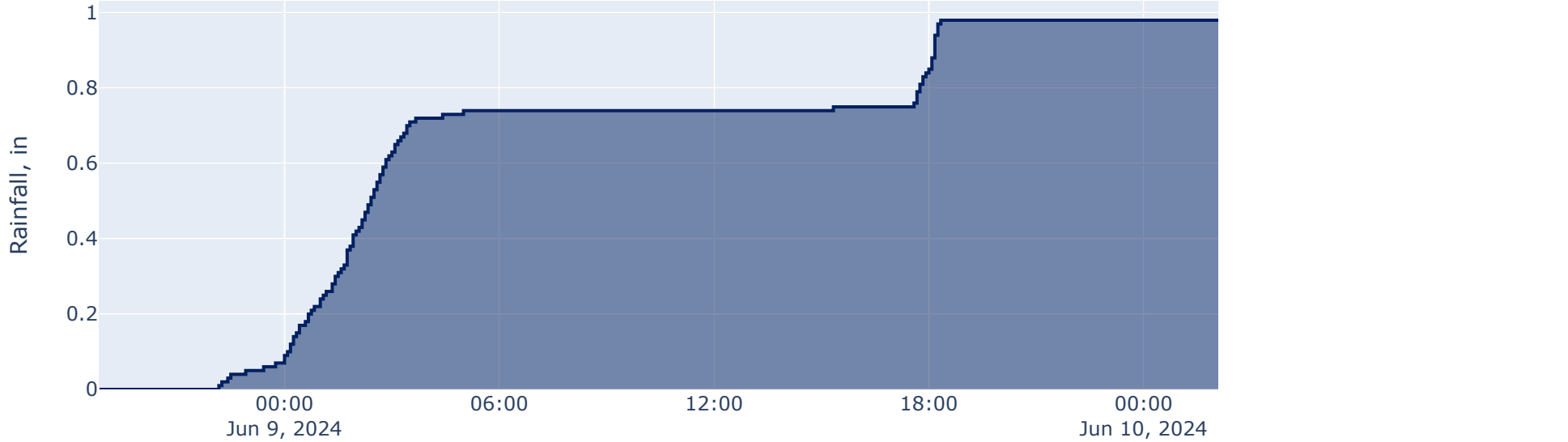
Overflow Data	Value
Overflow Volume Prevented (MG)	0.409
Percent Captured (%)	100
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	No
Storage Utilization (%)	100
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.26	2.26
Site Return to Normal Depth (ft)	1.92	1.92
Time Activated	06/09/2024 00:40	06/09/2024 00:40
Time Returned to Normal	06/09/2024 20:10	06/09/2024 20:10



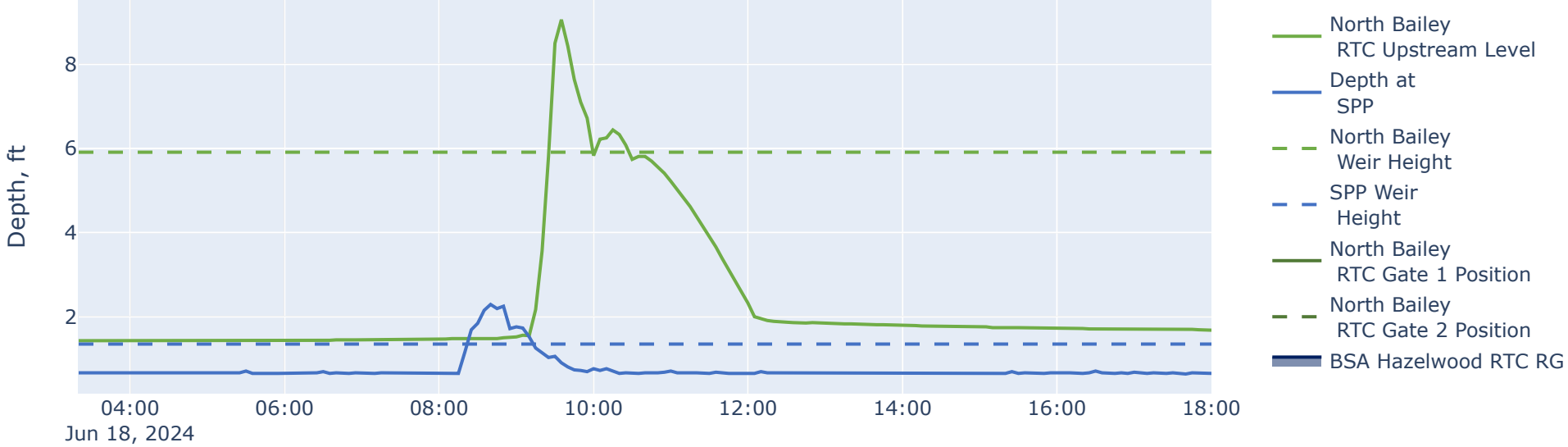
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.409
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



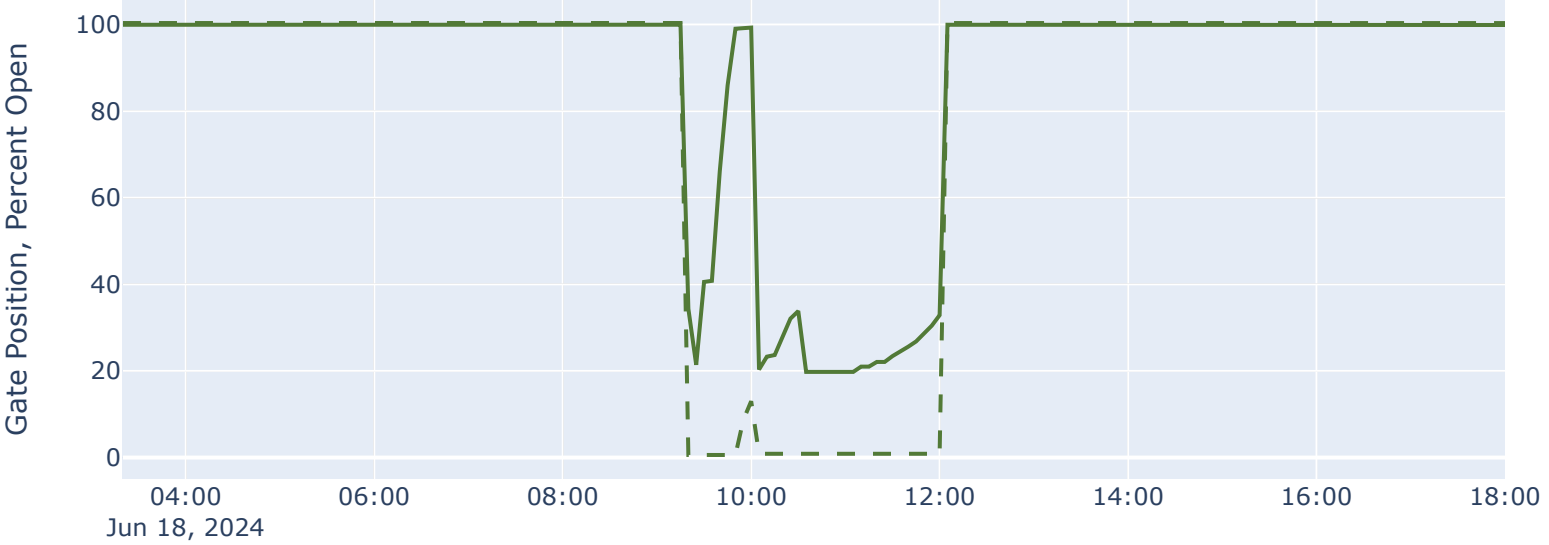
June 18, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	06/18/2024 03:20
Event End Date/Time	06/18/2024 18:00
Total Rainfall Accumulation (in)	0.93
Maximum Rainfall Intensity (in/hr)	2.76
Storm Event Duration (hr)	1.08
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Good
Data Issues	N/A

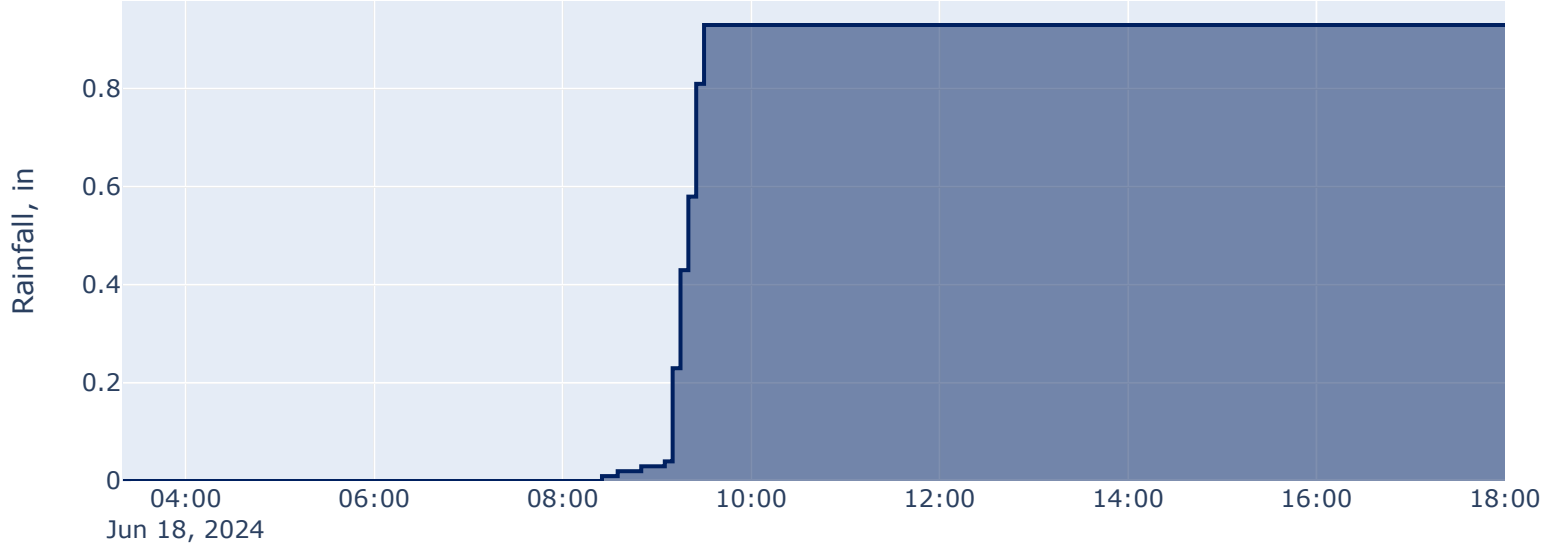
Overflow Data	Value
Overflow Volume Prevented (MG)	0.417
Percent Captured (%)	45
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.503
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.503
Overflow Duration (hr)	0.75



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.17	2.17
Site Return to Normal Depth (ft)	2.0	2.0
Time Activated	06/18/2024 09:15	06/18/2024 09:15
Time Returned to Normal	06/18/2024 12:05	06/18/2024 12:05



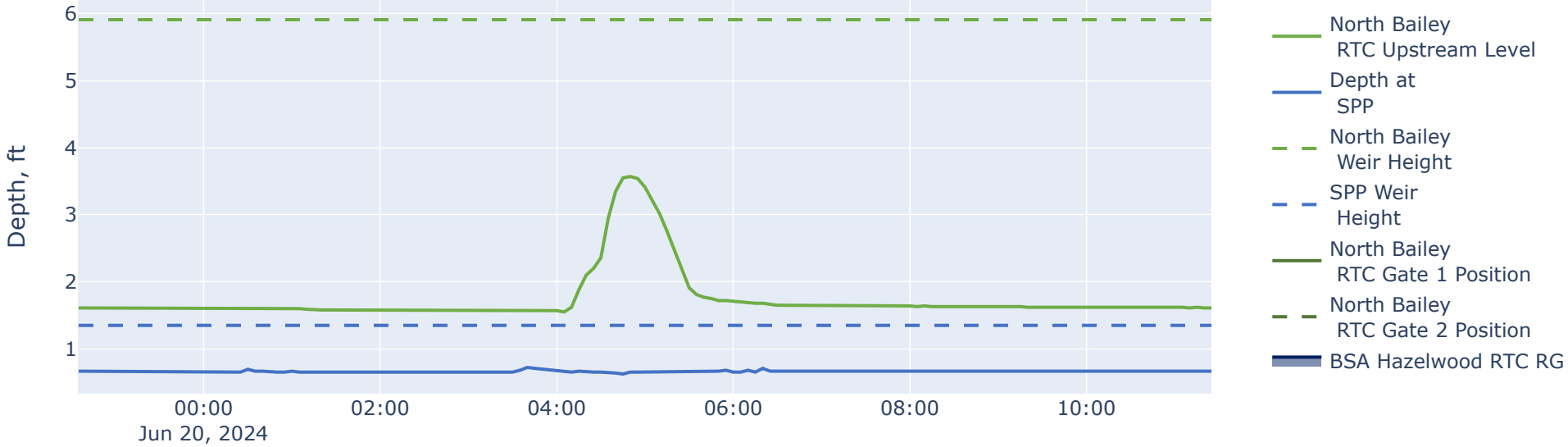
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.417
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.47
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes



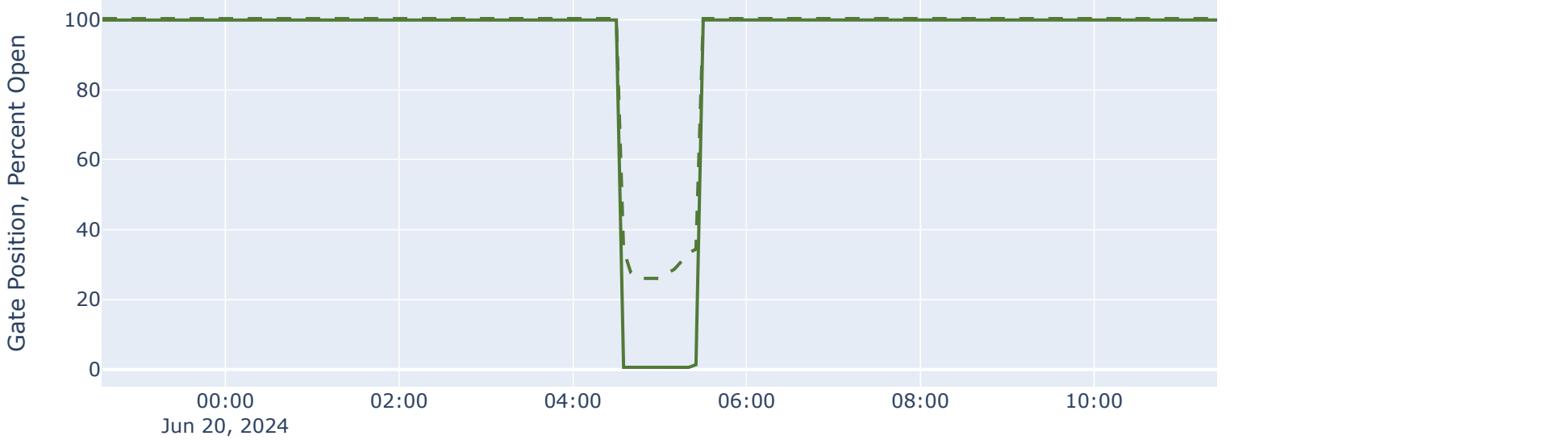
June 19, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	06/19/2024 22:35
Event End Date/Time	06/20/2024 11:25
Total Rainfall Accumulation (in)	0.32
Maximum Rainfall Intensity (in/hr)	1.08
Storm Event Duration (hr)	0.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

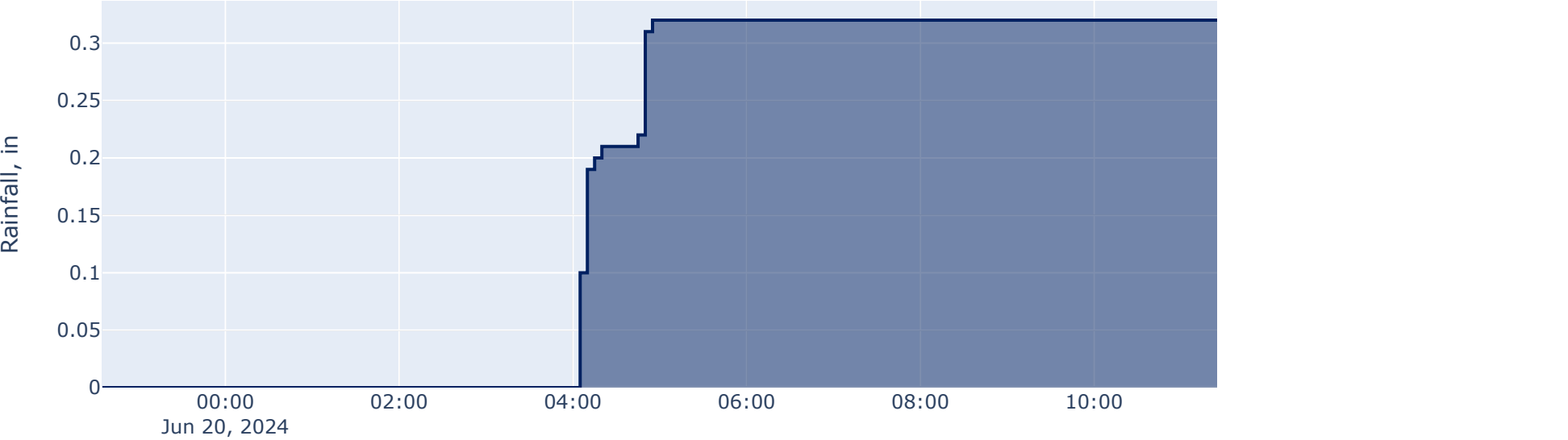
Overflow Data	Value
Overflow Volume Prevented (MG)	0.118
Percent Captured (%)	100
Unused Storage Volume (MG)	0.282
Overflow Before Storage Full	No
Storage Utilization (%)	30
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.36	2.36
Site Return to Normal Depth (ft)	1.91	1.91
Time Activated	06/20/2024 04:30	06/20/2024 04:30
Time Returned to Normal	06/20/2024 05:30	06/20/2024 05:30



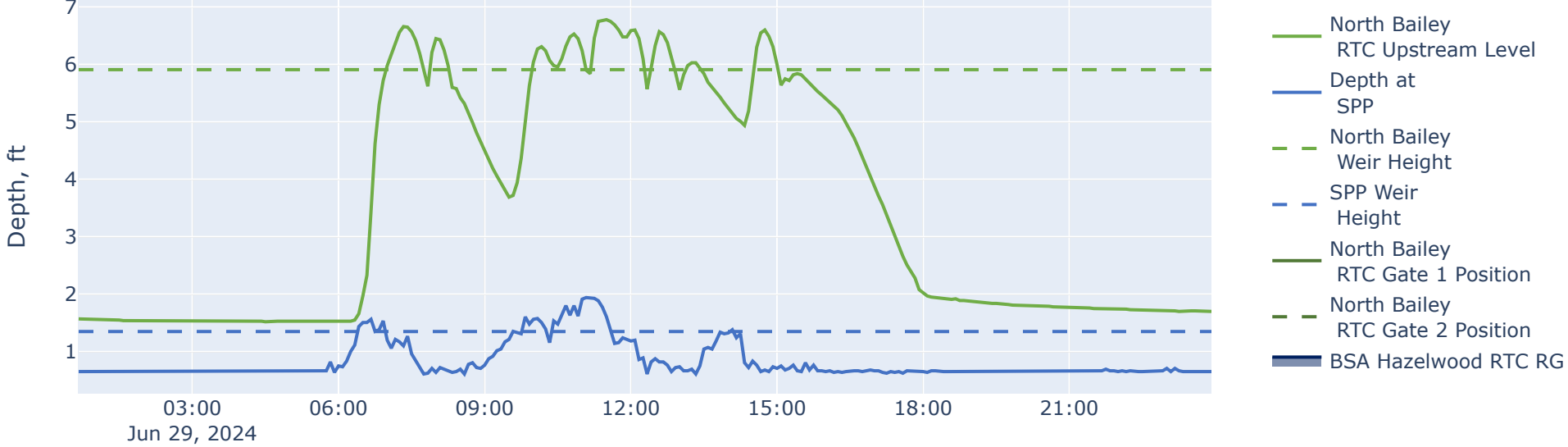
RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	3.57
Volume Stored (MG)	0.118
Unused Storage Volume (MG)	0.282
RTC Depth at Overflow Start (ft)	N/A
Overflow Before Gate Activation	N/A
Overflow Before Storage Full	No



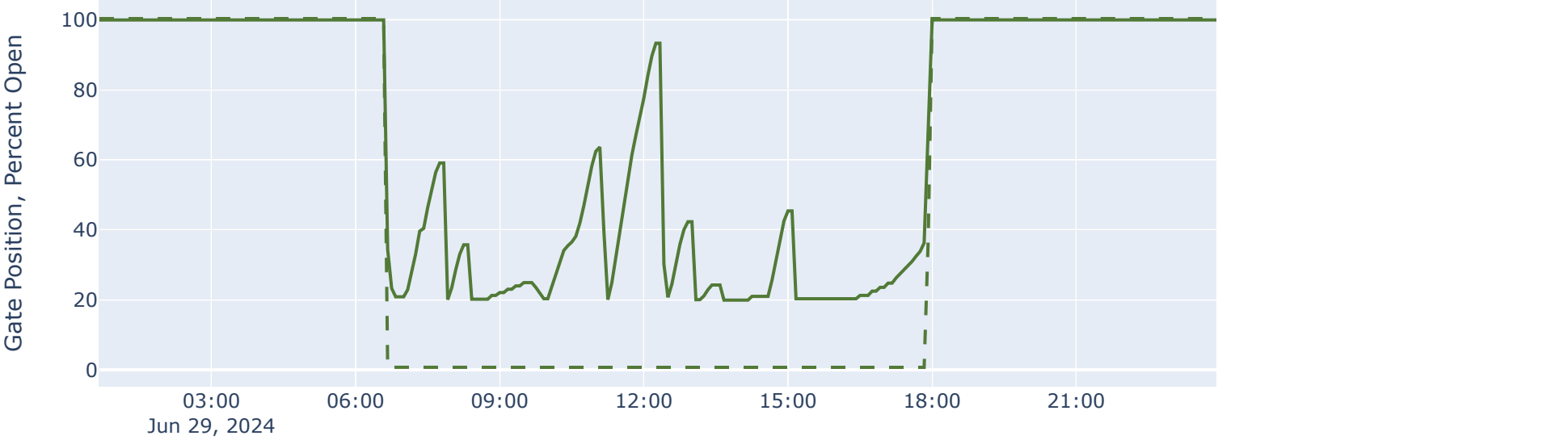
June 29, 2024 SPP338
RTC Site(s) North Bailey - v1.0.4

Event Data	Value
Event Start Date/Time	06/29/2024 00:40
Event End Date/Time	06/29/2024 23:55
Total Rainfall Accumulation (in)	2.08
Maximum Rainfall Intensity (in/hr)	1.68
Storm Event Duration (hr)	9.42
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Good
Data Issues	N/A

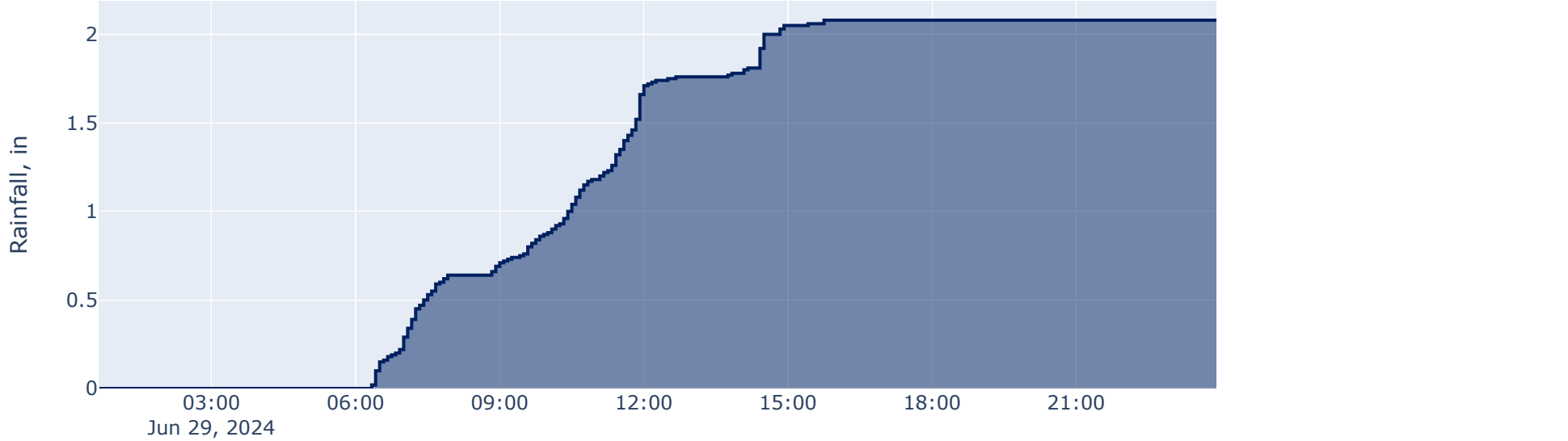
Overflow Data	Value
Overflow Volume Prevented (MG)	0.403
Percent Captured (%)	45
Unused Storage Volume (MG)	0.0
Overflow Before Storage Full	Yes
Storage Utilization (%)	100
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.502
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	0.502
Overflow Duration (hr)	7.67



RTC Sites	North Bailey Gate 1	North Bailey Gate 2
Site Depth at Activation (ft)	2.33	2.33
Site Return to Normal Depth (ft)	2.01	2.01
Time Activated	06/29/2024 06:35	06/29/2024 06:35
Time Returned to Normal	06/29/2024 18:00	06/29/2024 18:00

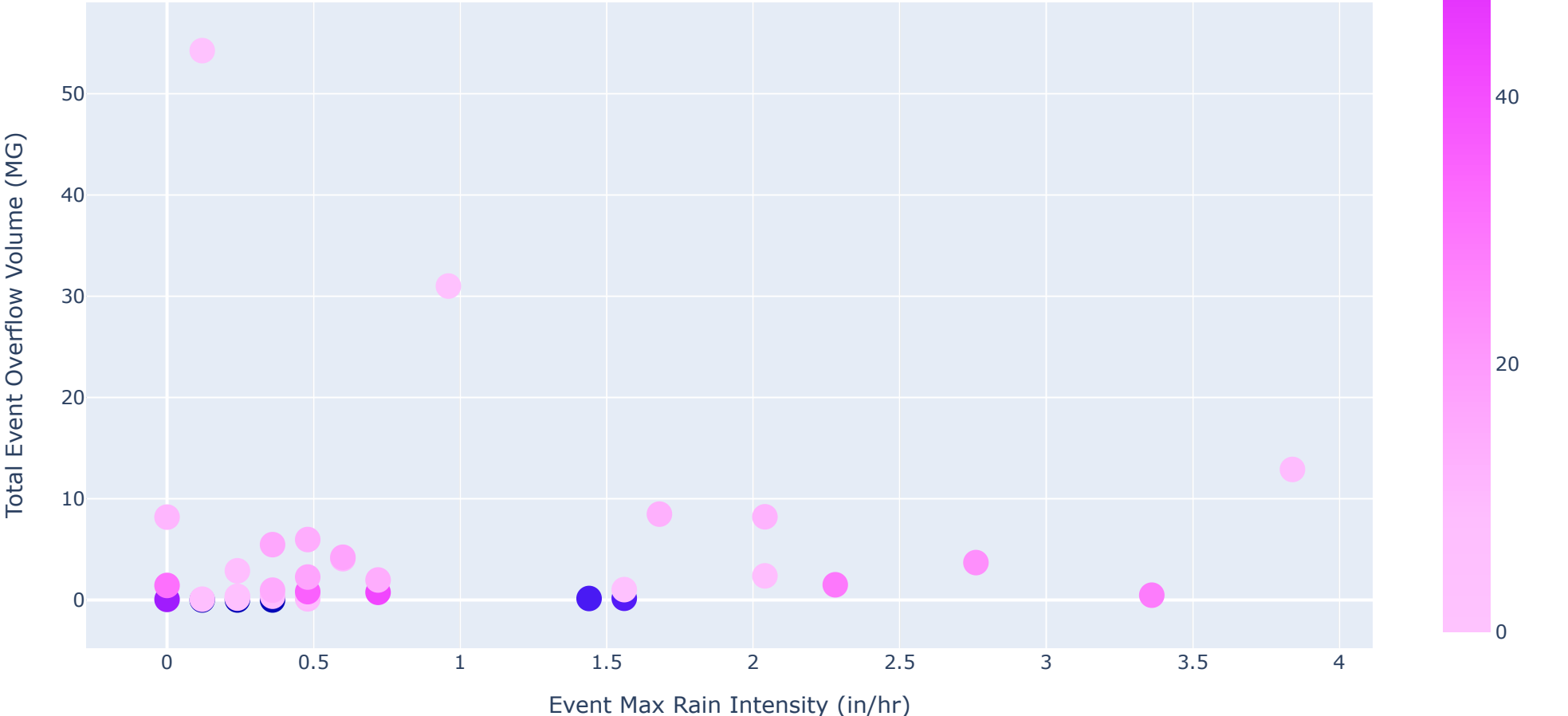
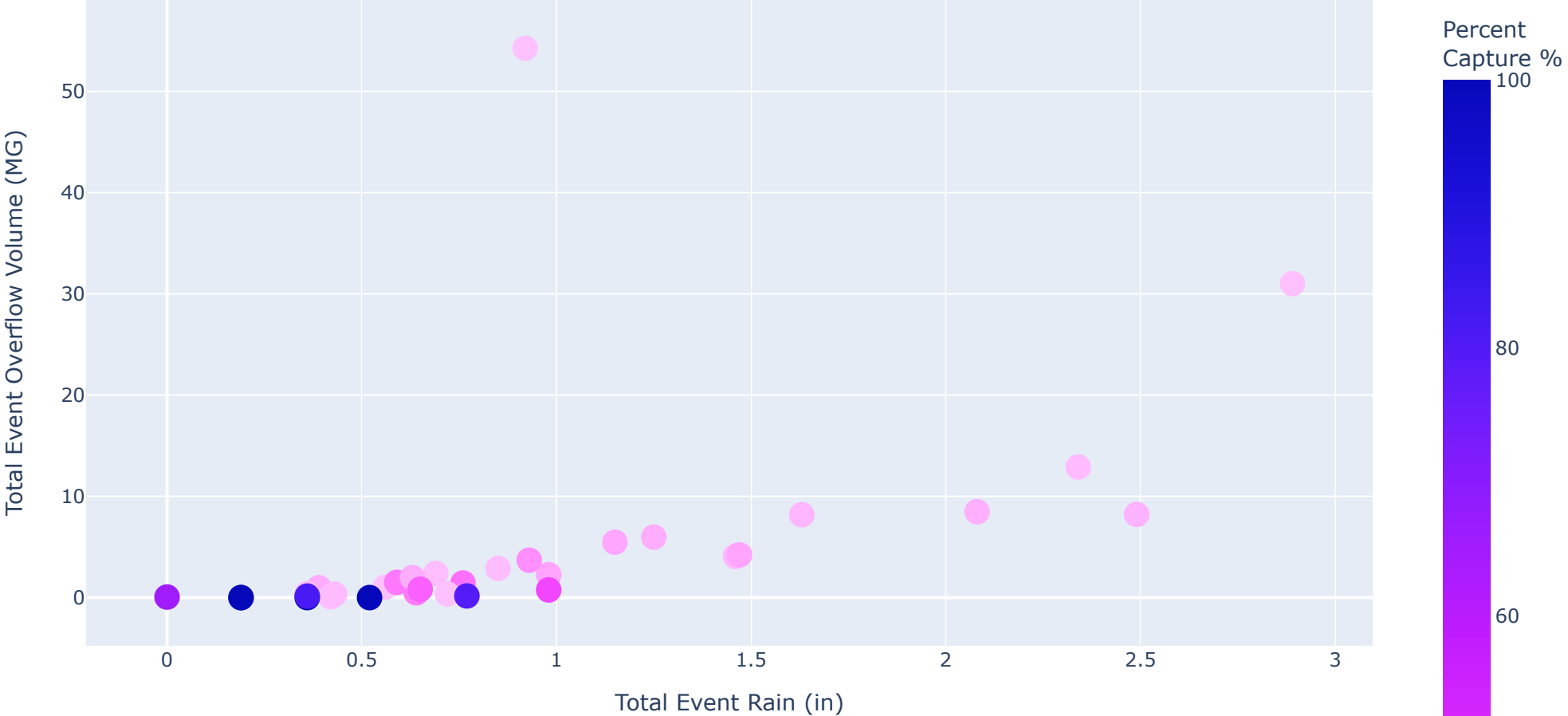


RTC Sites	North Bailey
Depth at Weir Crest (ft)	5.91
Maximum Depth Reached (ft)	5.91
Volume Stored (MG)	0.403
Unused Storage Volume (MG)	0.0
RTC Depth at Overflow Start (ft)	1.66
Overflow Before Gate Activation	Yes
Overflow Before Storage Full	Yes

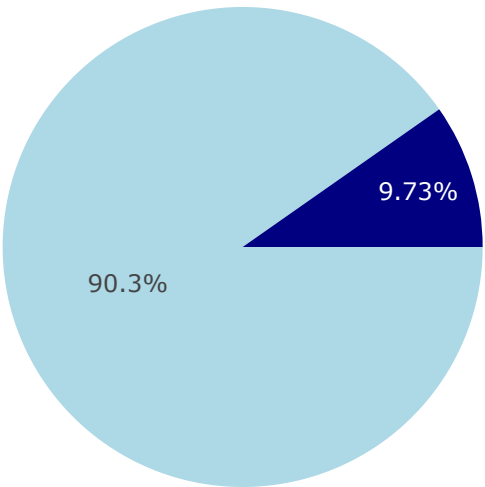
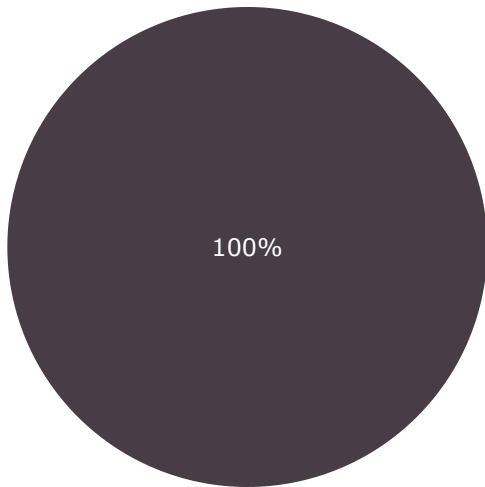


2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Metric	Value
Number of Occurred SPP Overflow Events	32.0
Occurred SPP Overflow Volume (MG)	165.075
Number of Prevented SPP Overflow Events	4.0
Prevented SPP Overflow Volume (MG)	17.143
Total Observed Rain at BSA Hazelwood RTC RG (in)	48.000



Jul2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

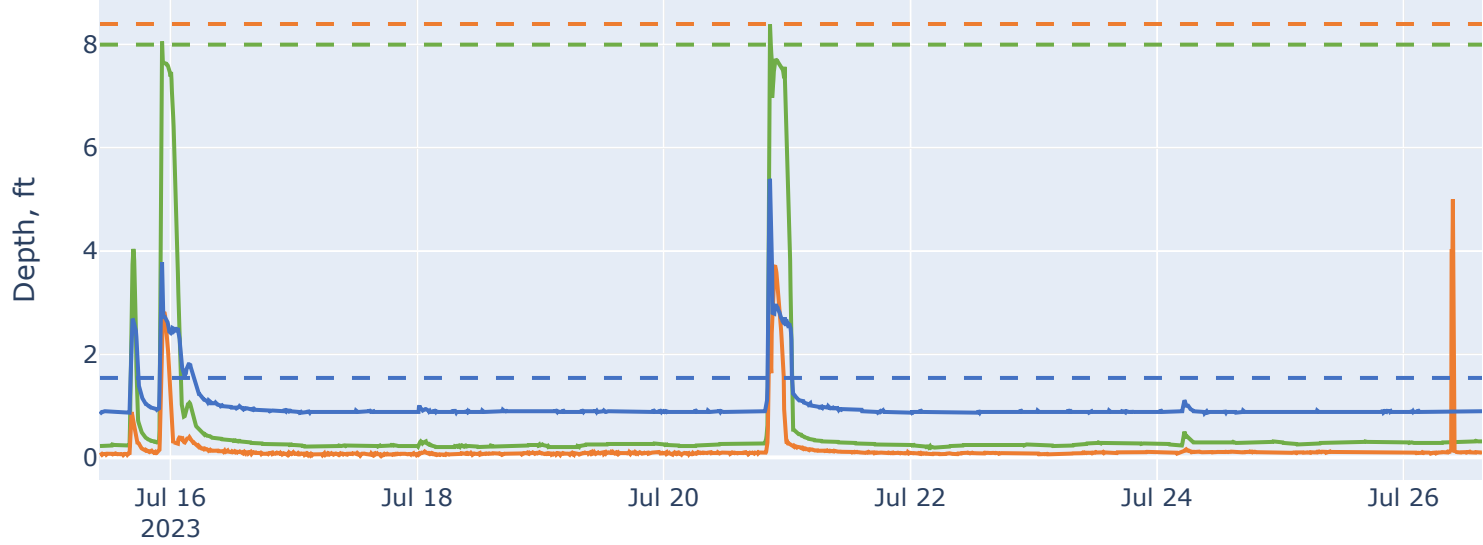
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	2	2.271	21.079	6.47

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
July 15, 2023	2.34	12.893	1.287	9	0.739	64	Poor
July 26, 2023	1.63	8.186	0.984	11	1.089	47	Poor

July 15, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

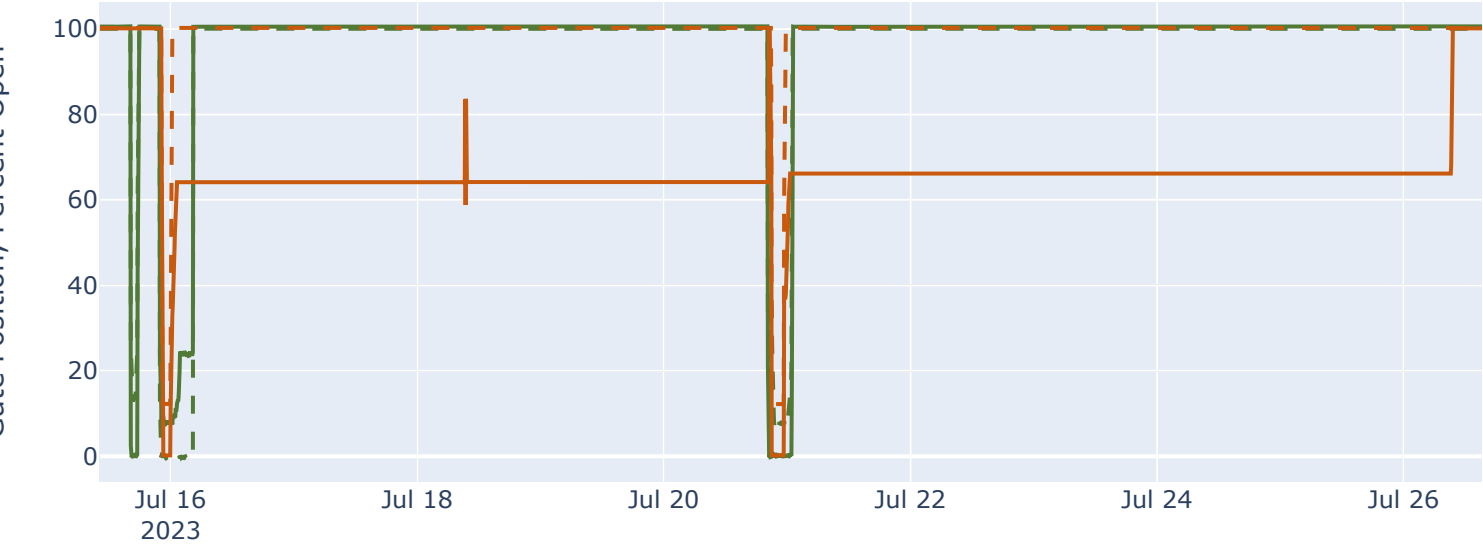
Event Data	Value
Event Start Date/Time	07/15/2023 10:15
Event End Date/Time	07/26/2023 15:15
Total Rainfall Accumulation (in)	2.34
Maximum Rainfall Intensity (in/hr)	3.84
Storm Event Duration (hr)	14.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	1.287
Percent Captured (%)	9
Unused Storage Volume (MG)	0.739
Overflow Before Storage Full	Yes
Storage Utilization (%)	64
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	12.893
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	12.893
Overflow Duration (hr)	8.75

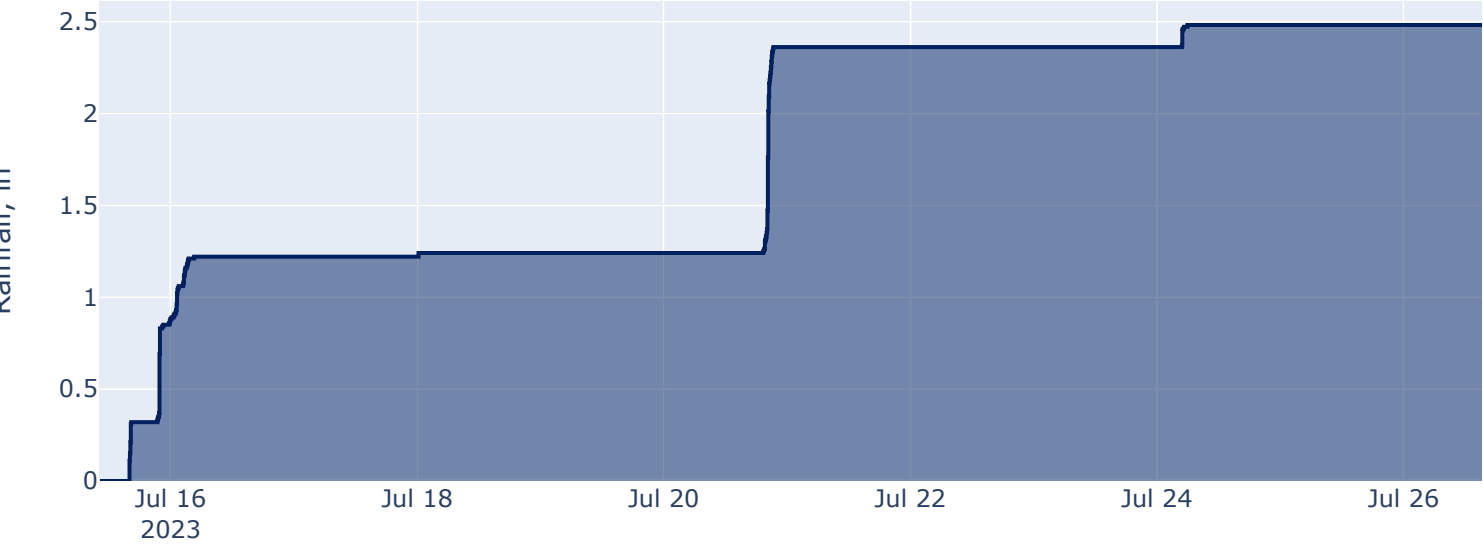


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	6.42	6.42
Site Depth at Activation (ft)	0.54	0.54	1.65	1.65
Site Return to Normal Depth (ft)	0.55	0.55	4.0	0.65
Time Activated	07/15/2023 16:10	07/15/2023 16:10	07/15/2023 22:10	07/15/2023 22:10
Time Returned to Normal	07/21/2023 01:00	07/21/2023 01:00	07/26/2023 09:20	07/20/2023 23:30



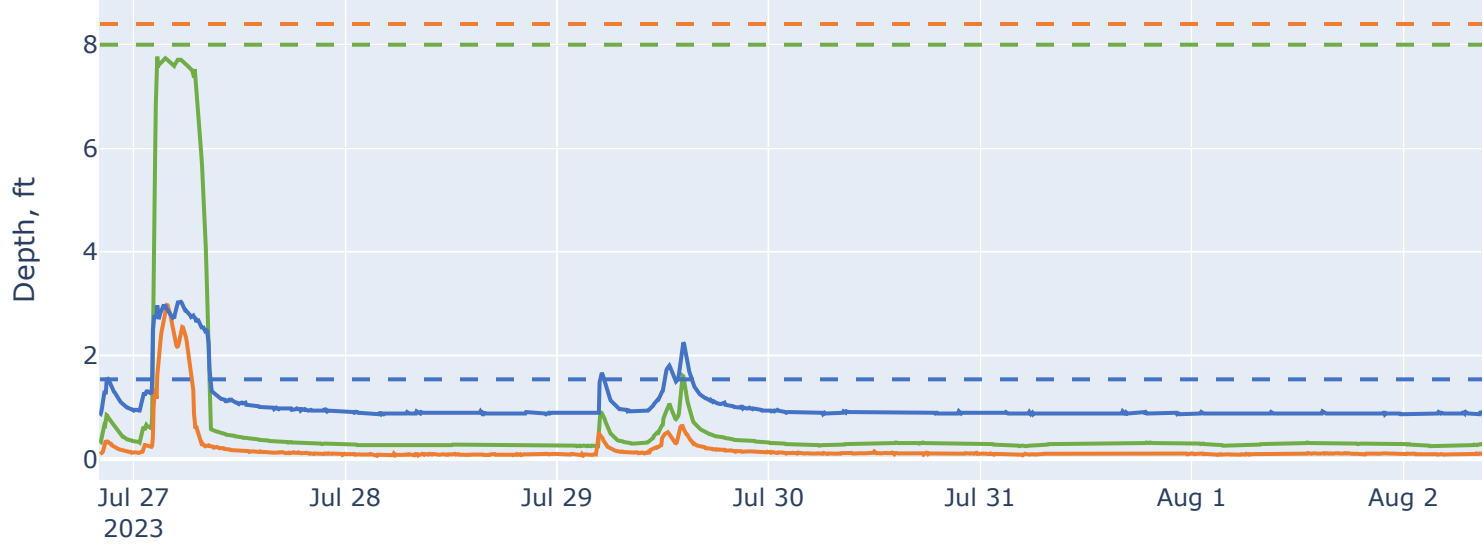
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	8.0	5.0
Volume Stored (MG)	0.86	0.427
Unused Storage Volume (MG)	0.0	0.739
RTC Depth at Overflow Start (ft)	0.89	0.23
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



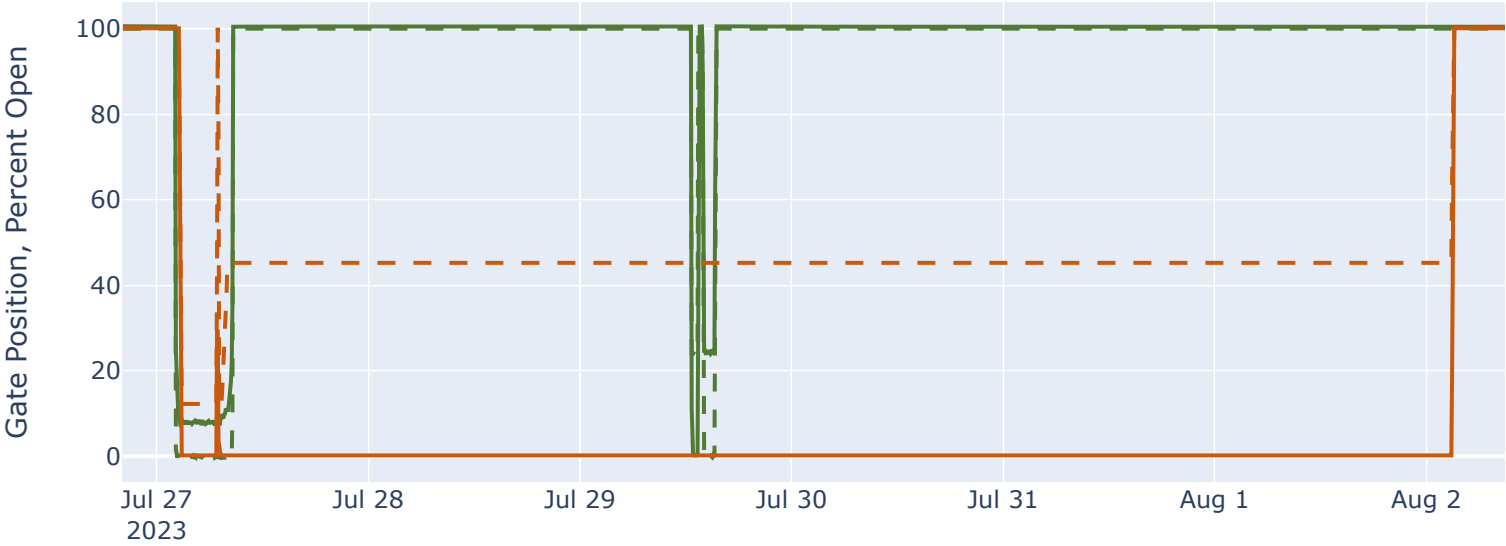
July 26, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	07/26/2023 20:10
Event End Date/Time	08/02/2023 08:55
Total Rainfall Accumulation (in)	1.63
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	9.75
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.984
Percent Captured (%)	11
Unused Storage Volume (MG)	1.089
Overflow Before Storage Full	Yes
Storage Utilization (%)	47
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	8.186
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	8.186
Overflow Duration (hr)	18.17



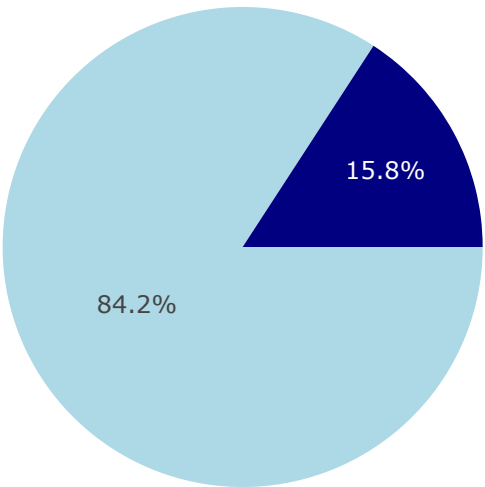
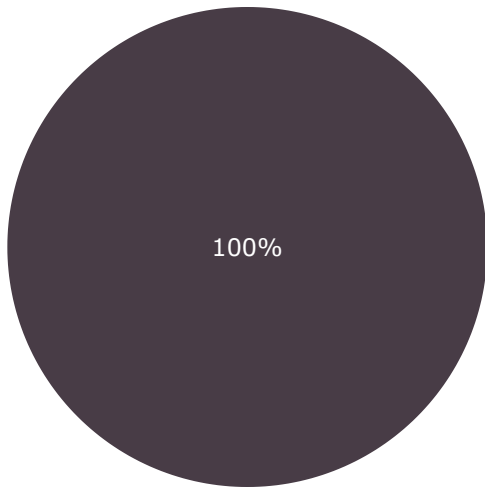
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	6.85	6.85
Site Depth at Activation (ft)	0.83	0.83	1.3	0.63
Site Return to Normal Depth (ft)	0.74	0.74	0.09	0.09
Time Activated	07/27/2023 02:05	07/27/2023 02:05	07/27/2023 02:30	07/27/2023 02:30
Time Returned to Normal	07/29/2023 15:25	07/29/2023 15:25	08/02/2023 03:00	08/02/2023 03:00



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.77	2.97
Volume Stored (MG)	0.801	0.183
Unused Storage Volume (MG)	0.056	1.033
RTC Depth at Overflow Start (ft)	0.84	0.35
Overflow Before Gate Activation	Yes	Yes
Overflow Before Storage Full	Yes	Yes



Aug2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

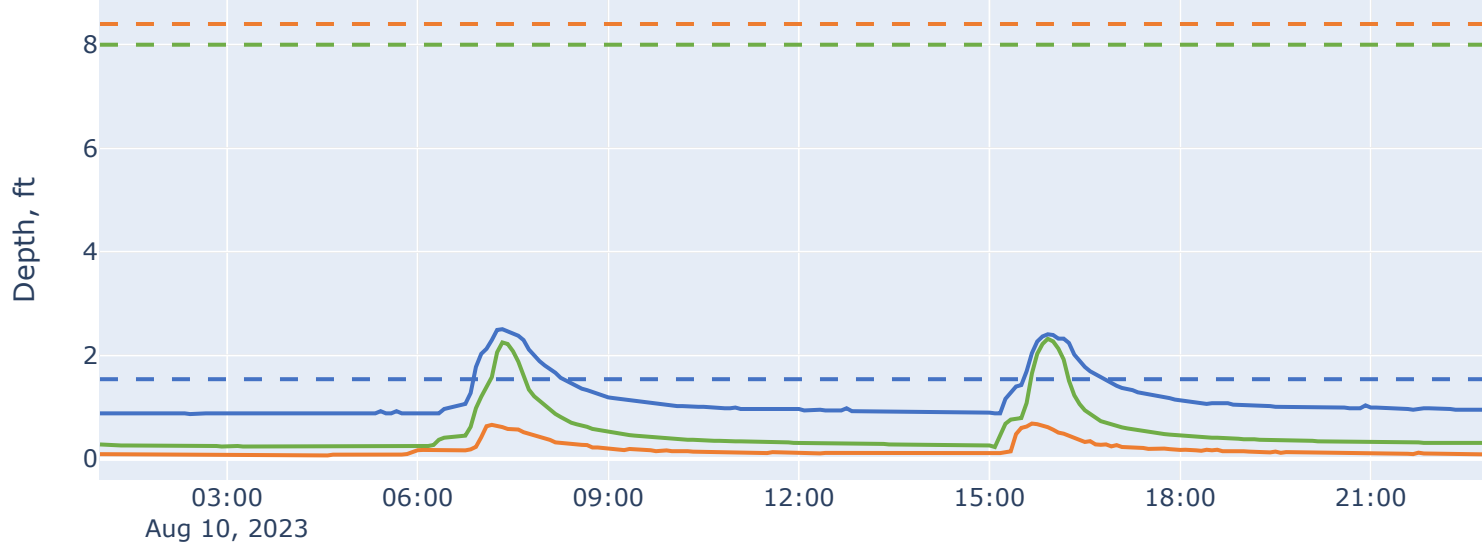
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	3	0.91	4.842	3.05

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
August 10, 2023	0.56	1.024	0.046	4	2.464	2	Poor
August 17, 2023	0.69	2.381	0.215	8	2.295	9	Poor
August 24, 2023	0.76	1.437	0.649	31	1.863	26	Poor

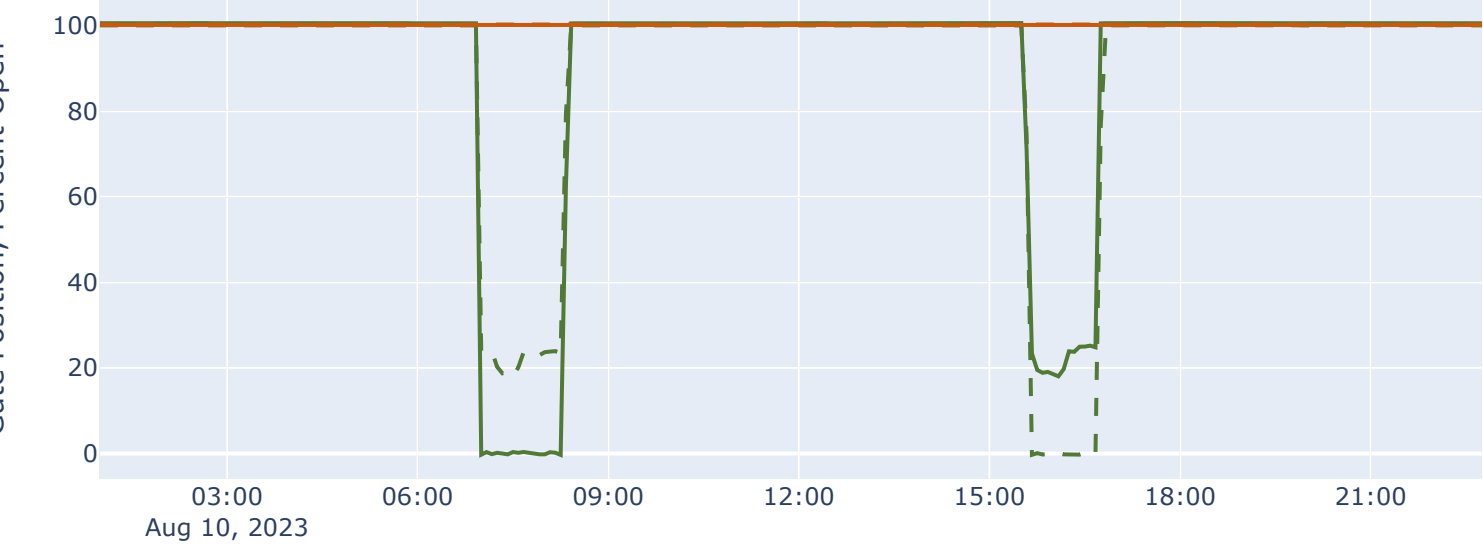
August 10, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	08/10/2023 01:00
Event End Date/Time	08/10/2023 22:45
Total Rainfall Accumulation (in)	0.56
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	1.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

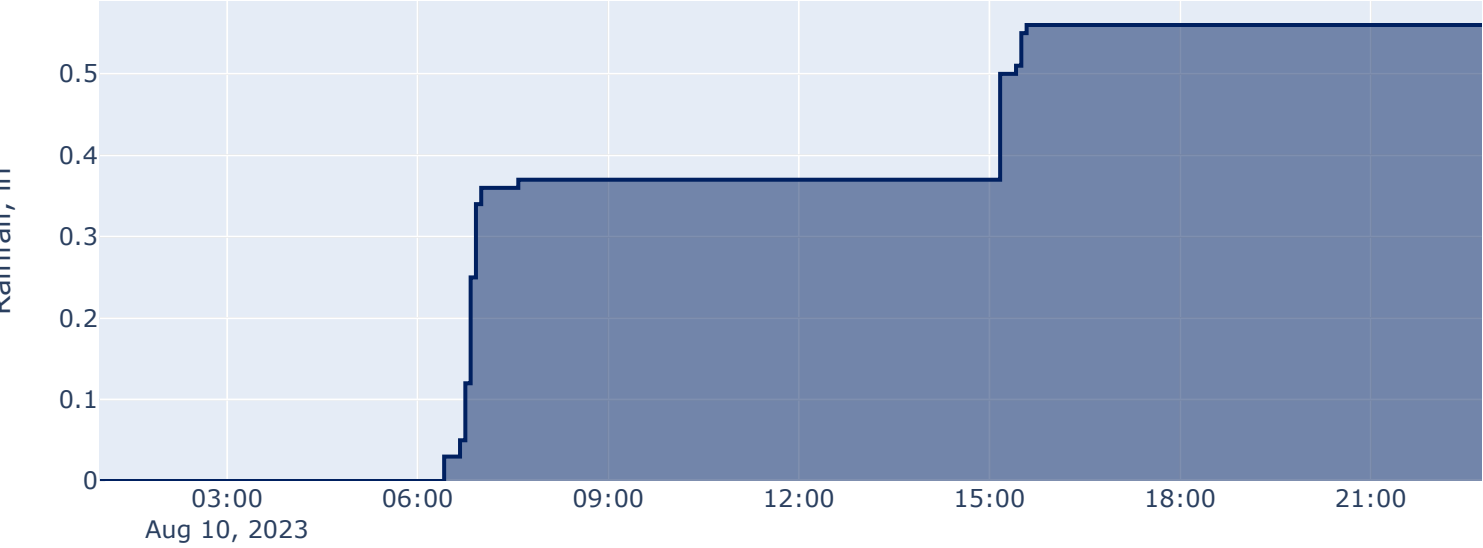
Overflow Data	Value
Overflow Volume Prevented (MG)	0.046
Percent Captured (%)	4
Unused Storage Volume (MG)	2.464
Overflow Before Storage Full	Yes
Storage Utilization (%)	2
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.024
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	1.024
Overflow Duration (hr)	9.83



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.79	0.79	N/A	N/A
Site Return to Normal Depth (ft)	0.73	0.7	N/A	N/A
Time Activated	08/10/2023 06:55	08/10/2023 06:55	N/A	N/A
Time Returned to Normal	08/10/2023 16:45	08/10/2023 16:50	N/A	N/A



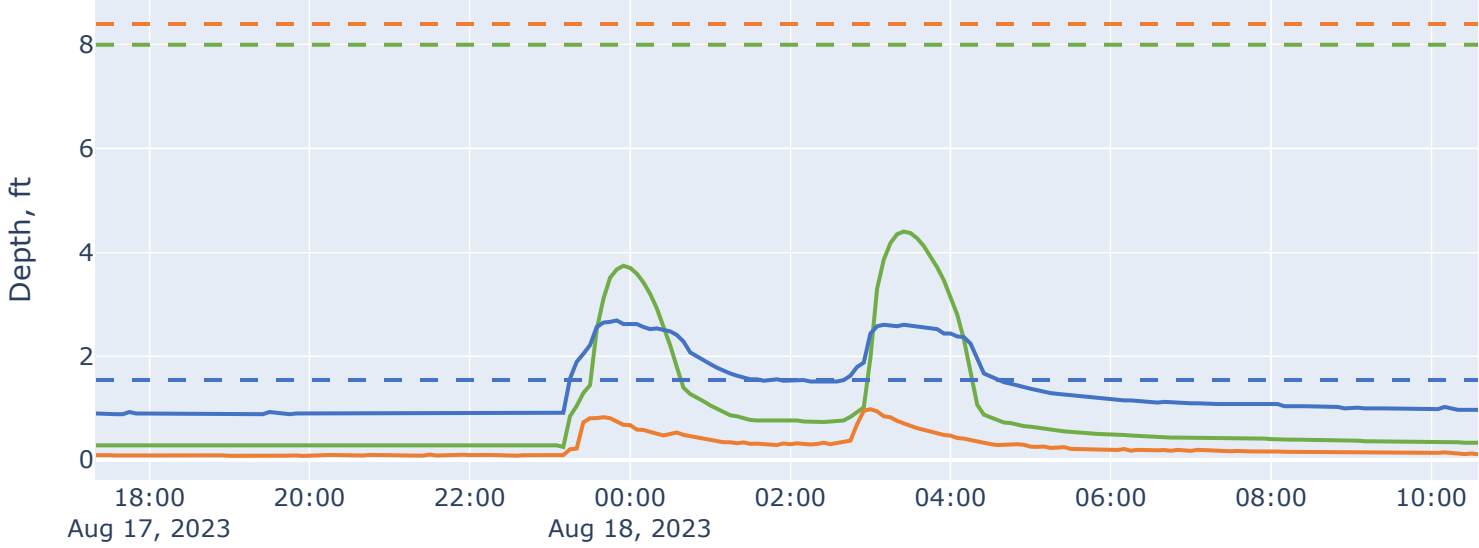
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	2.32	N/A
Volume Stored (MG)	0.046	0
Unused Storage Volume (MG)	0.811	1.653
RTC Depth at Overflow Start (ft)	0.98	0.23
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



August 17, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

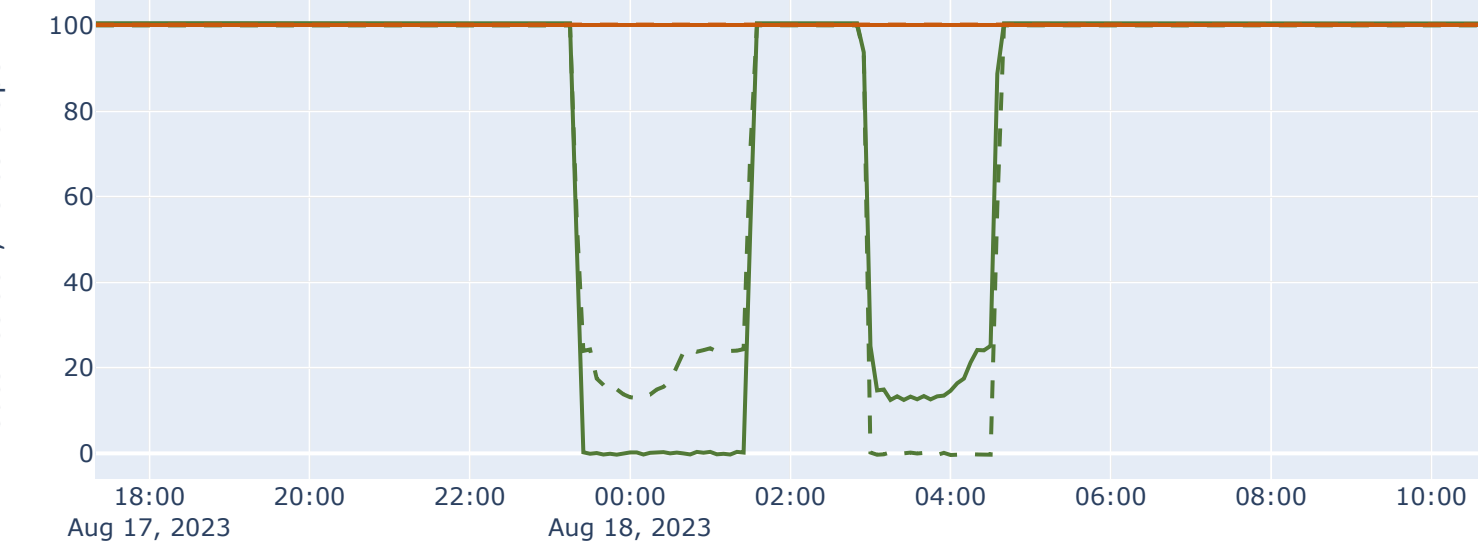
Event Data	Value
Event Start Date/Time	08/17/2023 17:20
Event End Date/Time	08/18/2023 10:35
Total Rainfall Accumulation (in)	0.69
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	3.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.215
Percent Captured (%)	8
Unused Storage Volume (MG)	2.295
Overflow Before Storage Full	Yes
Storage Utilization (%)	9
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.381
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.381
Overflow Duration (hr)	5.25

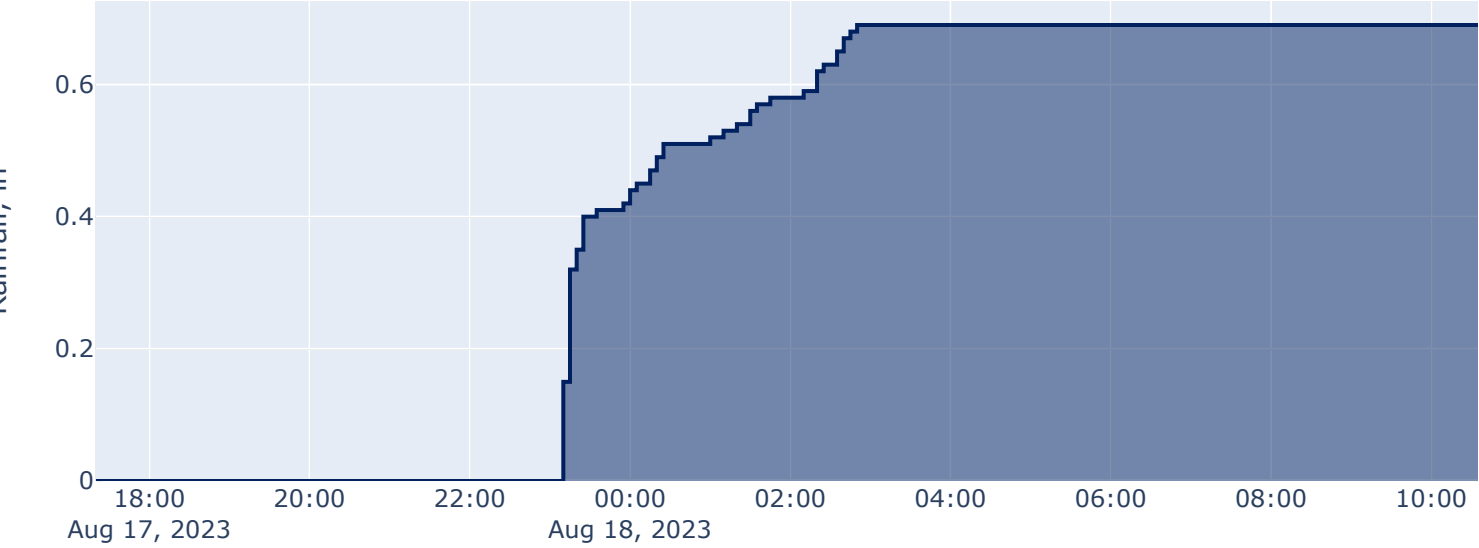


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.84	0.84	N/A	N/A
Site Return to Normal Depth (ft)	0.72	0.72	N/A	N/A
Time Activated	08/17/2023 23:15	08/17/2023 23:15	N/A	N/A
Time Returned to Normal	08/18/2023 04:40	08/18/2023 04:40	N/A	N/A



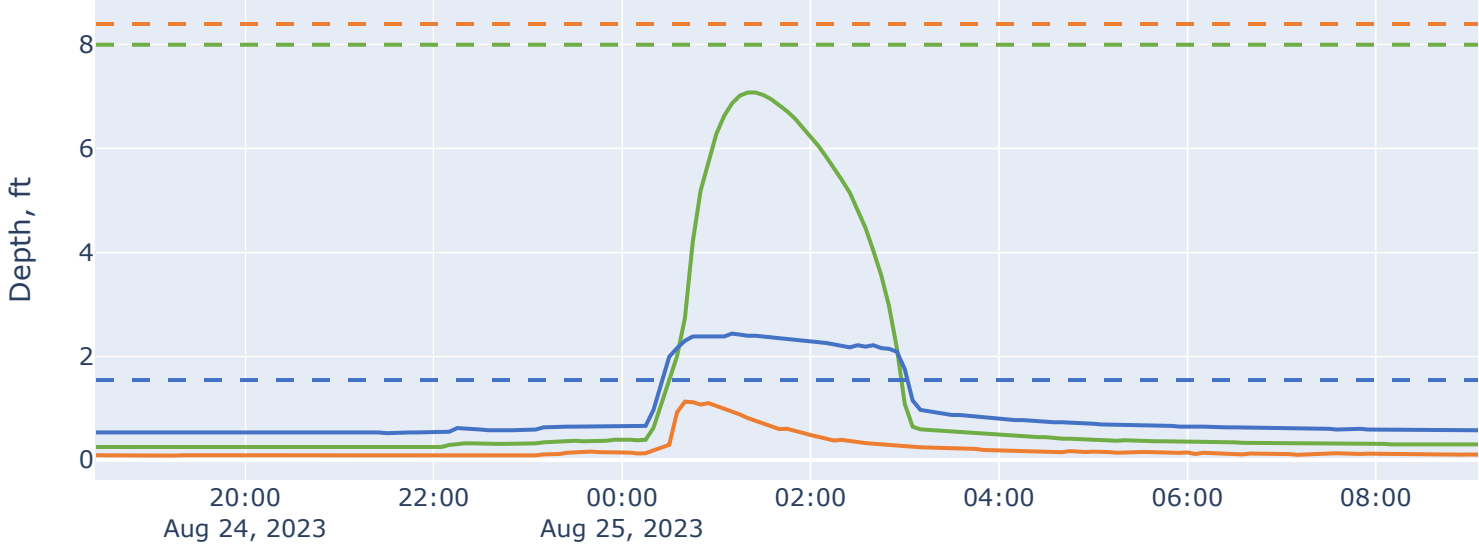
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	4.4	N/A
Volume Stored (MG)	0.215	0
Unused Storage Volume (MG)	0.642	1.653
RTC Depth at Overflow Start (ft)	0.84	0.2
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



August 24, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

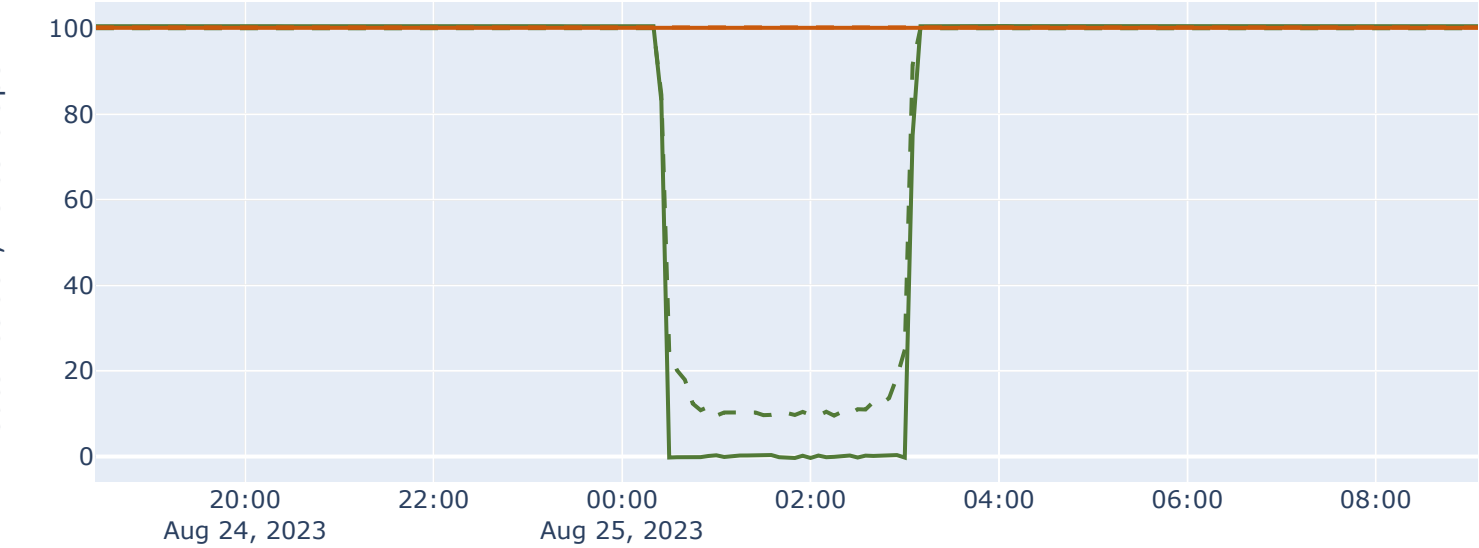
Event Data	Value
Event Start Date/Time	08/24/2023 18:25
Event End Date/Time	08/25/2023 09:05
Total Rainfall Accumulation (in)	0.76
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	2.92
Storm Type (NOAA Classification)	N/A
Data Quality	Poor
Data Issues	gap

Overflow Data	Value
Overflow Volume Prevented (MG)	0.649
Percent Captured (%)	31
Unused Storage Volume (MG)	1.863
Overflow Before Storage Full	Yes
Storage Utilization (%)	26
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.437
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	1.437
Overflow Duration (hr)	2.5

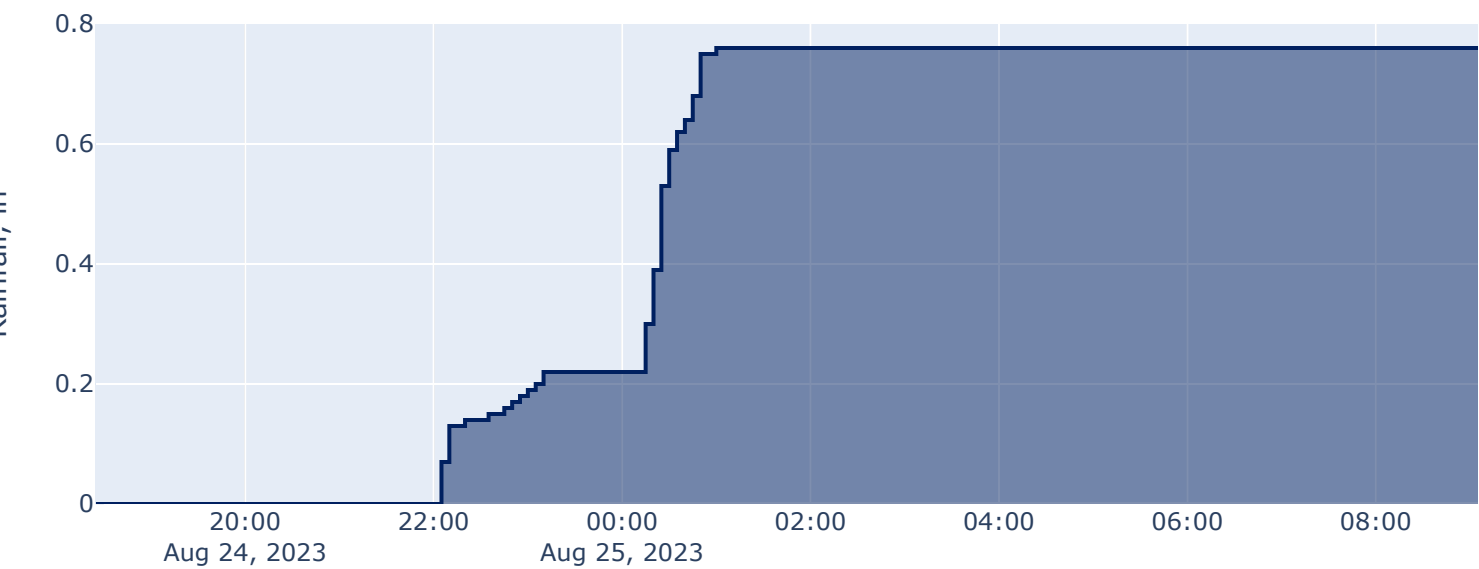


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

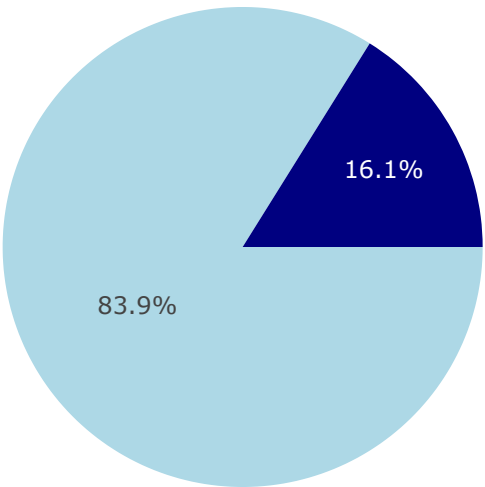
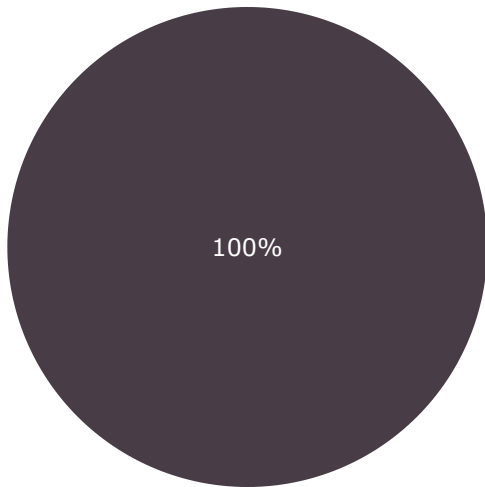
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.62	0.62	N/A	N/A
Site Return to Normal Depth (ft)	0.59	0.59	N/A	N/A
Time Activated	08/25/2023 00:20	08/25/2023 00:20	N/A	N/A
Time Returned to Normal	08/25/2023 03:10	08/25/2023 03:10	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.08	N/A
Volume Stored (MG)	0.649	0
Unused Storage Volume (MG)	0.21	1.653
RTC Depth at Overflow Start (ft)	1.57	0.29
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Sep2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

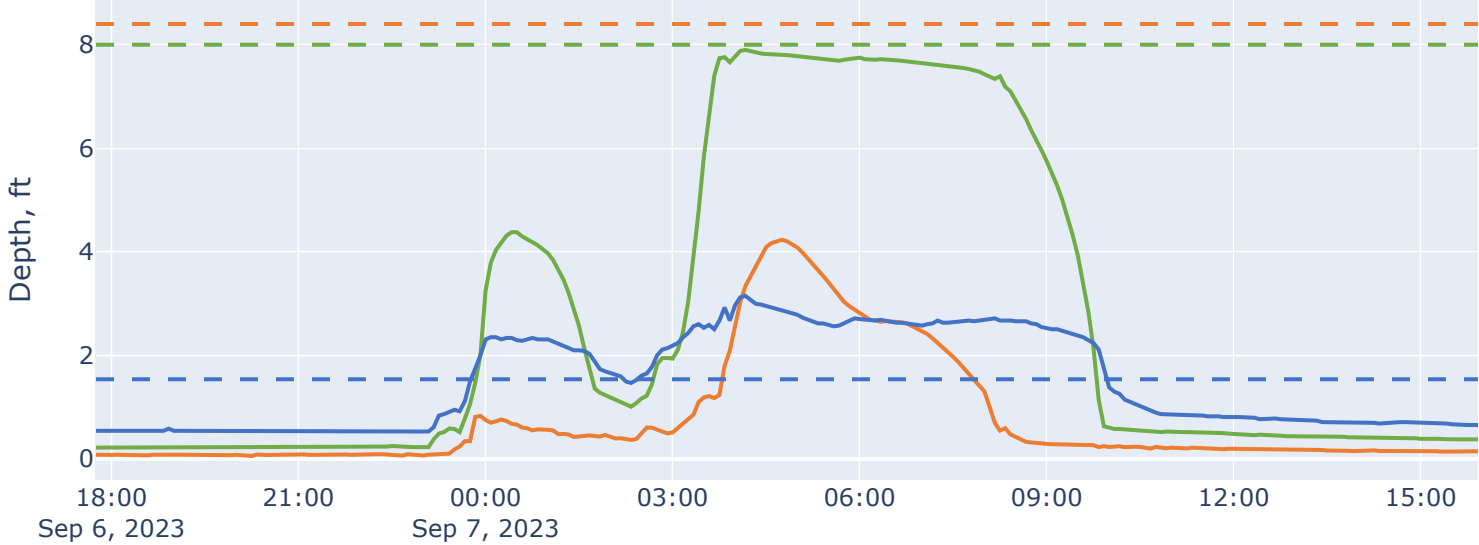
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	3	1.959	10.194	3.86

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
September 06, 2023	2.49	8.215	1.171	12	0.887	57	Good
September 12, 2023	0.59	1.503	0.601	29	1.910	24	Good
September 18, 2023	0.64	0.476	0.187	28	2.327	7	Good

September 06, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

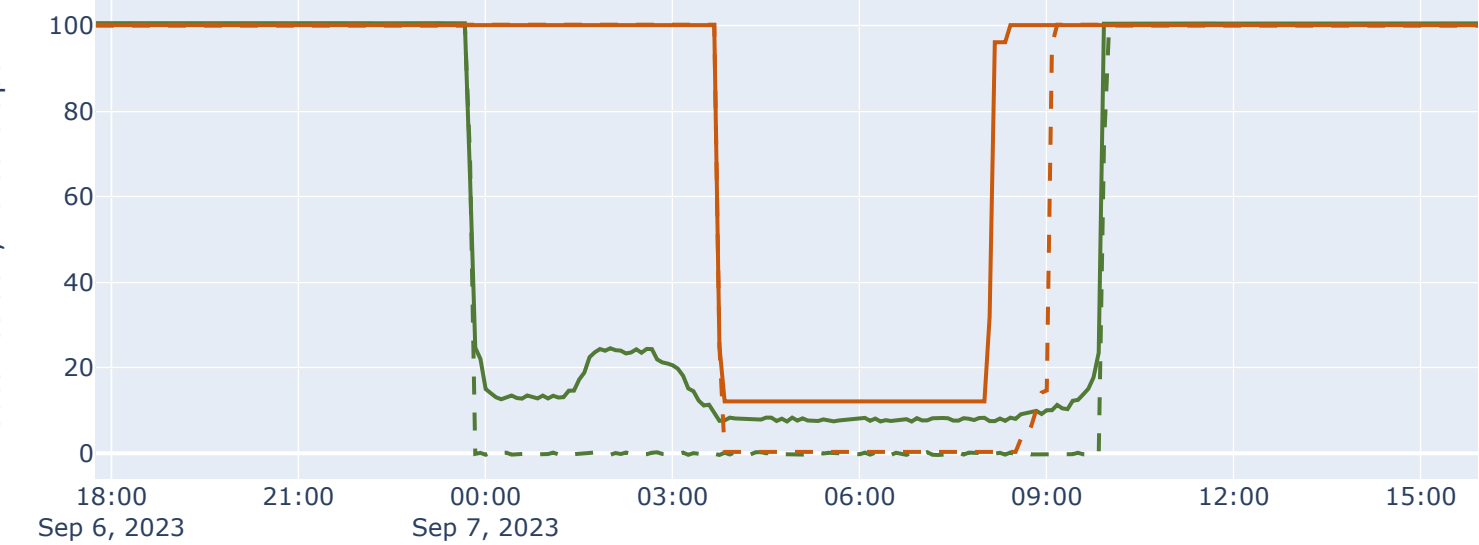
Event Data	Value
Event Start Date/Time	09/06/2023 17:45
Event End Date/Time	09/07/2023 15:55
Total Rainfall Accumulation (in)	2.49
Maximum Rainfall Intensity (in/hr)	2.04
Storm Event Duration (hr)	8.5
Storm Type (NOAA Classification)	<10.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	1.171
Percent Captured (%)	12
Unused Storage Volume (MG)	0.887
Overflow Before Storage Full	Yes
Storage Utilization (%)	57
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	8.215
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	8.215
Overflow Duration (hr)	10.08

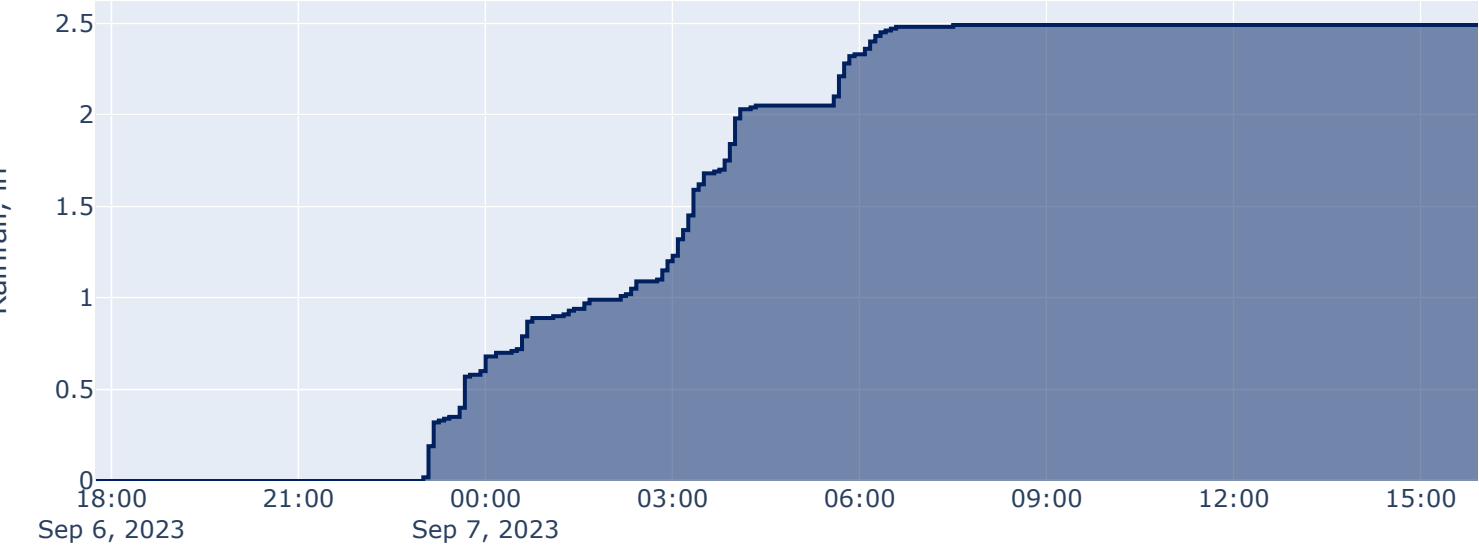


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	7.4	7.4
Site Depth at Activation (ft)	0.78	0.78	1.18	1.18
Site Return to Normal Depth (ft)	0.63	0.59	0.48	0.28
Time Activated	09/06/2023 23:40	09/06/2023 23:40	09/07/2023 03:40	09/07/2023 03:40
Time Returned to Normal	09/07/2023 09:55	09/07/2023 10:00	09/07/2023 08:25	09/07/2023 09:10



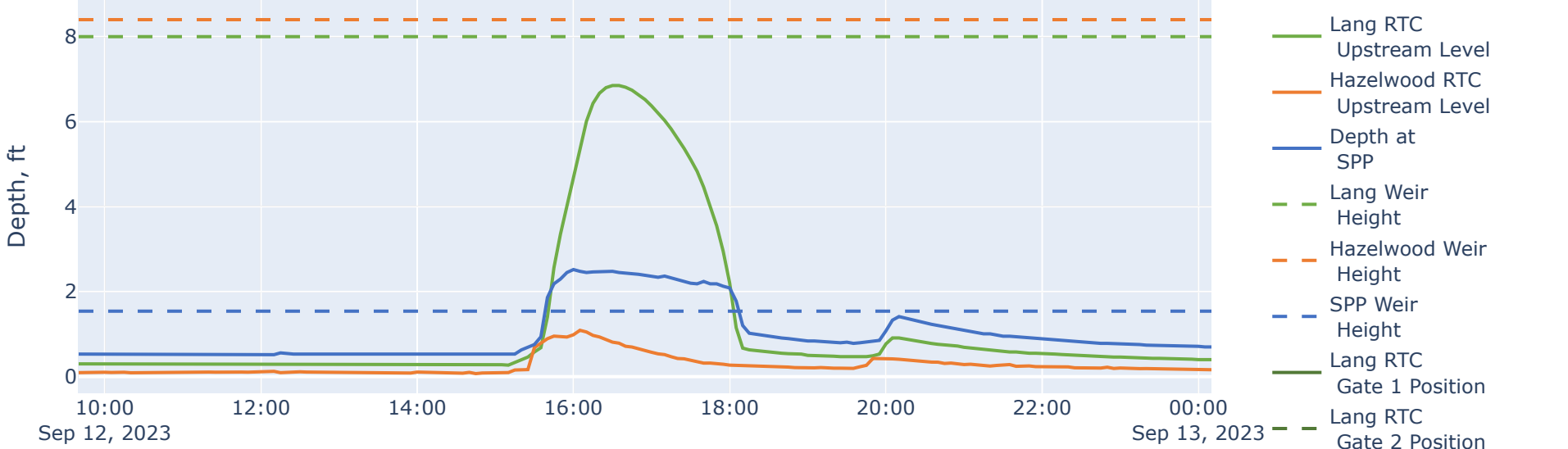
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.9	4.23
Volume Stored (MG)	0.833	0.338
Unused Storage Volume (MG)	0.024	0.863
RTC Depth at Overflow Start (ft)	1.47	0.81
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



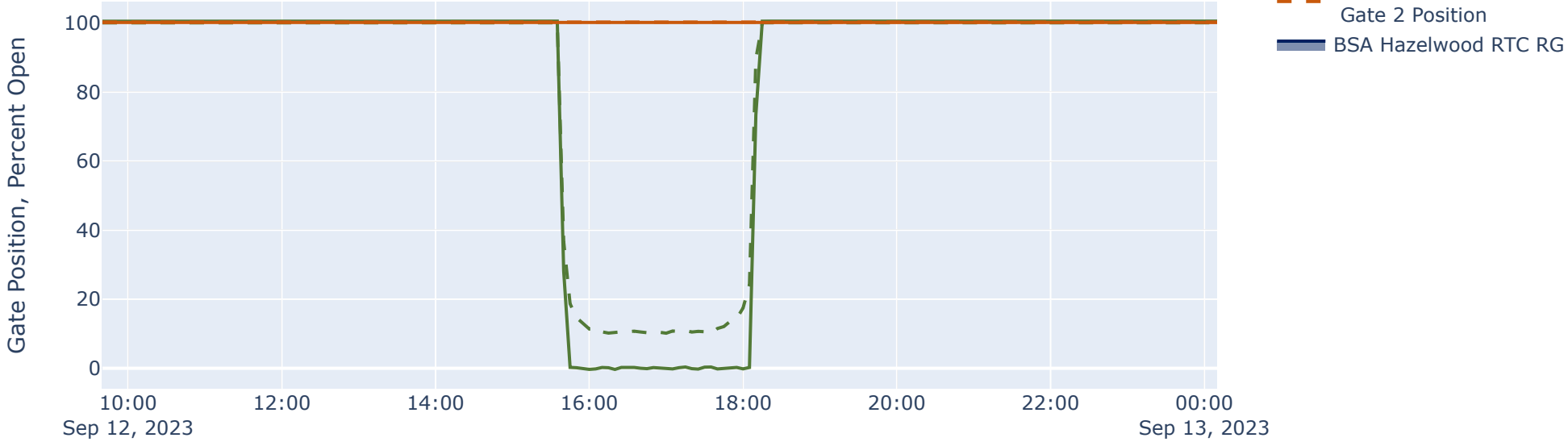
September 12, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	09/12/2023 09:40
Event End Date/Time	09/13/2023 00:10
Total Rainfall Accumulation (in)	0.59
Maximum Rainfall Intensity (in/hr)	2.28
Storm Event Duration (hr)	8.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

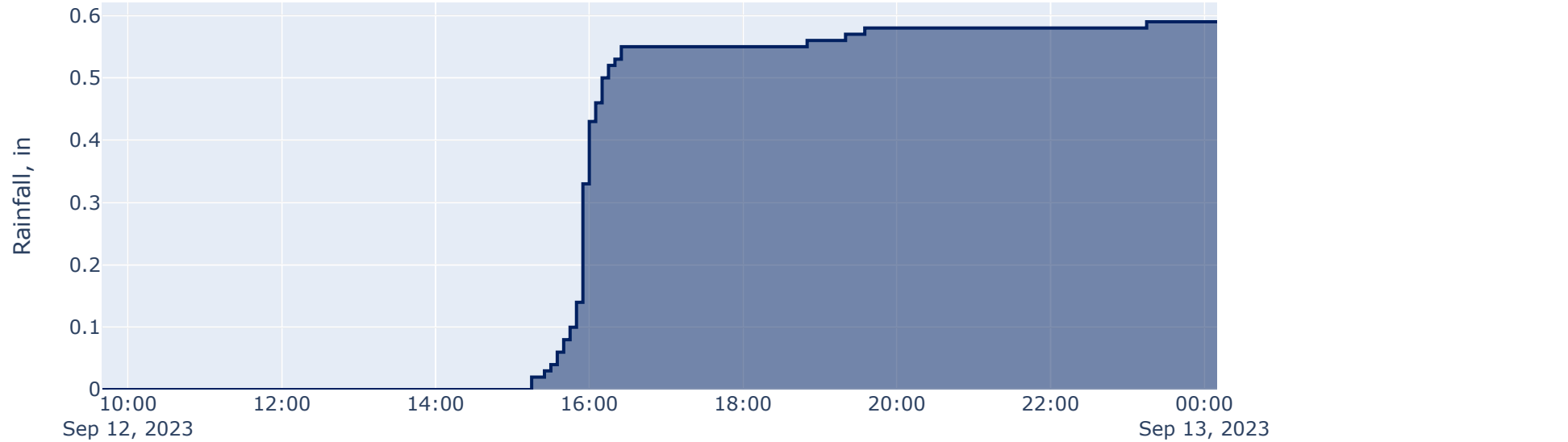
Overflow Data	Value
Overflow Volume Prevented (MG)	0.601
Percent Captured (%)	29
Unused Storage Volume (MG)	1.910
Overflow Before Storage Full	Yes
Storage Utilization (%)	24
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.503
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	1.503
Overflow Duration (hr)	2.42



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.68	0.68	N/A	N/A
Site Return to Normal Depth (ft)	0.63	0.63	N/A	N/A
Time Activated	09/12/2023 15:35	09/12/2023 15:35	N/A	N/A
Time Returned to Normal	09/12/2023 18:15	09/12/2023 18:15	N/A	N/A



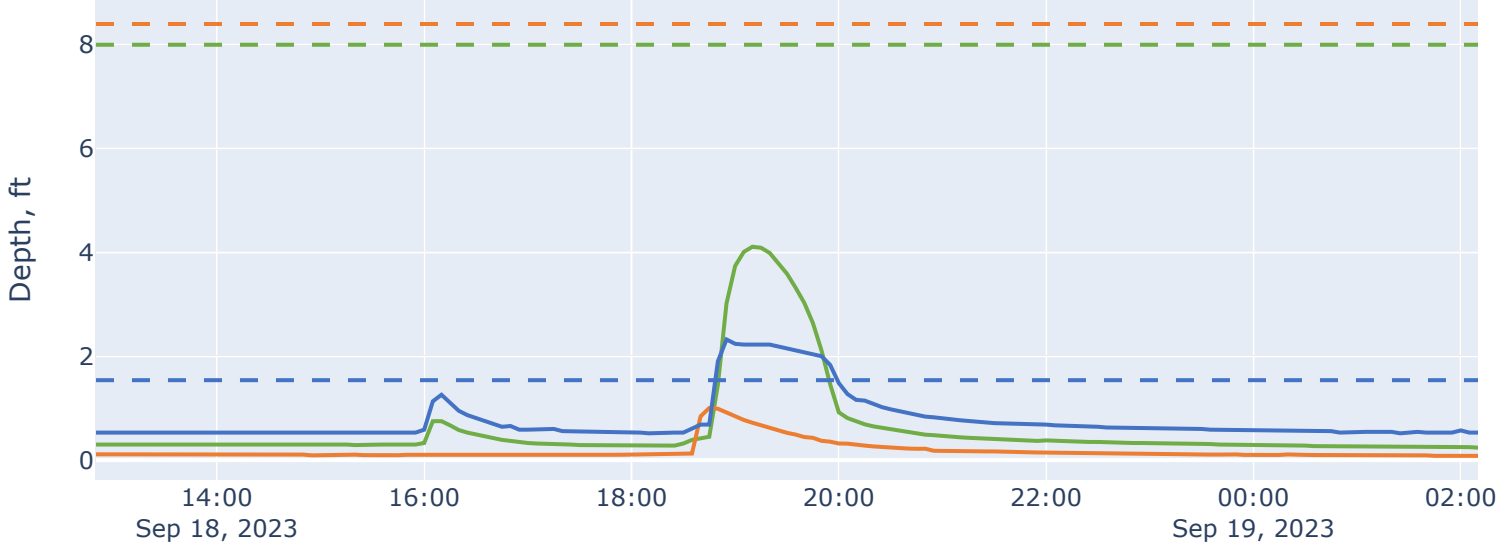
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	6.85	N/A
Volume Stored (MG)	0.601	0
Unused Storage Volume (MG)	0.257	1.653
RTC Depth at Overflow Start (ft)	1.4	0.89
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



September 18, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

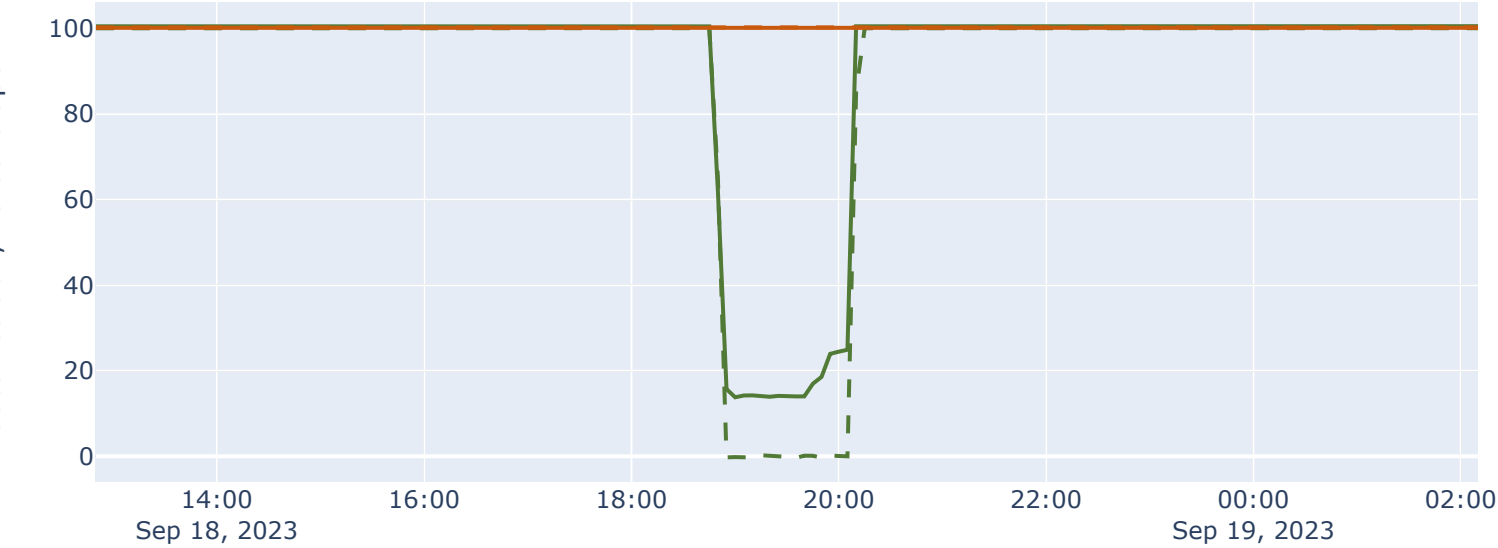
Event Data	Value
Event Start Date/Time	09/18/2023 12:50
Event End Date/Time	09/19/2023 02:10
Total Rainfall Accumulation (in)	0.64
Maximum Rainfall Intensity (in/hr)	3.36
Storm Event Duration (hr)	4.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.187
Percent Captured (%)	28
Unused Storage Volume (MG)	2.327
Overflow Before Storage Full	Yes
Storage Utilization (%)	7
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.476
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.476
Overflow Duration (hr)	1.08

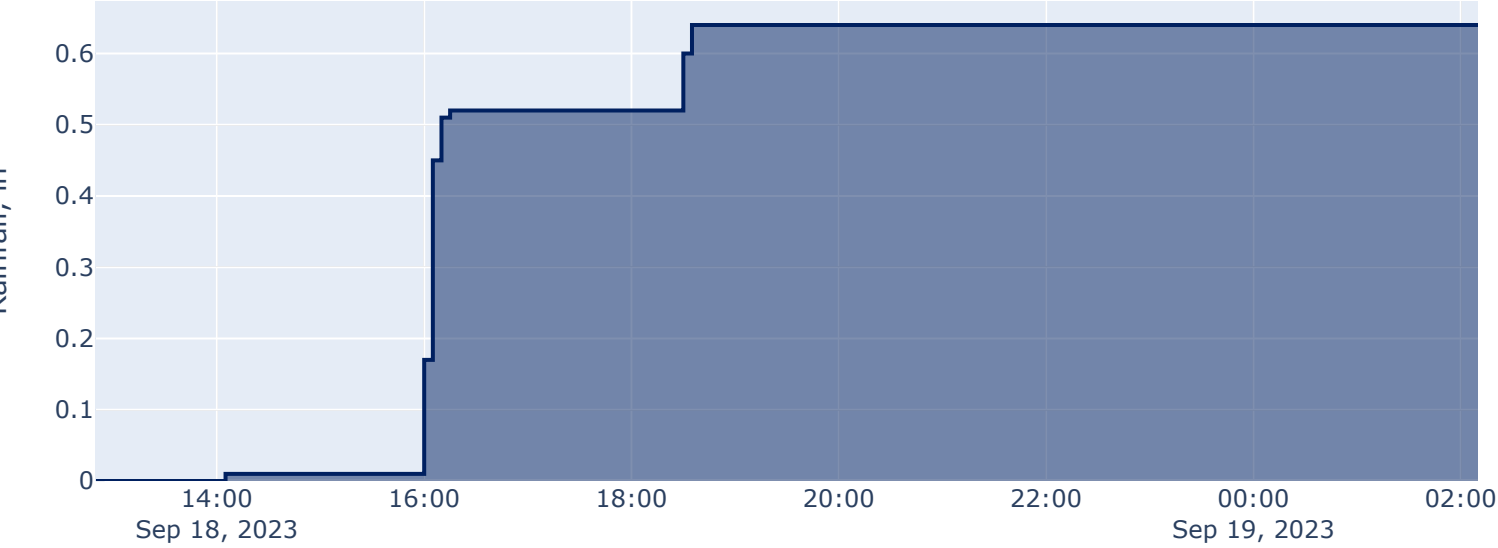


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

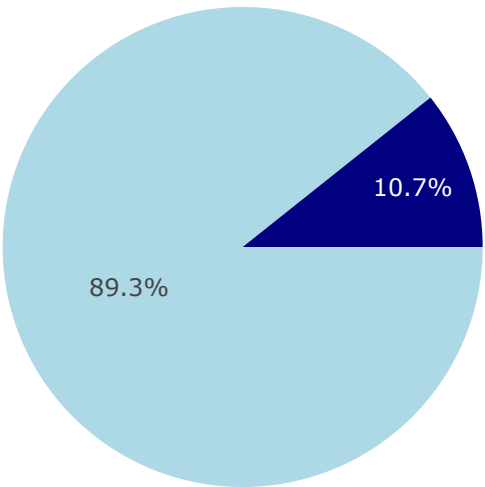
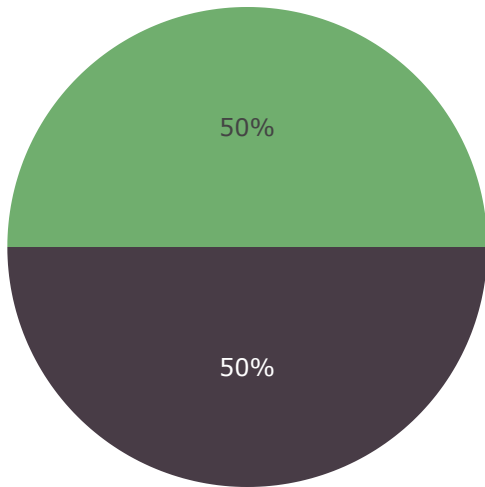
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.45	0.45	N/A	N/A
Site Return to Normal Depth (ft)	0.74	0.69	N/A	N/A
Time Activated	09/18/2023 18:45	09/18/2023 18:45	N/A	N/A
Time Returned to Normal	09/18/2023 20:10	09/18/2023 20:15	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	4.11	N/A
Volume Stored (MG)	0.187	0
Unused Storage Volume (MG)	0.674	1.653
RTC Depth at Overflow Start (ft)	1.45	0.99
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Oct2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

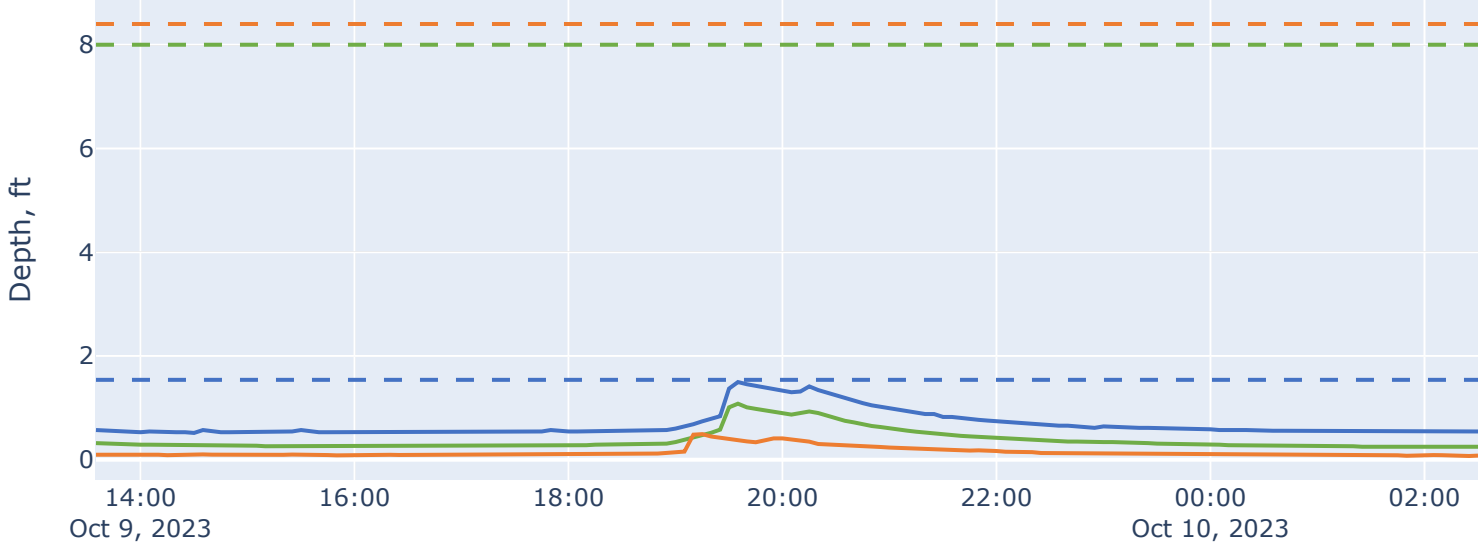
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
2	2	0.51	4.257	4.35

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
October 09, 2023	0.19	0.0	0.007	100	2.506	0	Good
October 10, 2023	1.46	4.075	0.488	11	2.021	19	Good
October 14, 2023	0.52	0.0	0.001	100	2.506	0	Good
October 29, 2023	0.77	0.182	0.014	7	2.493	1	Good

October 09, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

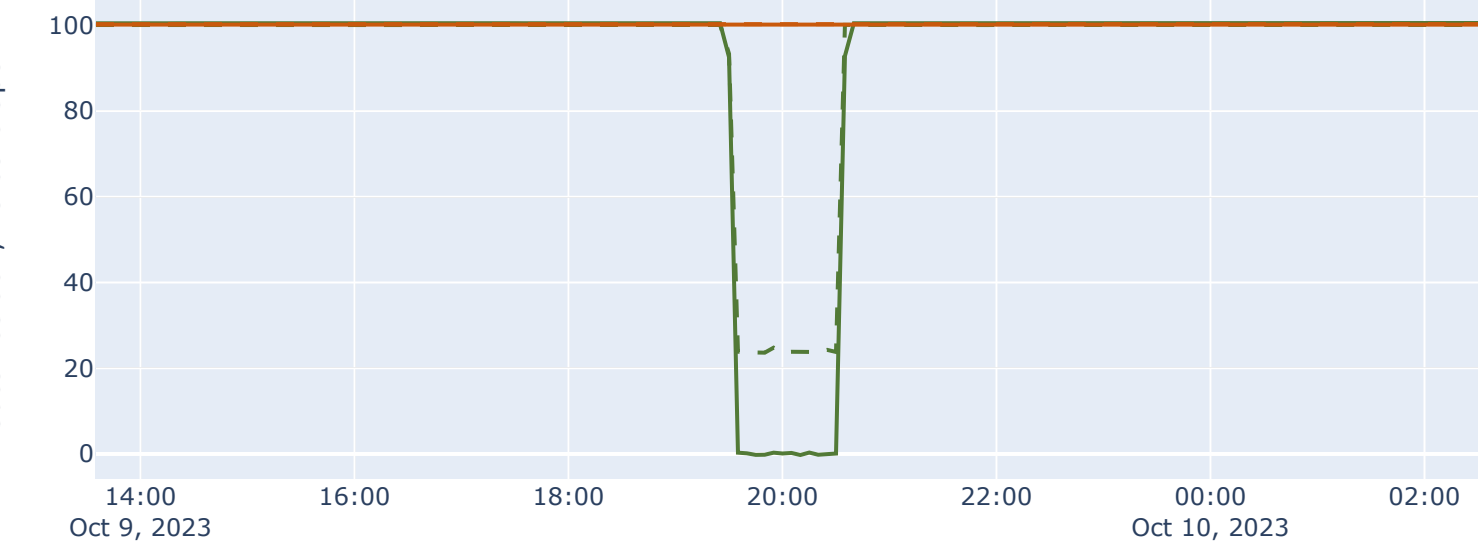
Event Data	Value
Event Start Date/Time	10/09/2023 13:35
Event End Date/Time	10/10/2023 02:30
Total Rainfall Accumulation (in)	0.19
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	3.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.007
Percent Captured (%)	100
Unused Storage Volume (MG)	2.506
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

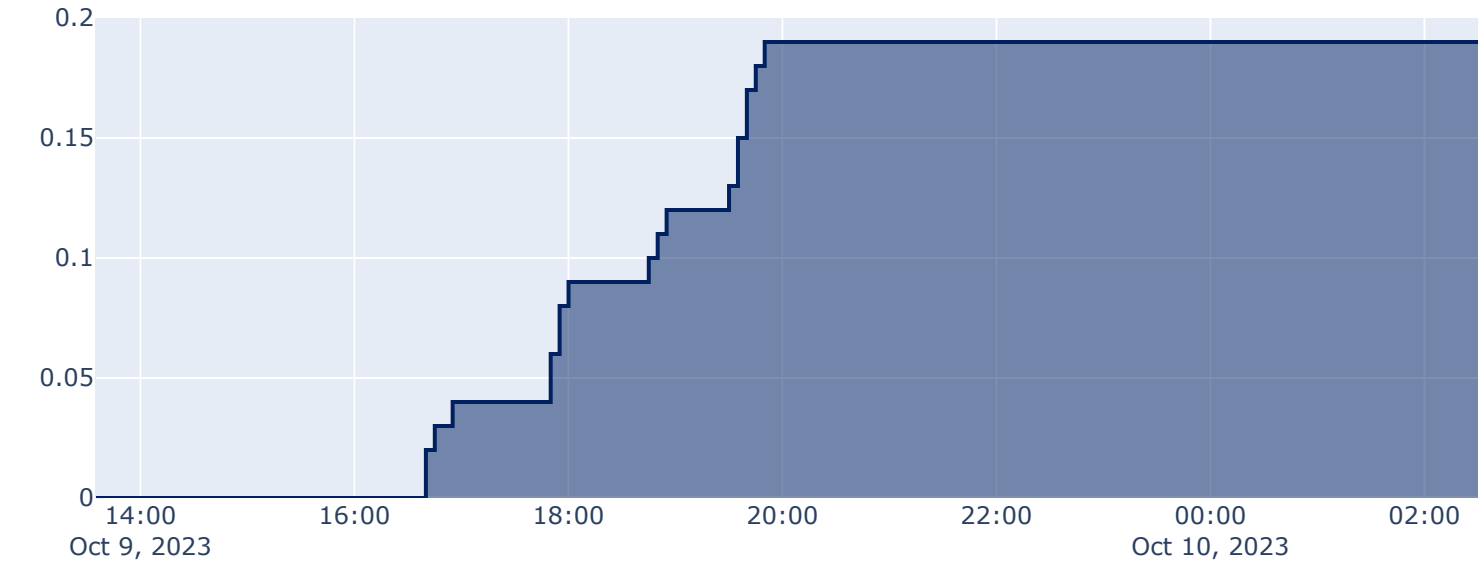


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.58	0.58	N/A	N/A
Site Return to Normal Depth (ft)	0.72	0.75	N/A	N/A
Time Activated	10/09/2023 19:25	10/09/2023 19:25	N/A	N/A
Time Returned to Normal	10/09/2023 20:40	10/09/2023 20:35	N/A	N/A



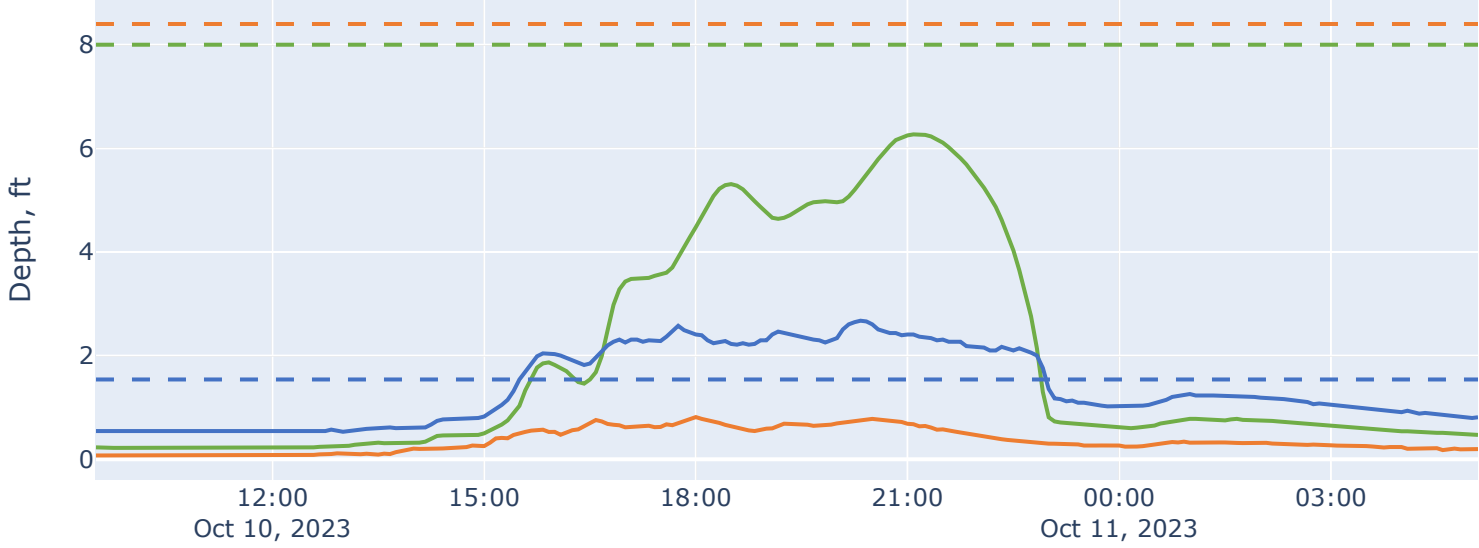
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.08	N/A
Volume Stored (MG)	0.007	0
Unused Storage Volume (MG)	0.853	1.653
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No



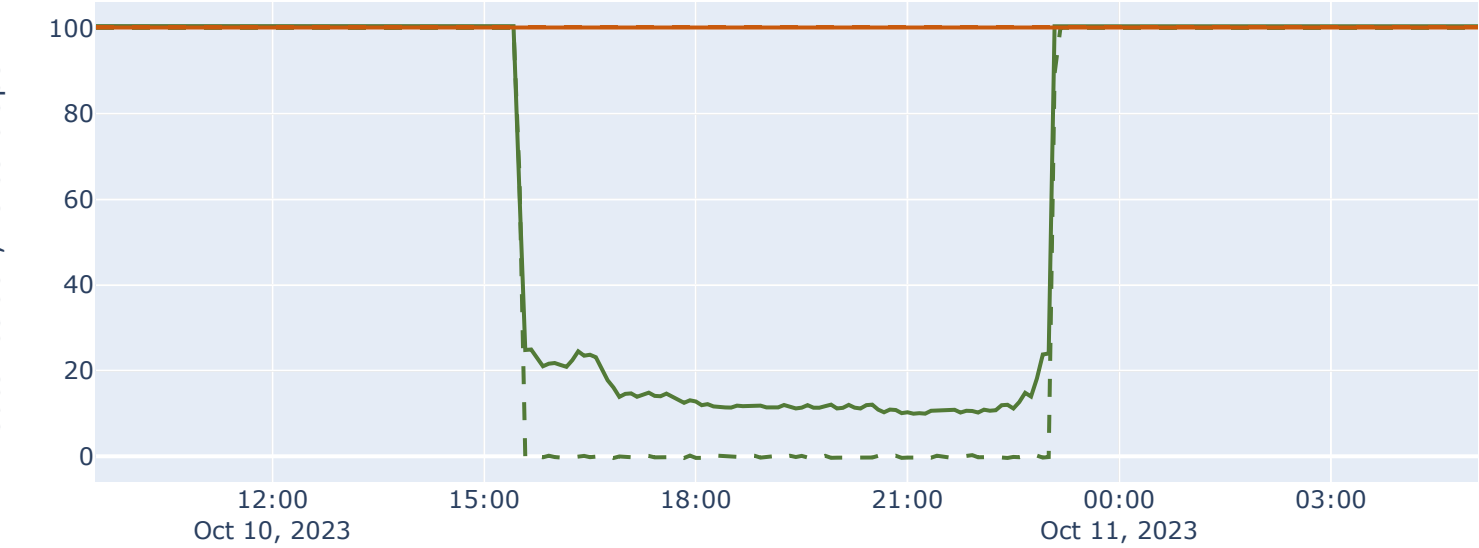
October 10, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	10/10/2023 09:30
Event End Date/Time	10/11/2023 05:05
Total Rainfall Accumulation (in)	1.46
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	16.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

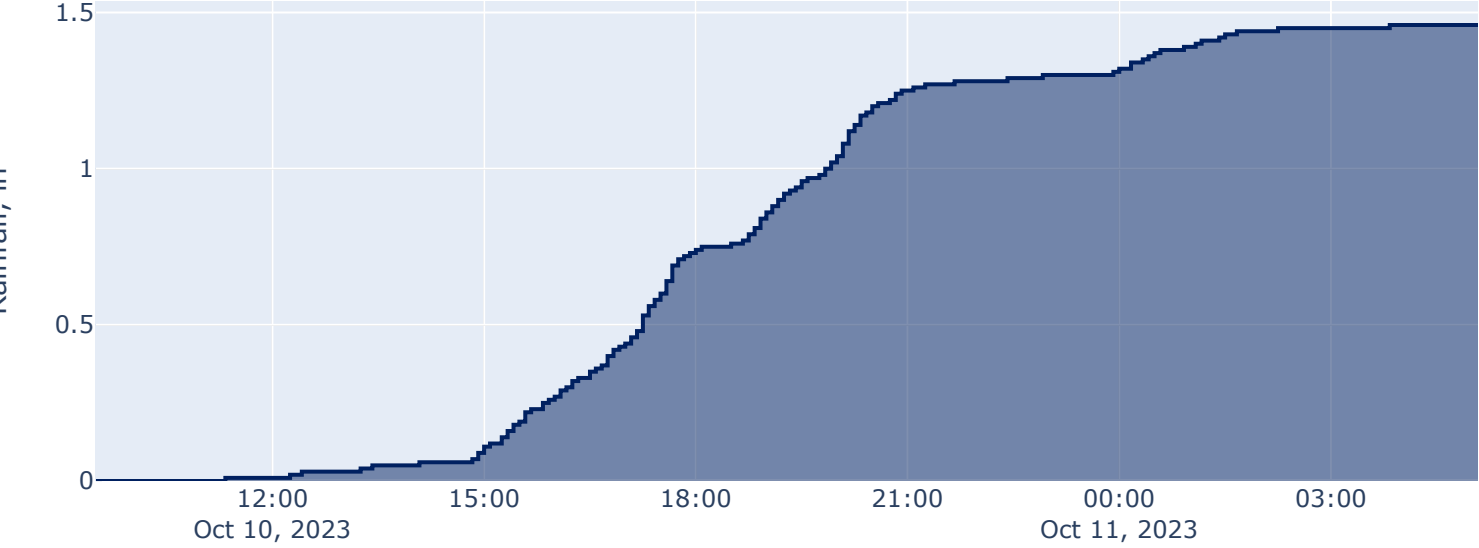
Overflow Data	Value
Overflow Volume Prevented (MG)	0.488
Percent Captured (%)	11
Unused Storage Volume (MG)	2.021
Overflow Before Storage Full	Yes
Storage Utilization (%)	19
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.075
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.075
Overflow Duration (hr)	7.33



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.88	0.88	N/A	N/A
Site Return to Normal Depth (ft)	0.73	0.71	N/A	N/A
Time Activated	10/10/2023 15:25	10/10/2023 15:25	N/A	N/A
Time Returned to Normal	10/10/2023 23:05	10/10/2023 23:10	N/A	N/A



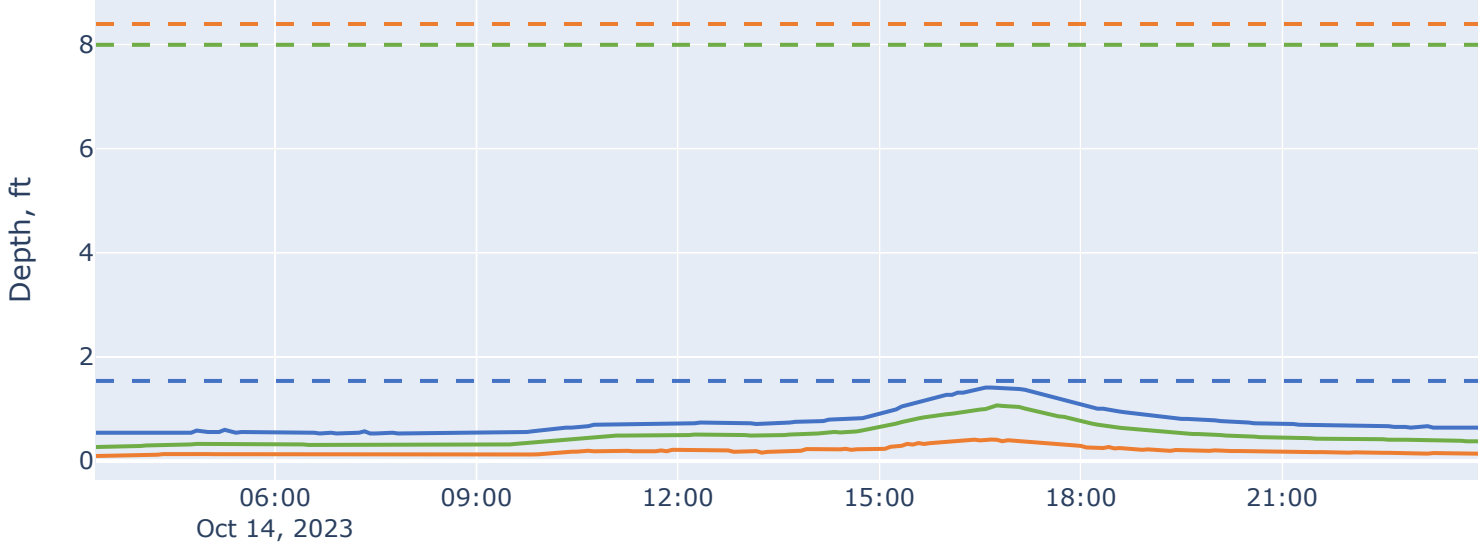
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	6.27	N/A
Volume Stored (MG)	0.488	0
Unused Storage Volume (MG)	0.368	1.653
RTC Depth at Overflow Start (ft)	1.33	0.53
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



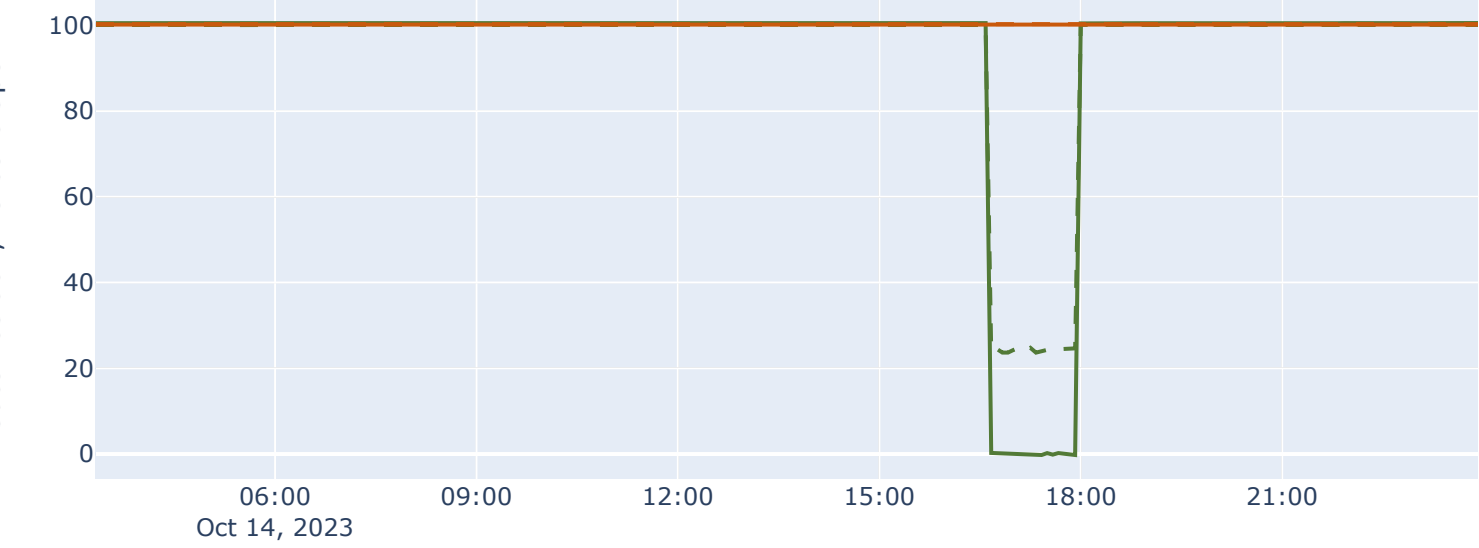
October 14, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	10/14/2023 03:20
Event End Date/Time	10/14/2023 23:55
Total Rainfall Accumulation (in)	0.52
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	14.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

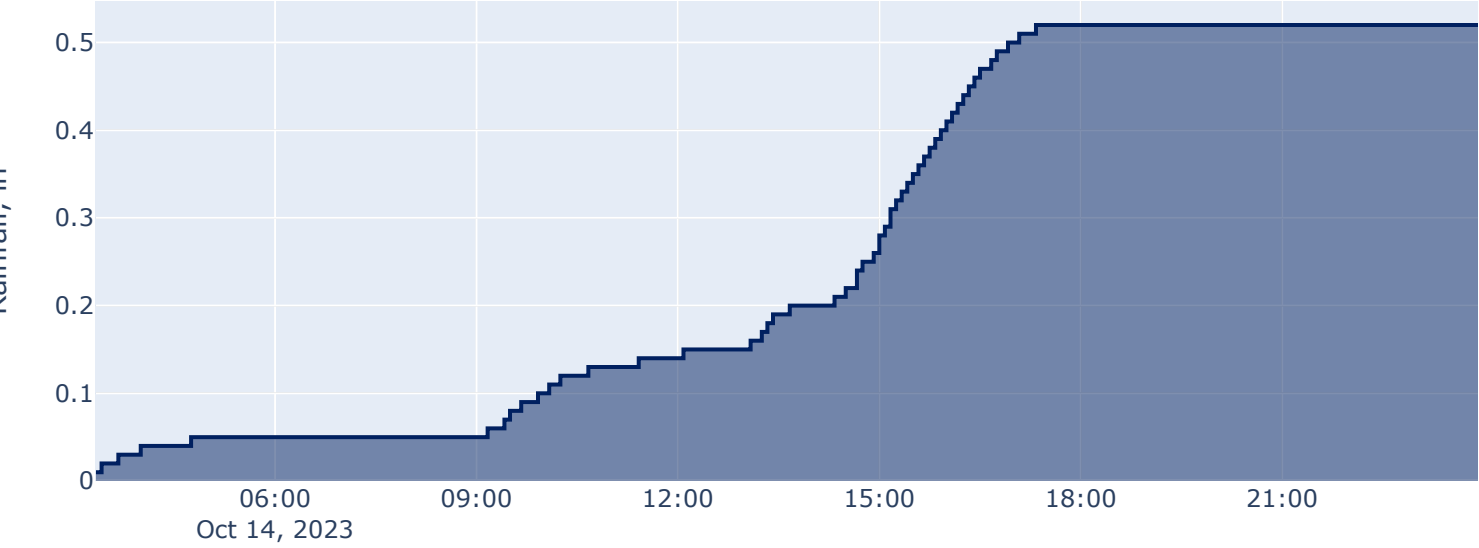
Overflow Data	Value
Overflow Volume Prevented (MG)	0.001
Percent Captured (%)	100
Unused Storage Volume (MG)	2.506
Overflow Before Storage Full	No
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.0	1.0	N/A	N/A
Site Return to Normal Depth (ft)	0.76	0.76	N/A	N/A
Time Activated	10/14/2023 16:35	10/14/2023 16:35	N/A	N/A
Time Returned to Normal	10/14/2023 18:00	10/14/2023 18:00	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.07	N/A
Volume Stored (MG)	0.001	0
Unused Storage Volume (MG)	0.853	1.653
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No

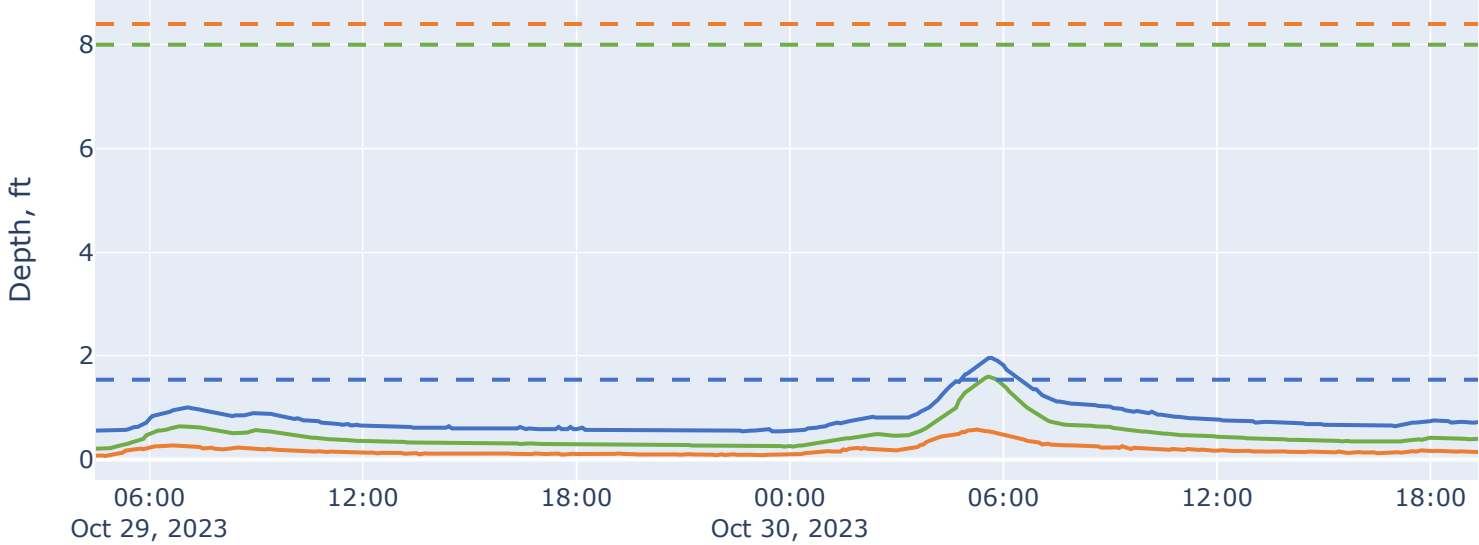


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

October 29, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

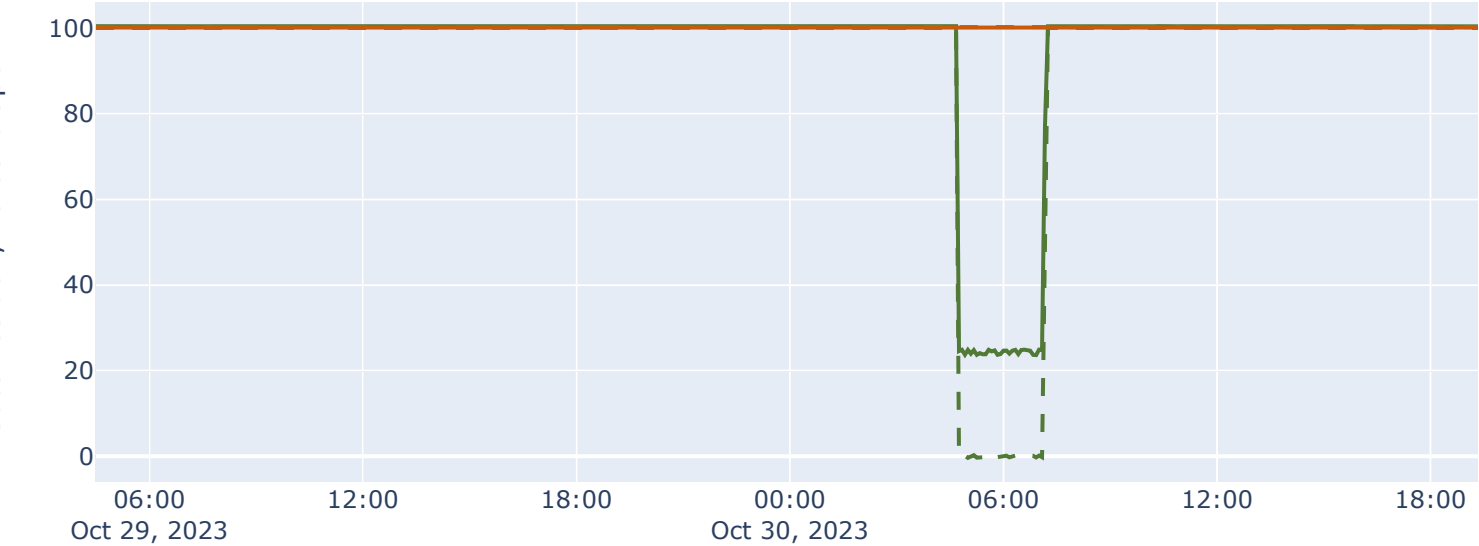
Event Data	Value
Event Start Date/Time	10/29/2023 04:30
Event End Date/Time	10/30/2023 19:20
Total Rainfall Accumulation (in)	0.77
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	19.5
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.014
Percent Captured (%)	7
Unused Storage Volume (MG)	2.493
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.182
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.182
Overflow Duration (hr)	1.58

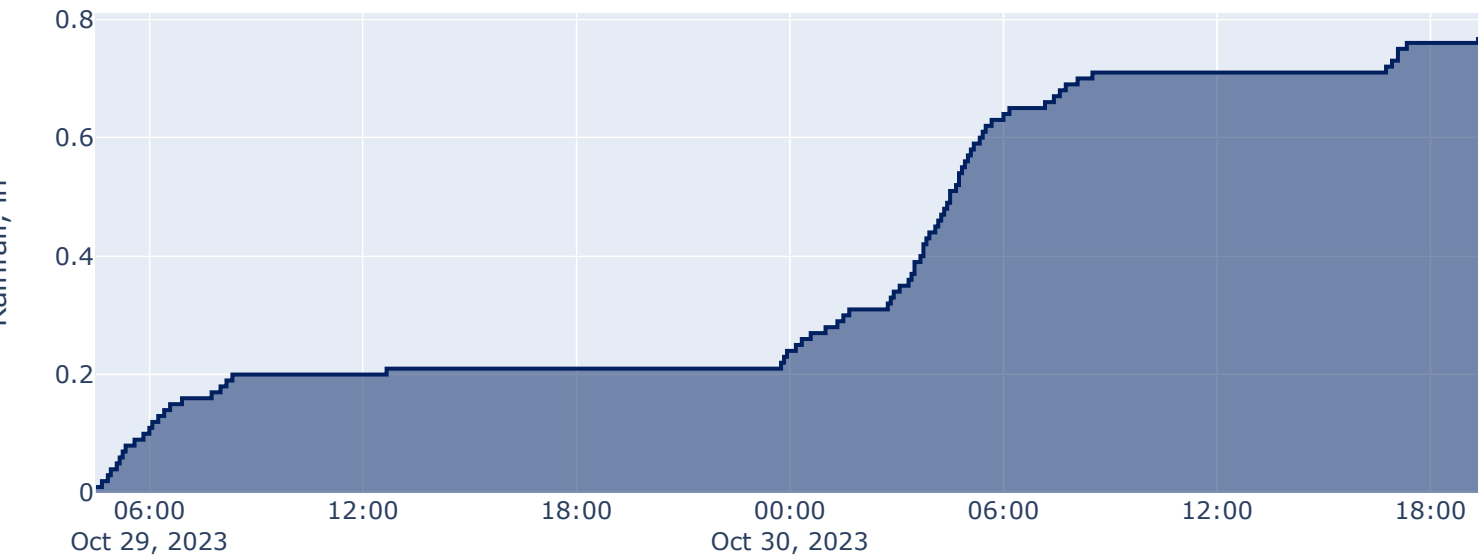


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

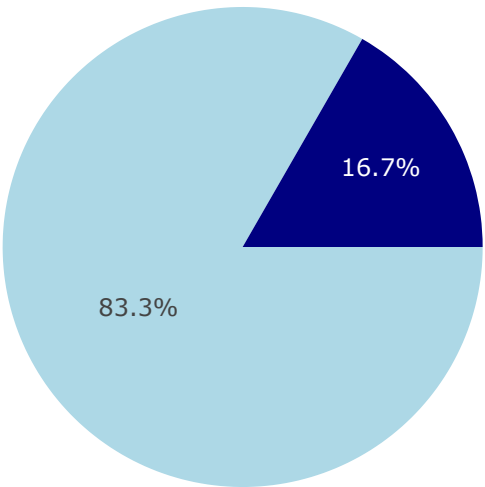
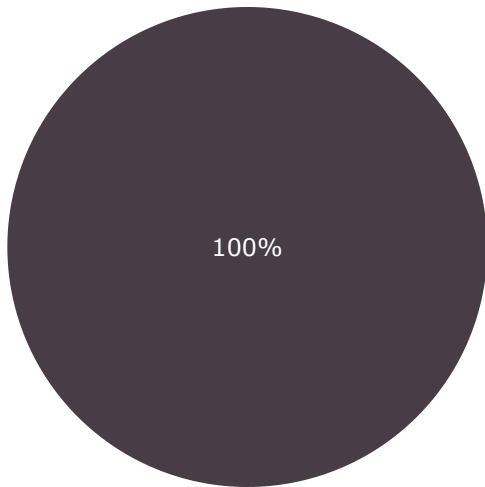
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.0	1.0	N/A	N/A
Site Return to Normal Depth (ft)	0.75	0.75	N/A	N/A
Time Activated	10/30/2023 04:40	10/30/2023 04:40	N/A	N/A
Time Returned to Normal	10/30/2023 07:15	10/30/2023 07:15	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.6	N/A
Volume Stored (MG)	0.014	0
Unused Storage Volume (MG)	0.84	1.653
RTC Depth at Overflow Start (ft)	1.23	0.53
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Nov2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

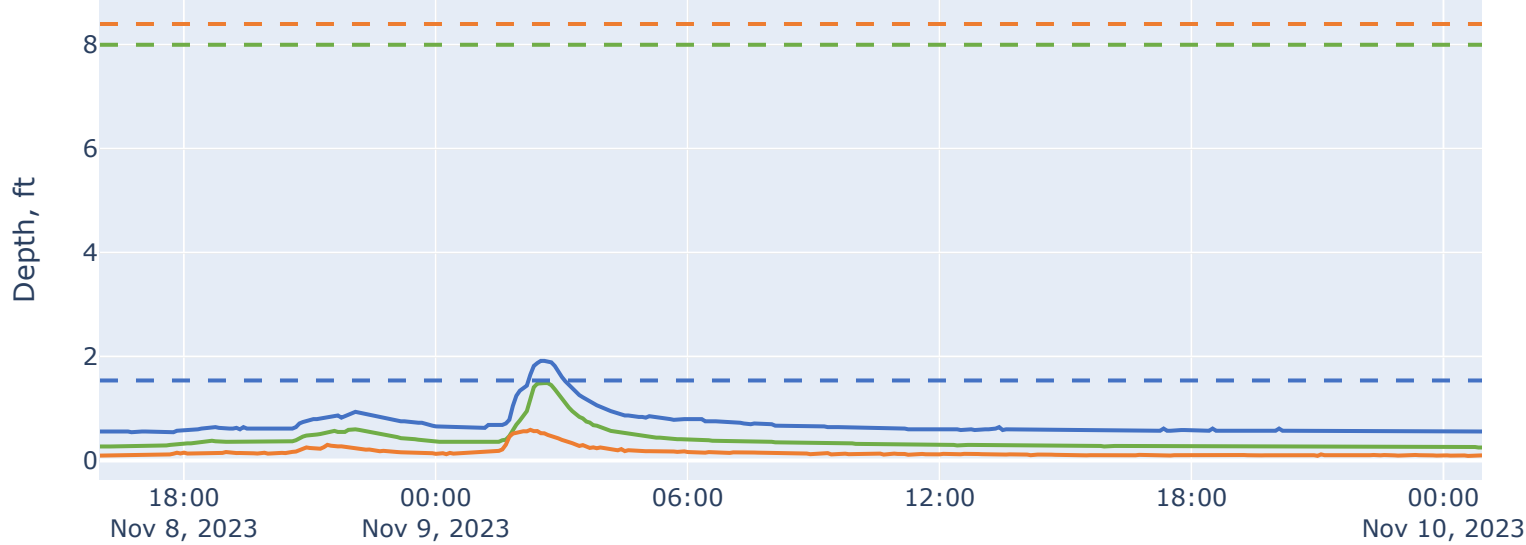
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	3	1.322	6.597	3.43

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
November 08, 2023	0.36	0.112	0.013	10	2.104	1	Good
November 17, 2023	0.98	2.264	0.467	17	2.044	19	Good
November 21, 2023	1.47	4.221	0.842	17	1.235	41	Good

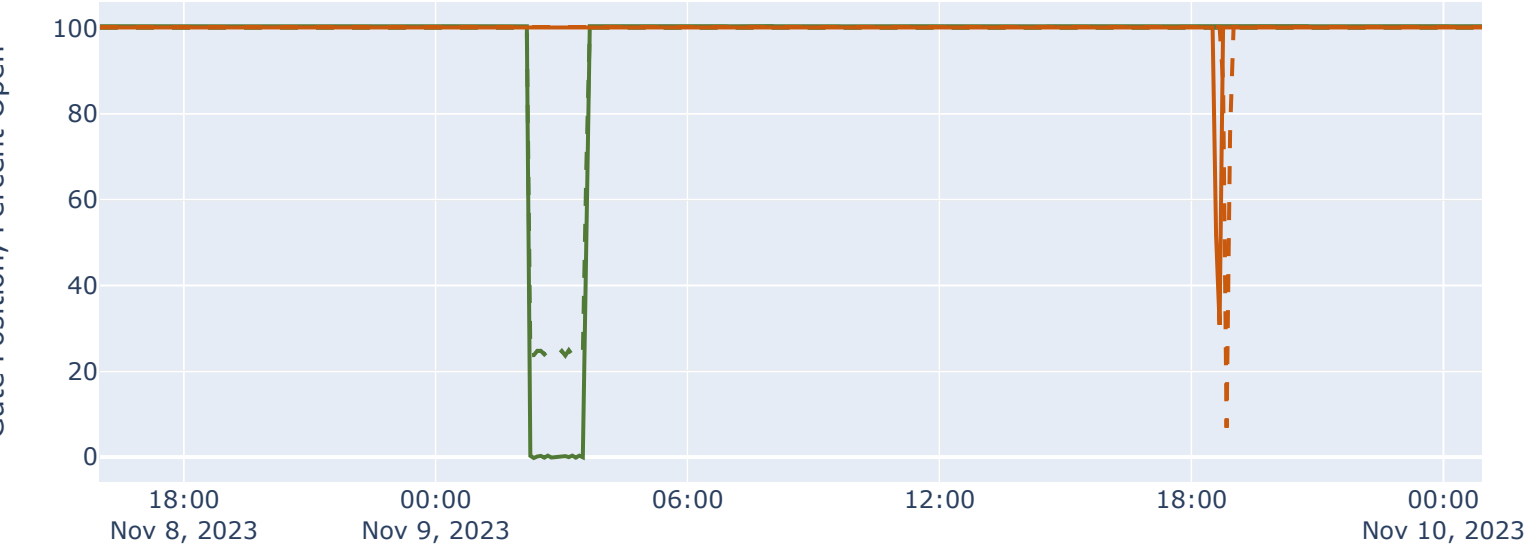
November 08, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	11/08/2023 16:00
Event End Date/Time	11/10/2023 00:55
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	11.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

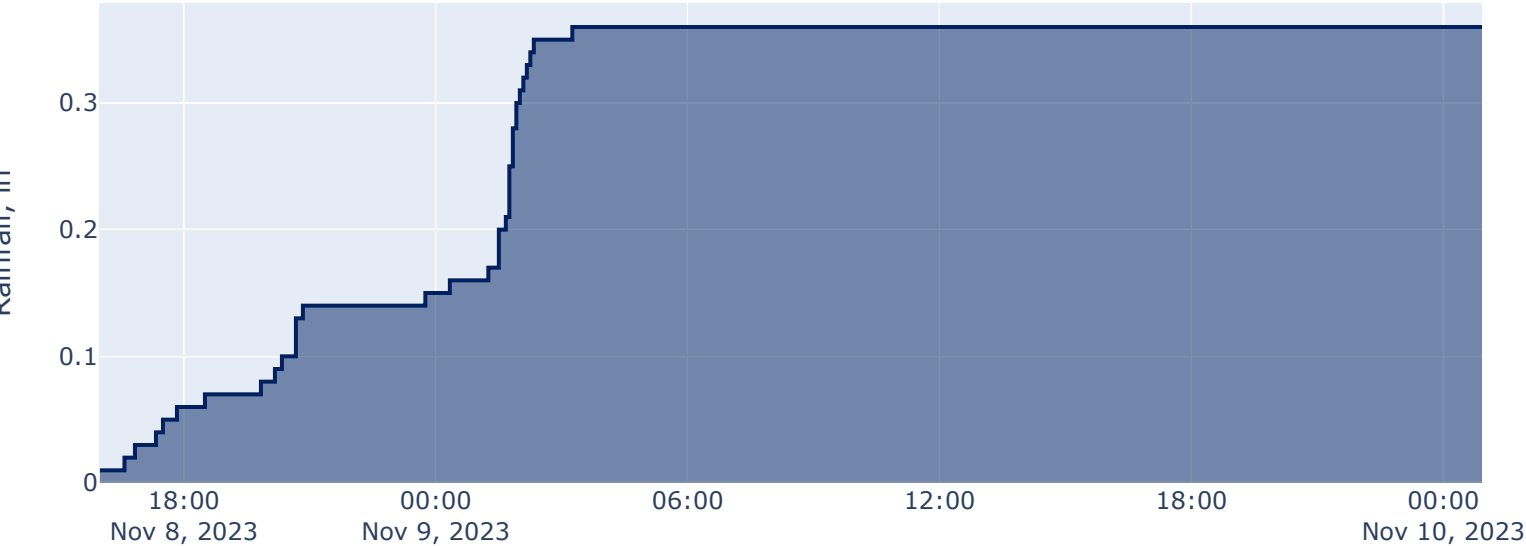
Overflow Data	Value
Overflow Volume Prevented (MG)	0.013
Percent Captured (%)	10
Unused Storage Volume (MG)	2.104
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.112
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.112
Overflow Duration (hr)	0.75



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	0.28	0.28
Site Depth at Activation (ft)	0.95	0.95	0.11	0.1
Site Return to Normal Depth (ft)	0.73	0.73	0.1	0.12
Time Activated	11/09/2023 02:10	11/09/2023 02:10	11/09/2023 18:30	11/09/2023 18:40
Time Returned to Normal	11/09/2023 03:40	11/09/2023 03:40	11/09/2023 18:45	11/09/2023 19:00



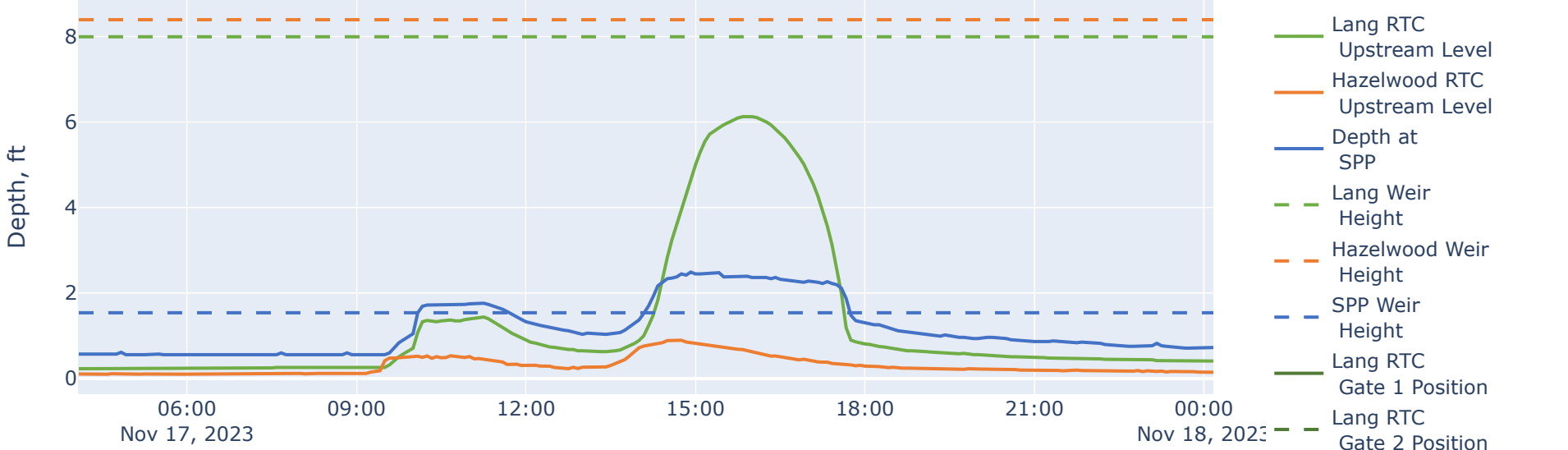
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.5	0.12
Volume Stored (MG)	0.012	0.001
Unused Storage Volume (MG)	0.843	1.261
RTC Depth at Overflow Start (ft)	1.18	0.59
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



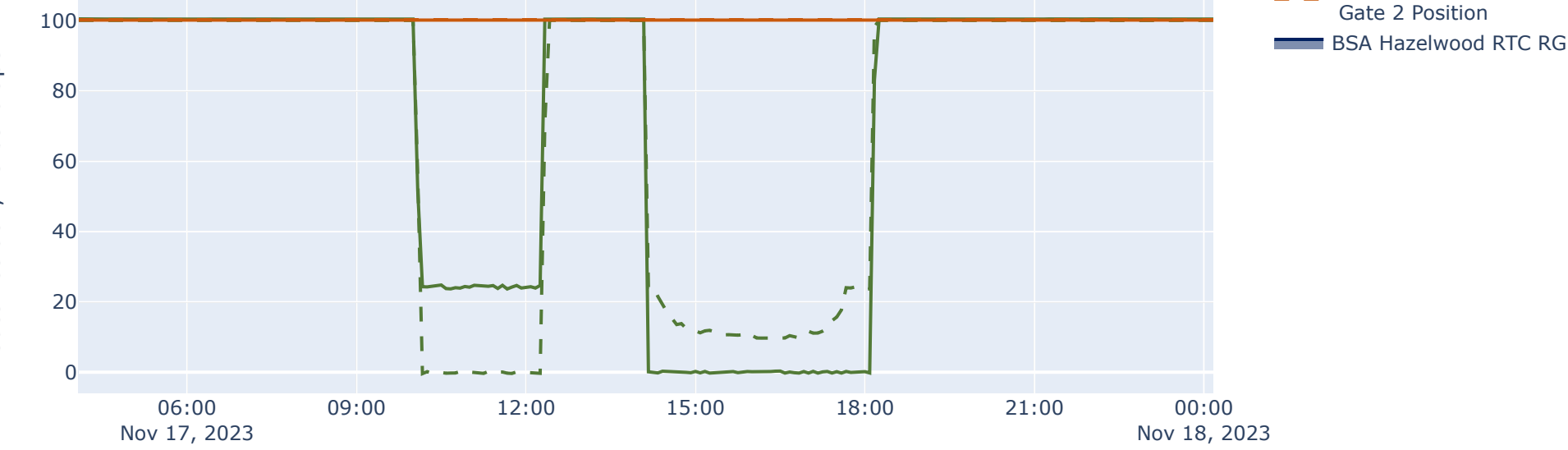
November 17, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	11/17/2023 04:05
Event End Date/Time	11/18/2023 00:10
Total Rainfall Accumulation (in)	0.98
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	7.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

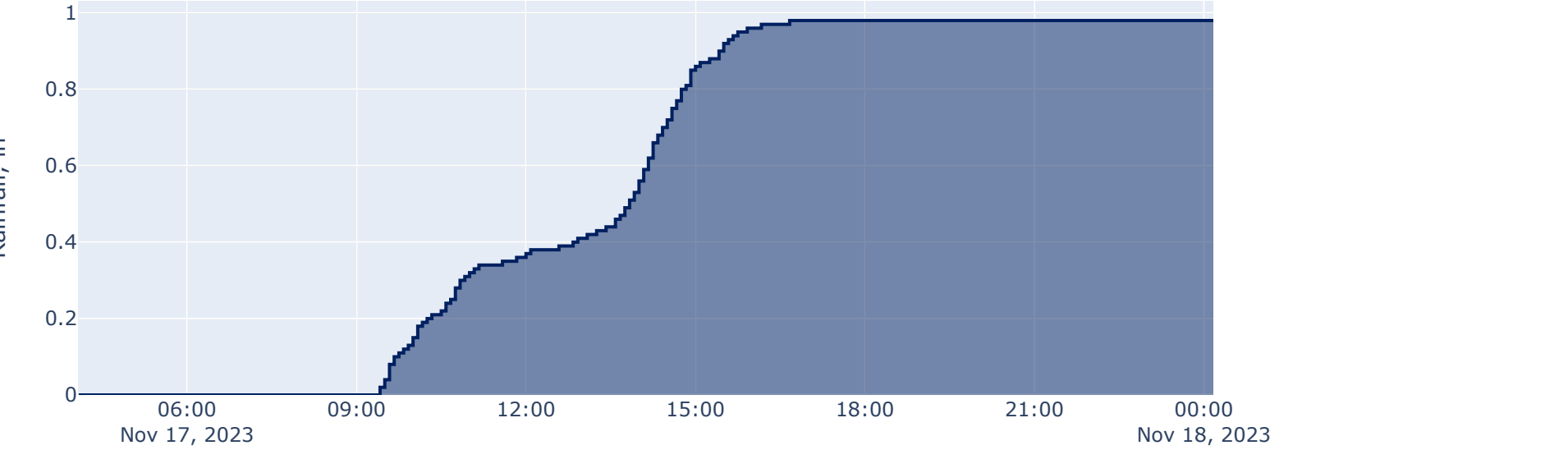
Overflow Data	Value
Overflow Volume Prevented (MG)	0.467
Percent Captured (%)	17
Unused Storage Volume (MG)	2.044
Overflow Before Storage Full	Yes
Storage Utilization (%)	19
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.264
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.264
Overflow Duration (hr)	7.5



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.71	0.71	N/A	N/A
Site Return to Normal Depth (ft)	0.75	0.75	N/A	N/A
Time Activated	11/17/2023 10:00	11/17/2023 10:00	N/A	N/A
Time Returned to Normal	11/17/2023 18:15	11/17/2023 18:15	N/A	N/A



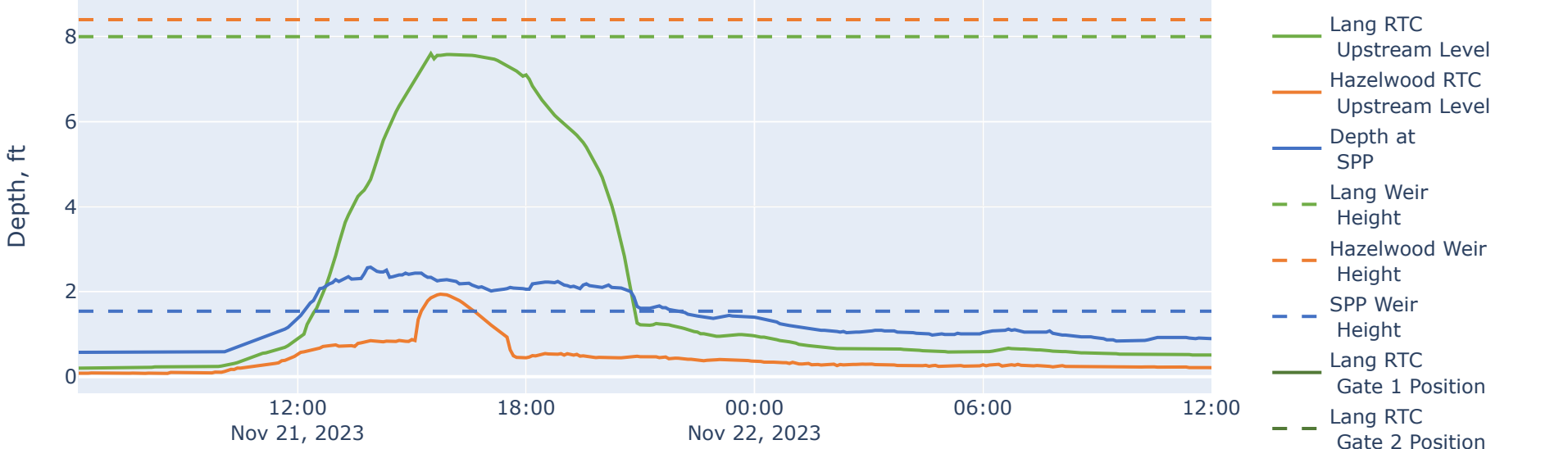
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	6.14	N/A
Volume Stored (MG)	0.467	0
Unused Storage Volume (MG)	0.391	1.653
RTC Depth at Overflow Start (ft)	1.33	0.5
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



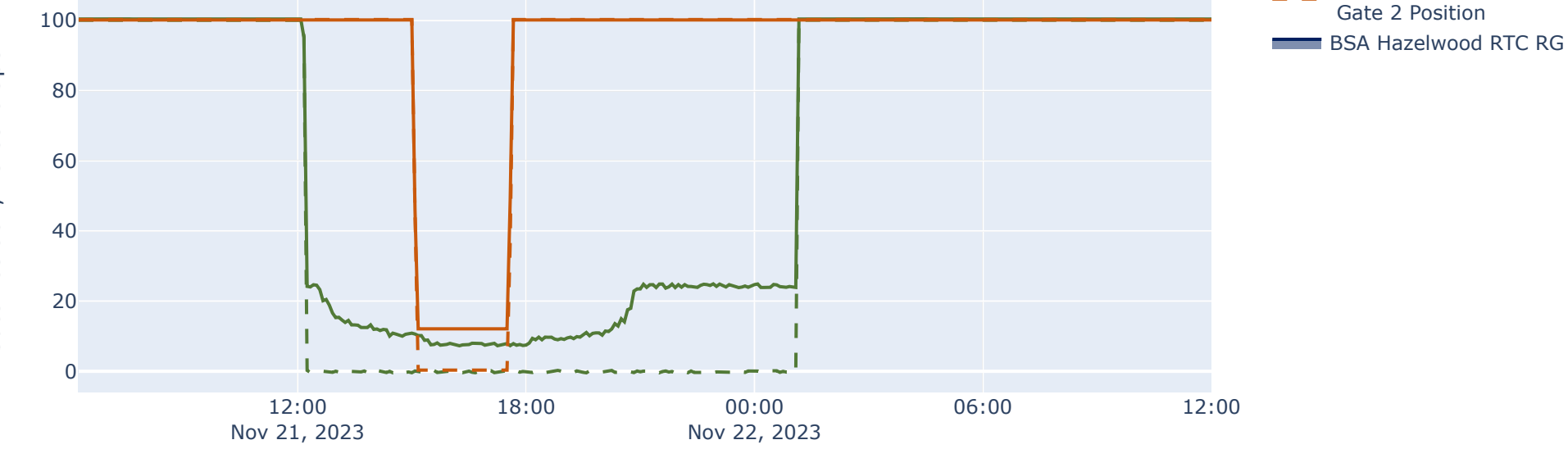
November 21, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	11/21/2023 06:15
Event End Date/Time	11/22/2023 12:00
Total Rainfall Accumulation (in)	1.47
Maximum Rainfall Intensity (in/hr)	0.6
Storm Event Duration (hr)	26.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

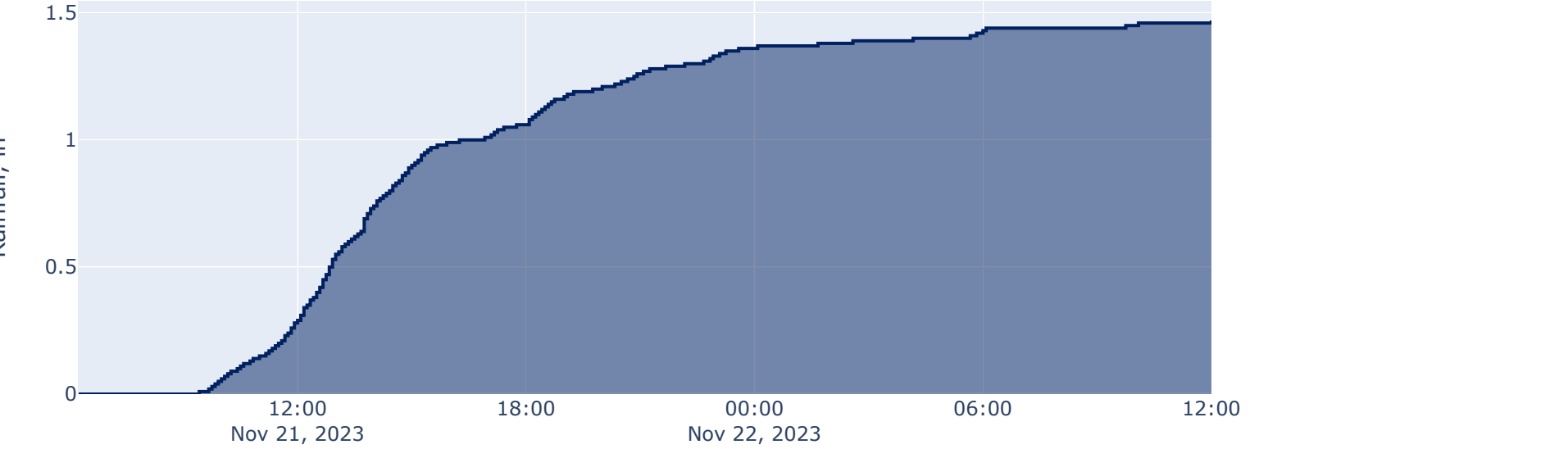
Overflow Data	Value
Overflow Volume Prevented (MG)	0.842
Percent Captured (%)	17
Unused Storage Volume (MG)	1.235
Overflow Before Storage Full	Yes
Storage Utilization (%)	41
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	4.221
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	4.221
Overflow Duration (hr)	9.75



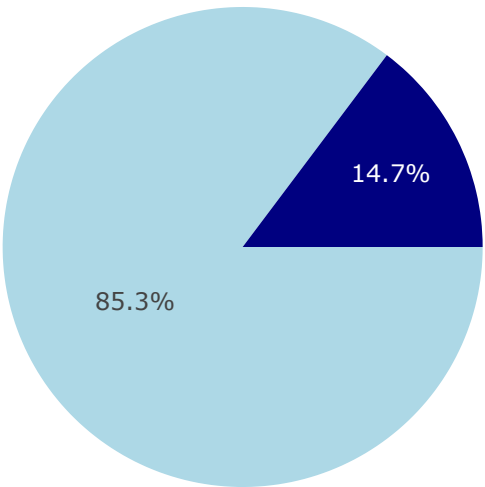
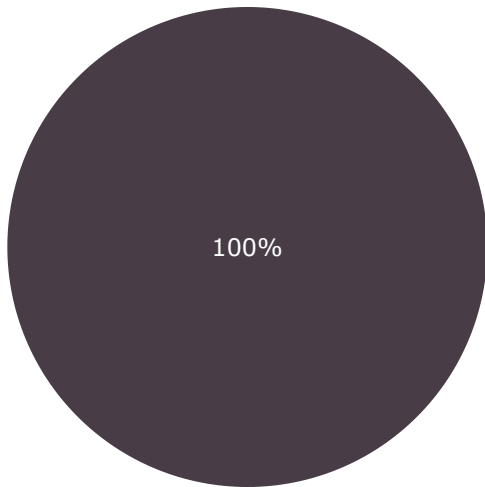
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	6.87	6.87
Site Depth at Activation (ft)	0.92	0.92	0.87	0.87
Site Return to Normal Depth (ft)	0.76	0.76	0.49	0.49
Time Activated	11/21/2023 12:05	11/21/2023 12:05	11/21/2023 15:00	11/21/2023 15:00
Time Returned to Normal	11/22/2023 01:10	11/22/2023 01:10	11/21/2023 17:40	11/21/2023 17:40



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.6	1.94
Volume Stored (MG)	0.76	0.082
Unused Storage Volume (MG)	0.095	1.14
RTC Depth at Overflow Start (ft)	1.0	0.58
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Dec2023 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

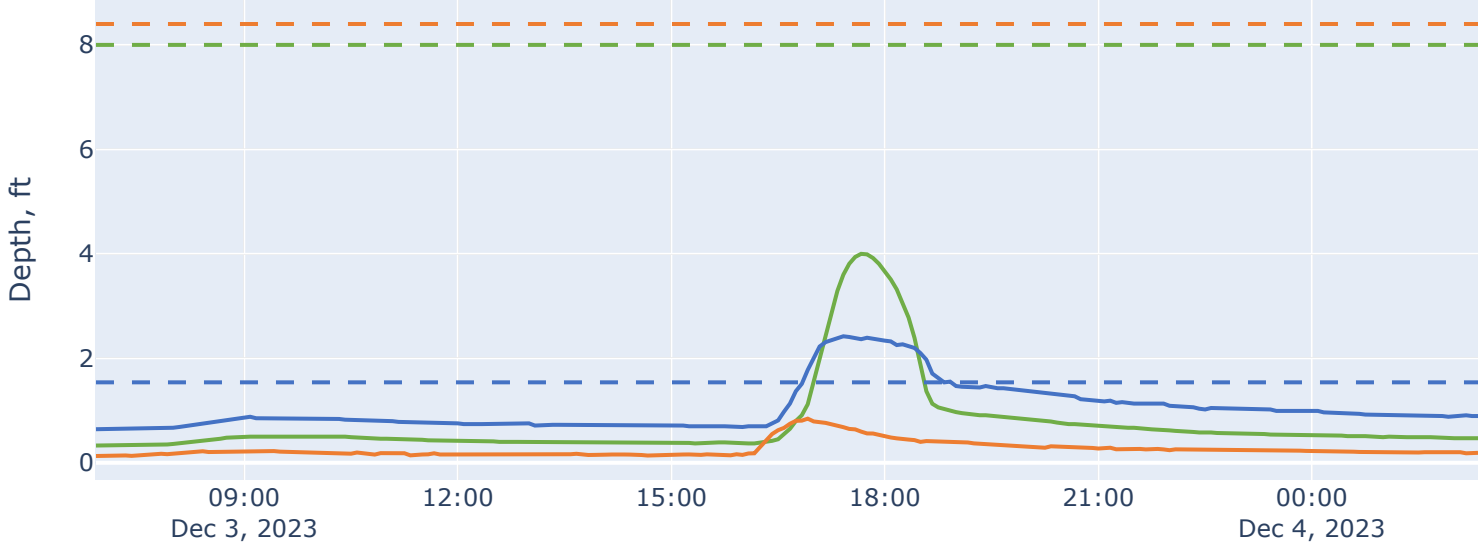
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	4	1.515	8.763	4.71

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
December 03, 2023	0.39	0.97	0.171	15	2.338	7	Good
December 09, 2023	0.63	1.975	0.32	14	2.187	13	Good
December 17, 2023	0.72	0.352	0.012	3	2.495	0	Good
December 27, 2023	1.15	5.466	1.012	16	1.054	49	Good

December 03, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

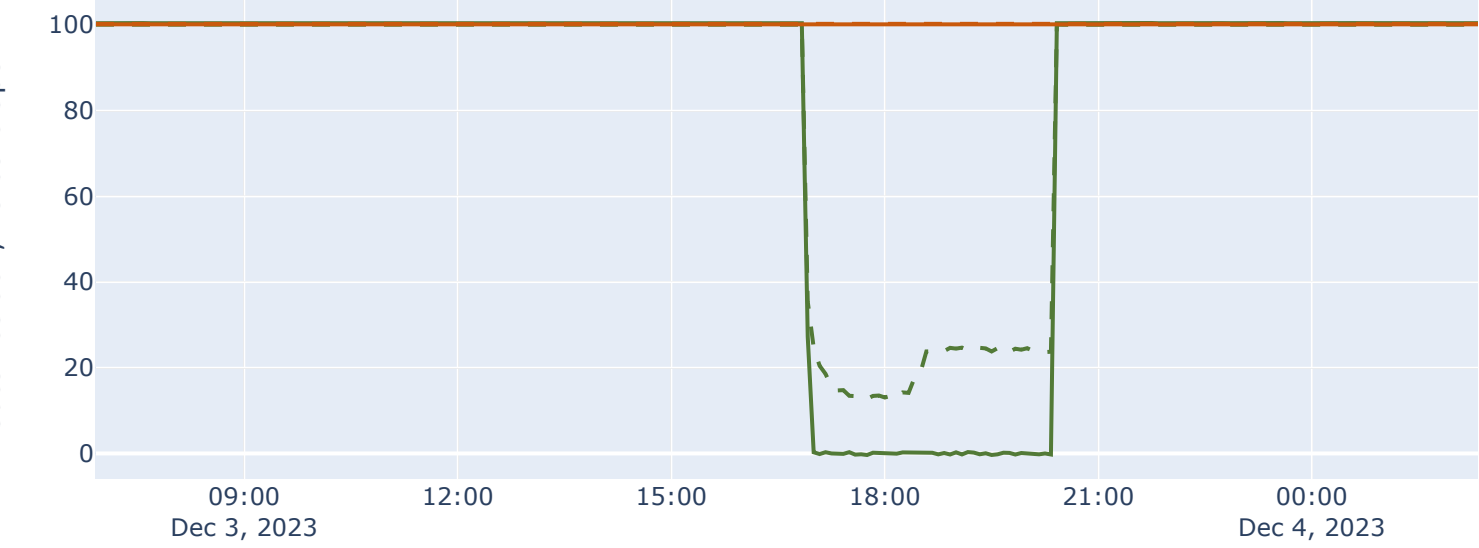
Event Data	Value
Event Start Date/Time	12/03/2023 06:55
Event End Date/Time	12/04/2023 02:20
Total Rainfall Accumulation (in)	0.39
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	6.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.171
Percent Captured (%)	15
Unused Storage Volume (MG)	2.338
Overflow Before Storage Full	Yes
Storage Utilization (%)	7
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.97
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.97
Overflow Duration (hr)	2.0

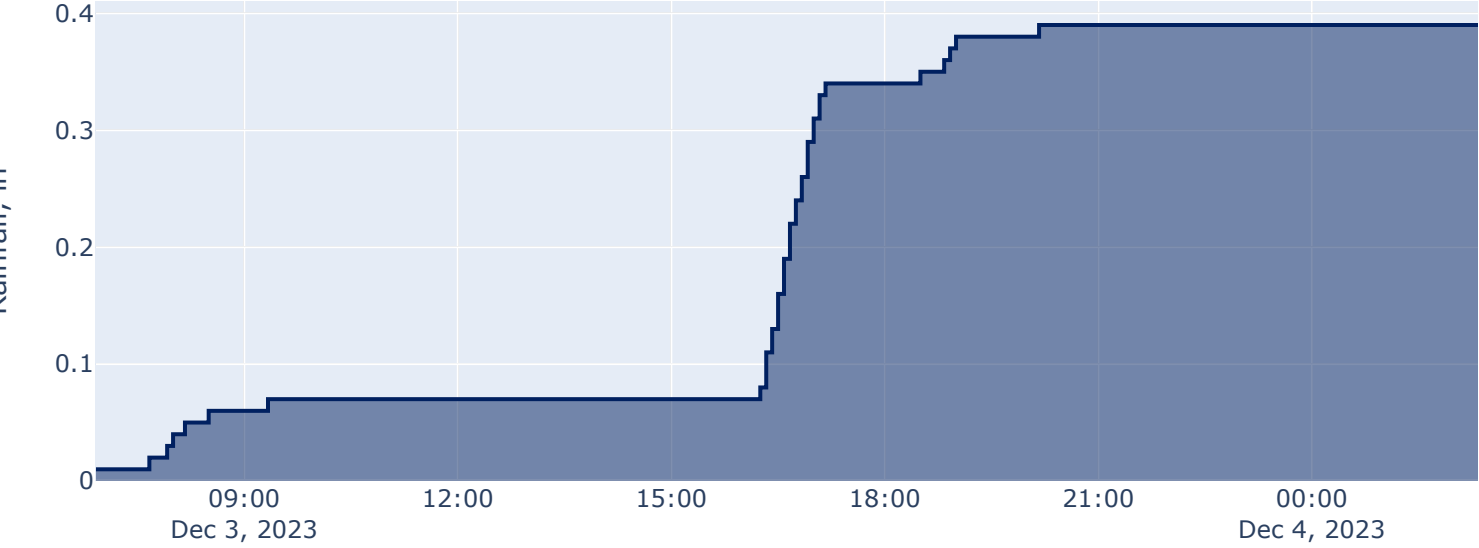


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.91	0.91	N/A	N/A
Site Return to Normal Depth (ft)	0.77	0.77	N/A	N/A
Time Activated	12/03/2023 16:50	12/03/2023 16:50	N/A	N/A
Time Returned to Normal	12/03/2023 20:25	12/03/2023 20:25	N/A	N/A



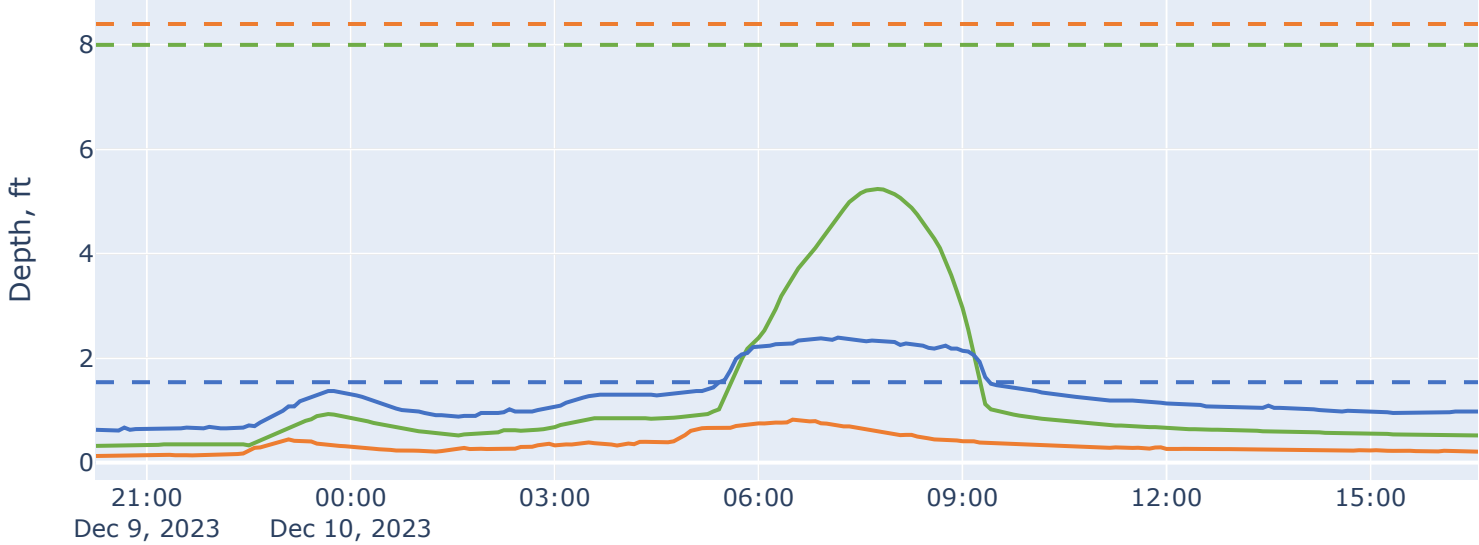
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	4.0	N/A
Volume Stored (MG)	0.171	0
Unused Storage Volume (MG)	0.685	1.653
RTC Depth at Overflow Start (ft)	1.12	0.84
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



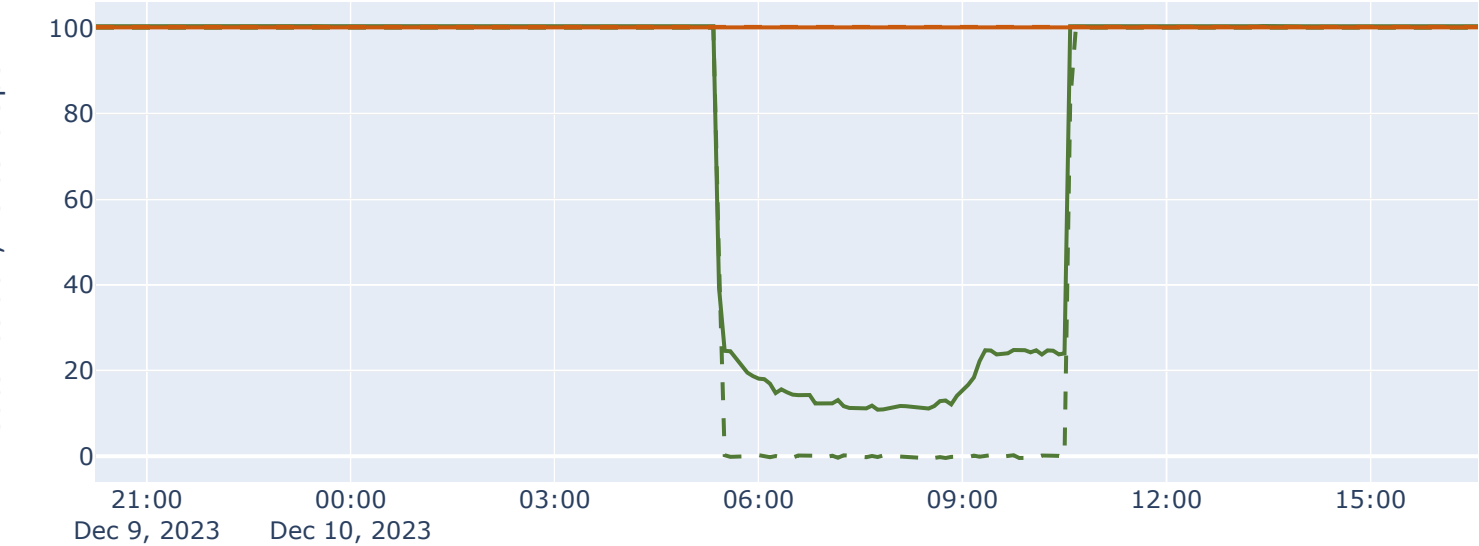
December 09, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	12/09/2023 20:15
Event End Date/Time	12/10/2023 16:35
Total Rainfall Accumulation (in)	0.63
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	10.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

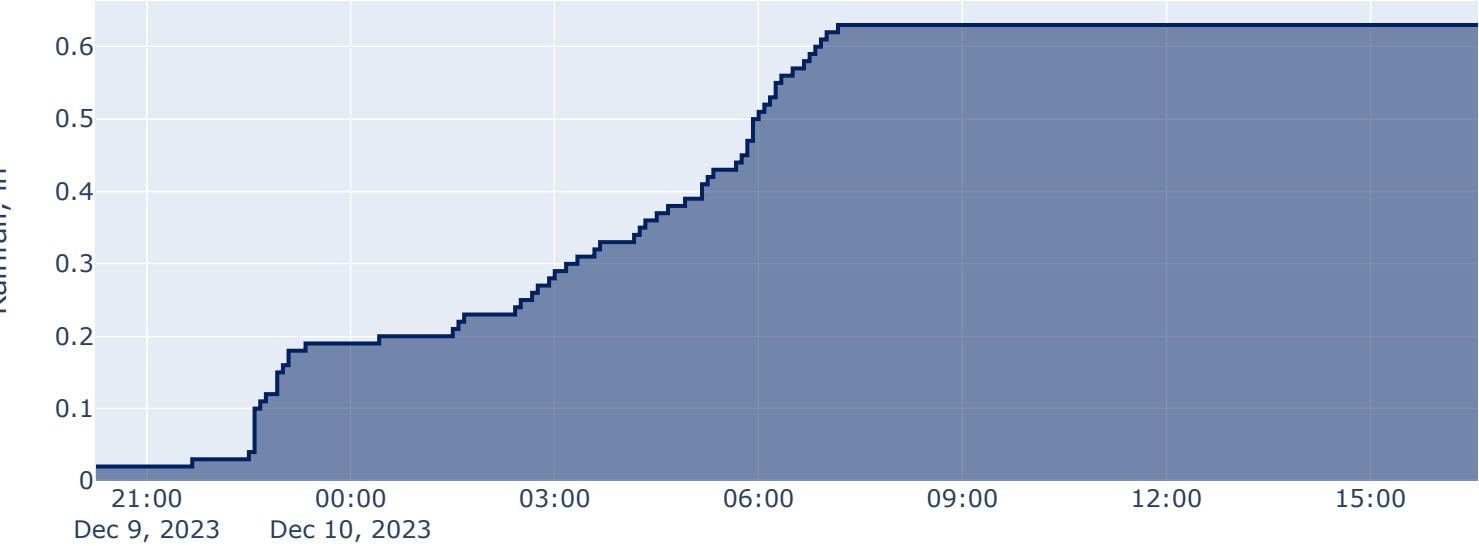
Overflow Data	Value
Overflow Volume Prevented (MG)	0.32
Percent Captured (%)	14
Unused Storage Volume (MG)	2.187
Overflow Before Storage Full	Yes
Storage Utilization (%)	13
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	1.975
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	1.975
Overflow Duration (hr)	3.83



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.98	0.98	N/A	N/A
Site Return to Normal Depth (ft)	0.77	0.76	N/A	N/A
Time Activated	12/10/2023 05:20	12/10/2023 05:20	N/A	N/A
Time Returned to Normal	12/10/2023 10:35	12/10/2023 10:40	N/A	N/A



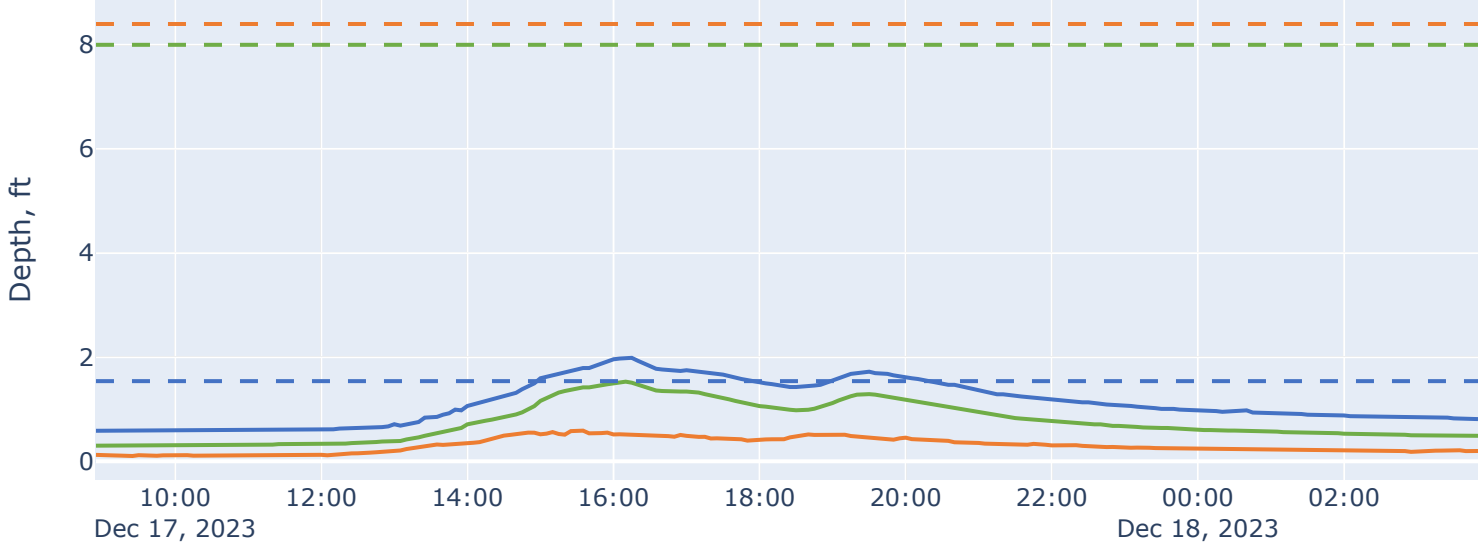
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	5.24	N/A
Volume Stored (MG)	0.32	0
Unused Storage Volume (MG)	0.534	1.653
RTC Depth at Overflow Start (ft)	1.26	0.65
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



December 17, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

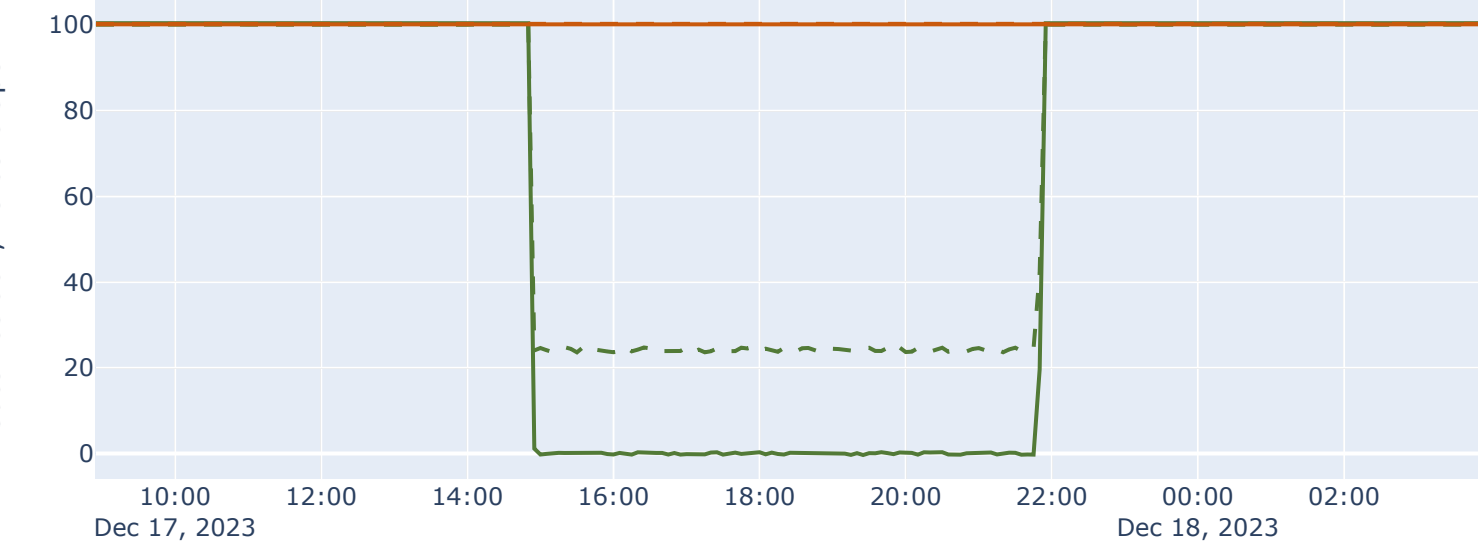
Event Data	Value
Event Start Date/Time	12/17/2023 08:55
Event End Date/Time	12/18/2023 03:50
Total Rainfall Accumulation (in)	0.72
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	9.58
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.012
Percent Captured (%)	3
Unused Storage Volume (MG)	2.495
Overflow Before Storage Full	Yes
Storage Utilization (%)	0
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.352
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.352
Overflow Duration (hr)	5.25

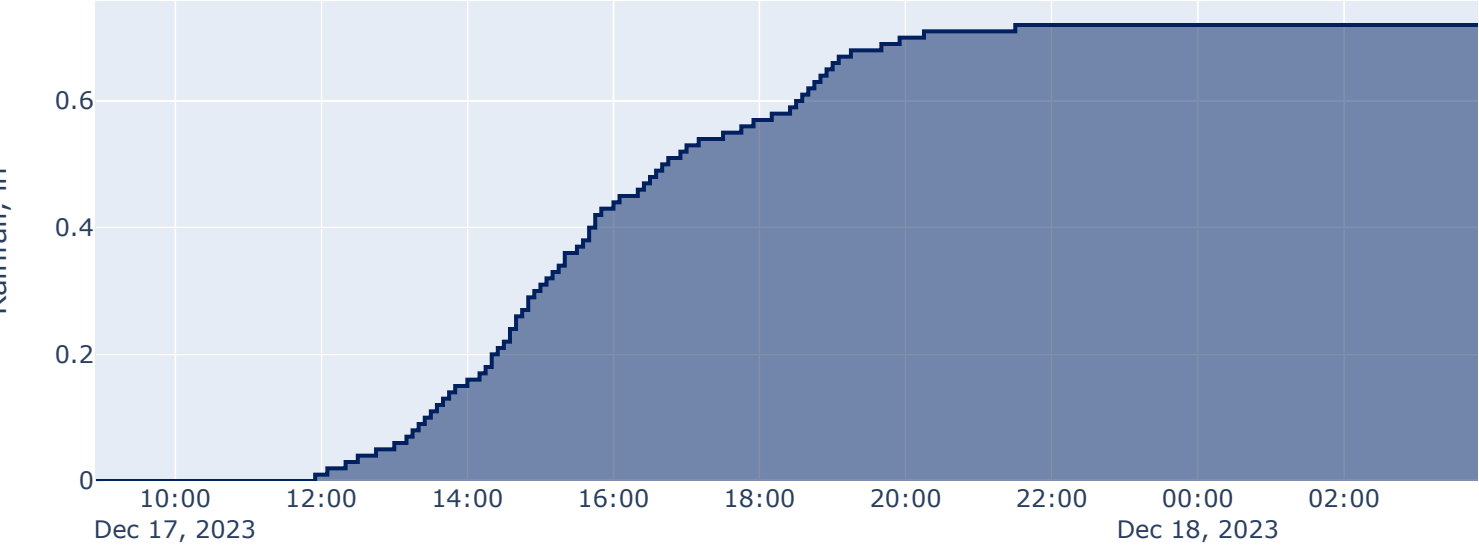


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.0	1.0	N/A	N/A
Site Return to Normal Depth (ft)	0.77	0.77	N/A	N/A
Time Activated	12/17/2023 14:50	12/17/2023 14:50	N/A	N/A
Time Returned to Normal	12/17/2023 21:55	12/17/2023 21:55	N/A	N/A



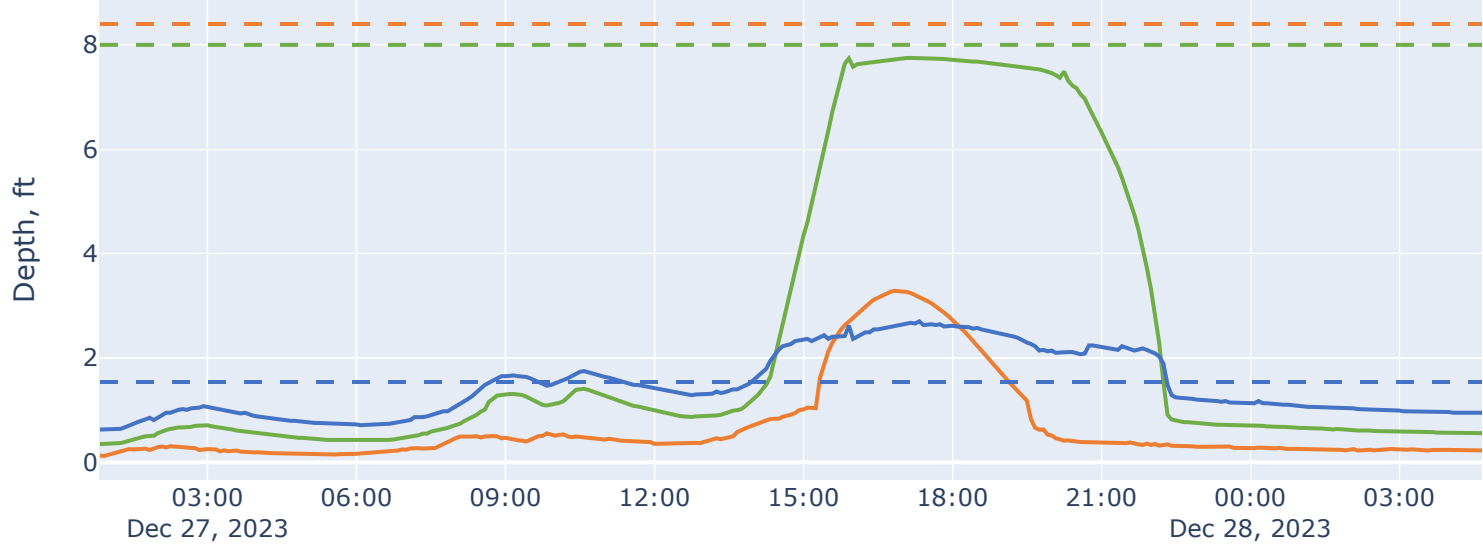
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.53	N/A
Volume Stored (MG)	0.012	0
Unused Storage Volume (MG)	0.842	1.653
RTC Depth at Overflow Start (ft)	1.16	0.52
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



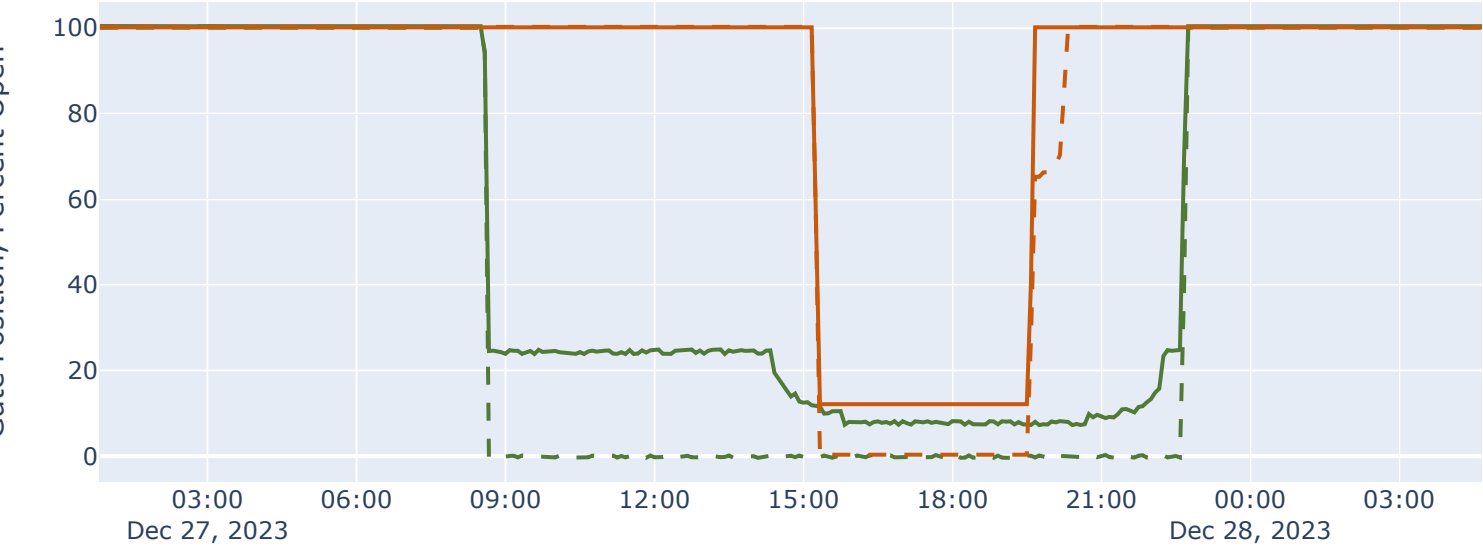
December 27, 2023 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	12/27/2023 00:50
Event End Date/Time	12/28/2023 04:40
Total Rainfall Accumulation (in)	1.15
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	22.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

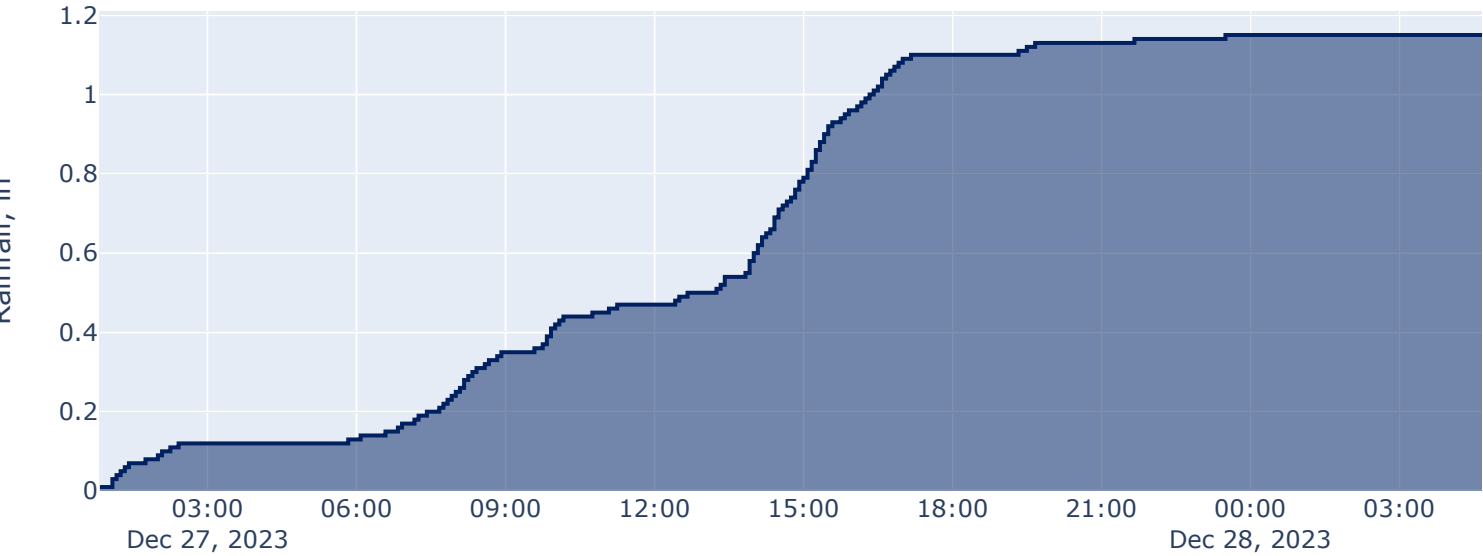
Overflow Data	Value
Overflow Volume Prevented (MG)	1.012
Percent Captured (%)	16
Unused Storage Volume (MG)	1.054
Overflow Before Storage Full	Yes
Storage Utilization (%)	49
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	5.466
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	5.466
Overflow Duration (hr)	13.5



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	4.94	4.94
Site Depth at Activation (ft)	0.97	0.97	1.04	1.04
Site Return to Normal Depth (ft)	0.77	0.77	0.66	0.42
Time Activated	12/27/2023 08:30	12/27/2023 08:30	12/27/2023 15:10	12/27/2023 15:10
Time Returned to Normal	12/27/2023 22:45	12/27/2023 22:45	12/27/2023 19:40	12/27/2023 20:20

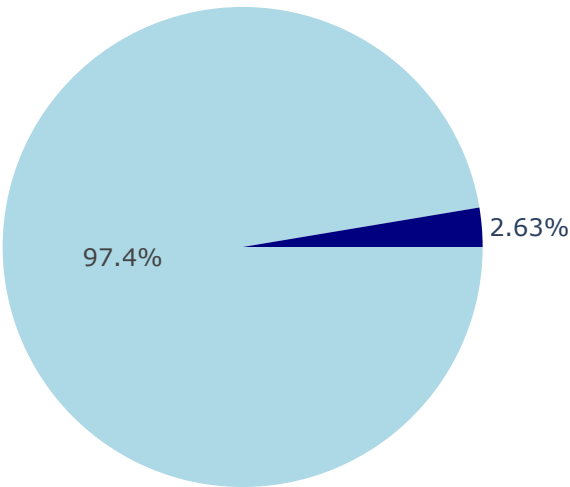
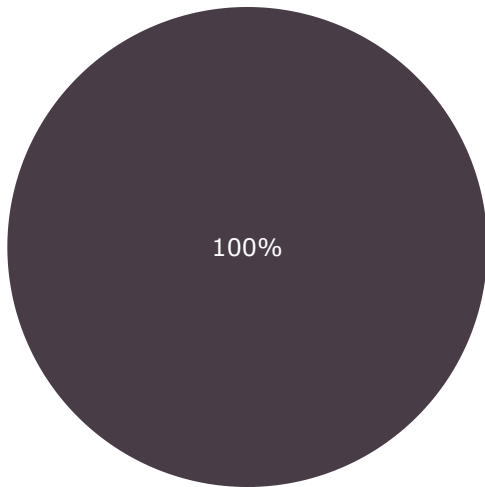


RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.75	3.29
Volume Stored (MG)	0.795	0.217
Unused Storage Volume (MG)	0.06	0.994
RTC Depth at Overflow Start (ft)	1.24	0.5
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

Jan2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

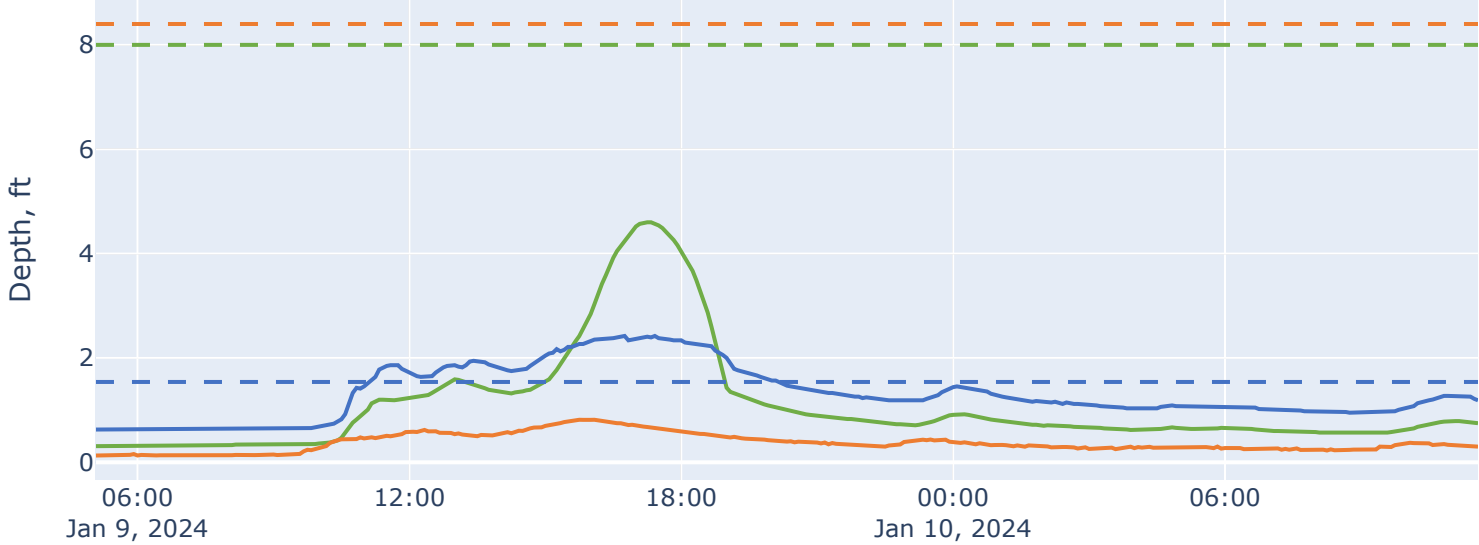
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	4	1.555	57.540	4.55

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
January 09, 2024	0.85	2.882	0.237	8	2.272	9	Good
January 11, 2024	0.43	0.33	0.017	5	2.491	1	Good
January 23, 2024	0.92	54.25	1.295	2	0.766	63	Good
January 28, 2024	0.42	0.078	0.006	7	2.502	0	Good

January 09, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

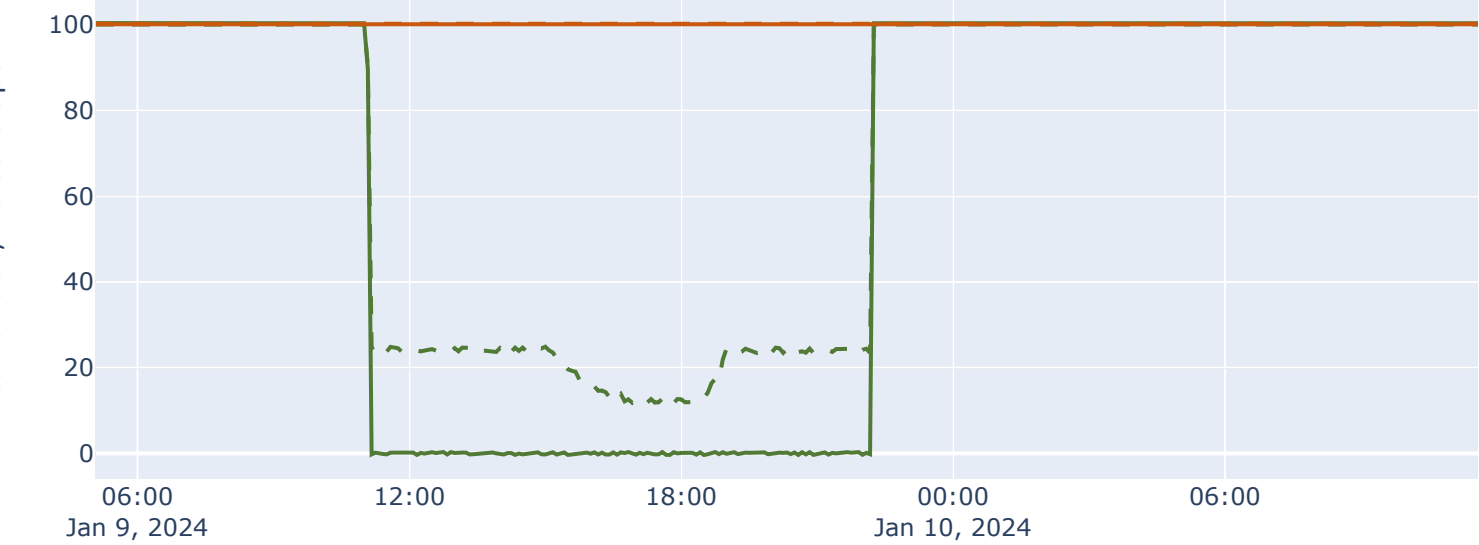
Event Data	Value
Event Start Date/Time	01/09/2024 05:05
Event End Date/Time	01/10/2024 11:35
Total Rainfall Accumulation (in)	0.85
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	19.25
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.237
Percent Captured (%)	8
Unused Storage Volume (MG)	2.272
Overflow Before Storage Full	Yes
Storage Utilization (%)	9
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	2.882
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	2.882
Overflow Duration (hr)	8.92

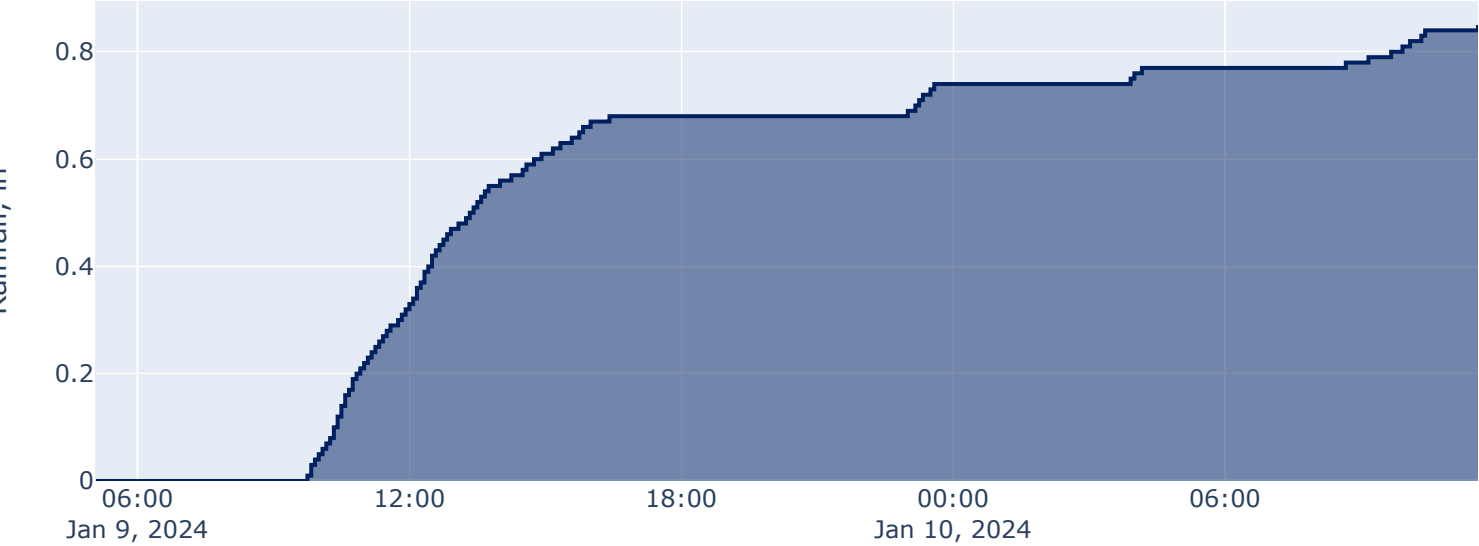


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.95	0.95	N/A	N/A
Site Return to Normal Depth (ft)	0.78	0.78	N/A	N/A
Time Activated	01/09/2024 11:00	01/09/2024 11:00	N/A	N/A
Time Returned to Normal	01/09/2024 22:15	01/09/2024 22:15	N/A	N/A



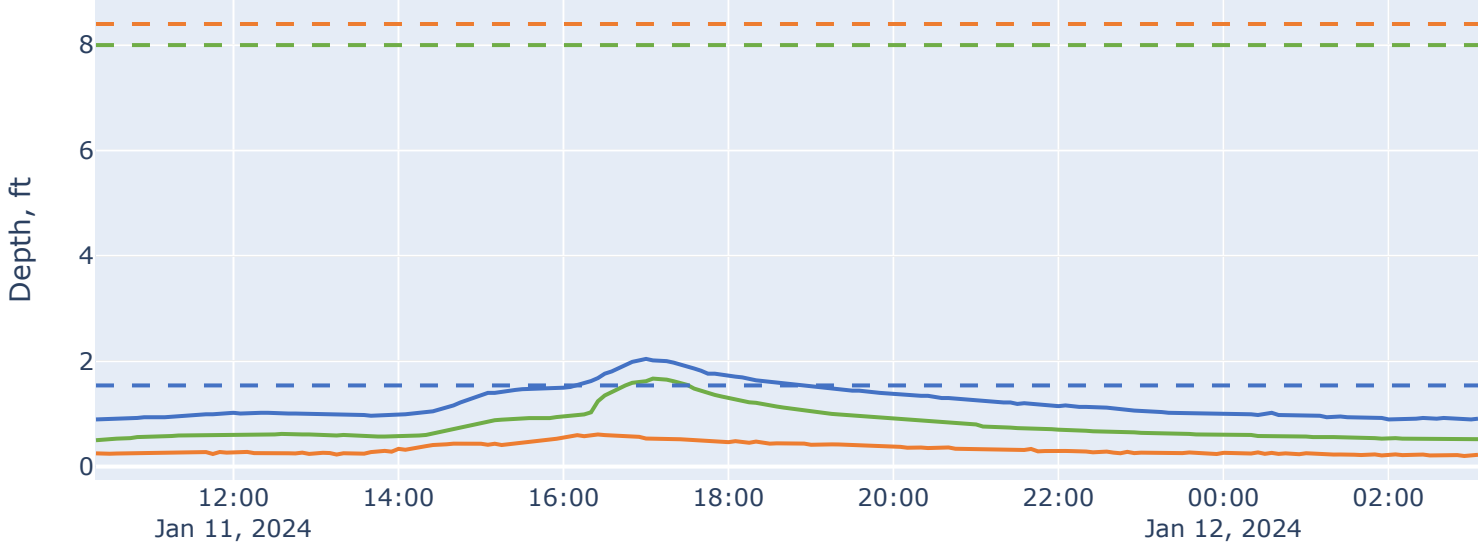
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	4.6	N/A
Volume Stored (MG)	0.237	0
Unused Storage Volume (MG)	0.619	1.653
RTC Depth at Overflow Start (ft)	1.13	0.48
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



January 11, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

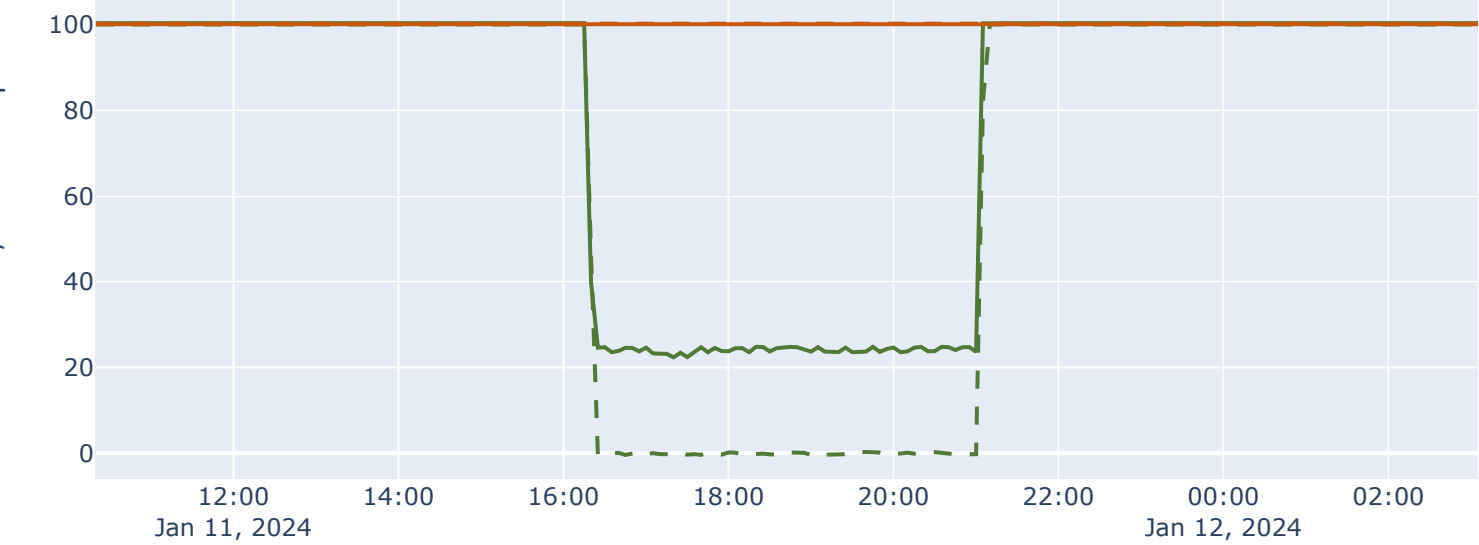
Event Data	Value
Event Start Date/Time	01/11/2024 10:20
Event End Date/Time	01/12/2024 03:05
Total Rainfall Accumulation (in)	0.43
Maximum Rainfall Intensity (in/hr)	0.24
Storm Event Duration (hr)	9.0
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.017
Percent Captured (%)	5
Unused Storage Volume (MG)	2.491
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.33
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.33
Overflow Duration (hr)	2.5

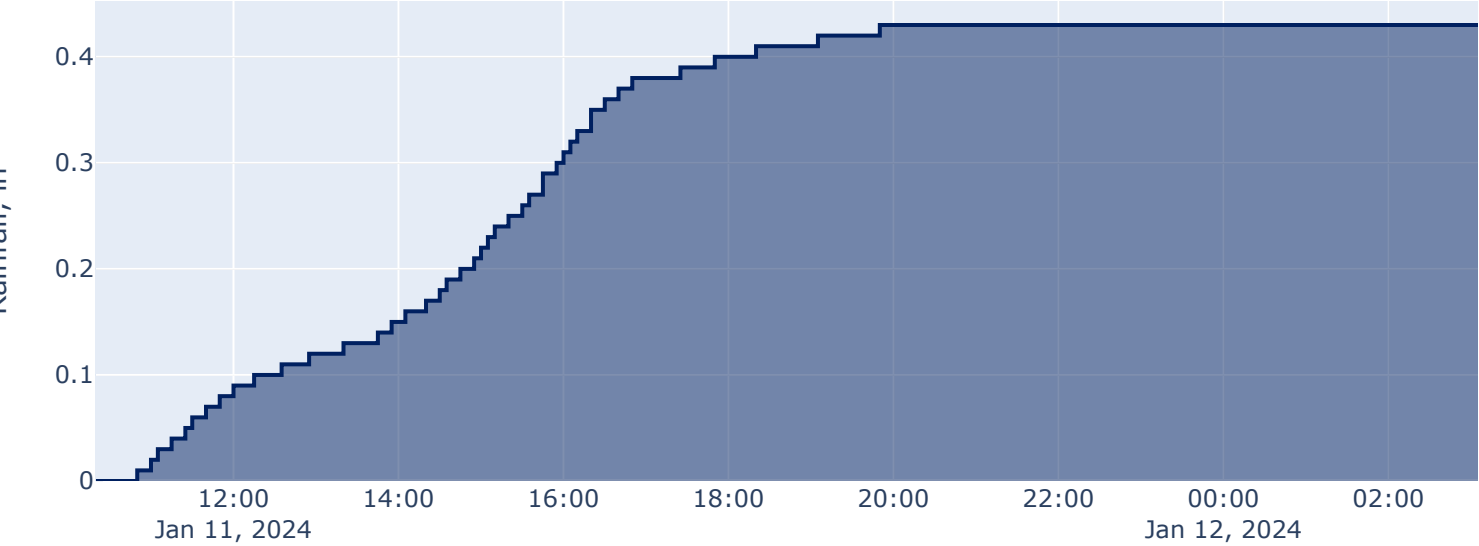


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.99	0.99	N/A	N/A
Site Return to Normal Depth (ft)	0.76	0.76	N/A	N/A
Time Activated	01/11/2024 16:15	01/11/2024 16:15	N/A	N/A
Time Returned to Normal	01/11/2024 21:05	01/11/2024 21:10	N/A	N/A



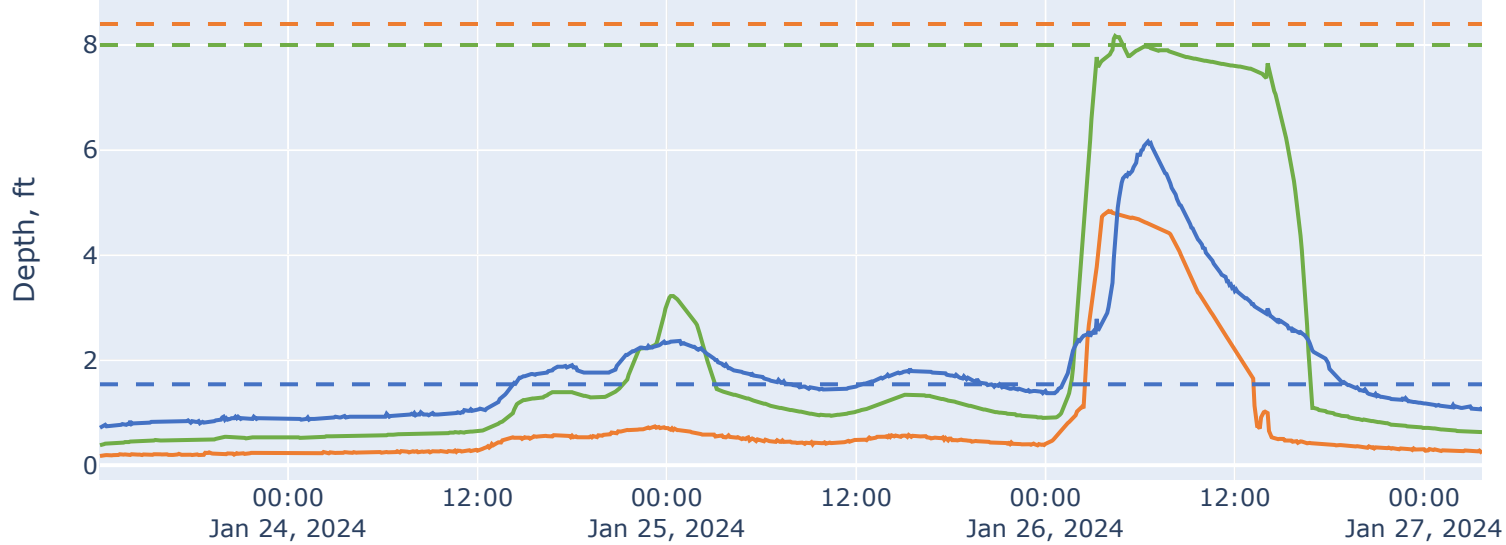
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.67	N/A
Volume Stored (MG)	0.017	0
Unused Storage Volume (MG)	0.838	1.653
RTC Depth at Overflow Start (ft)	0.99	0.58
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



January 23, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

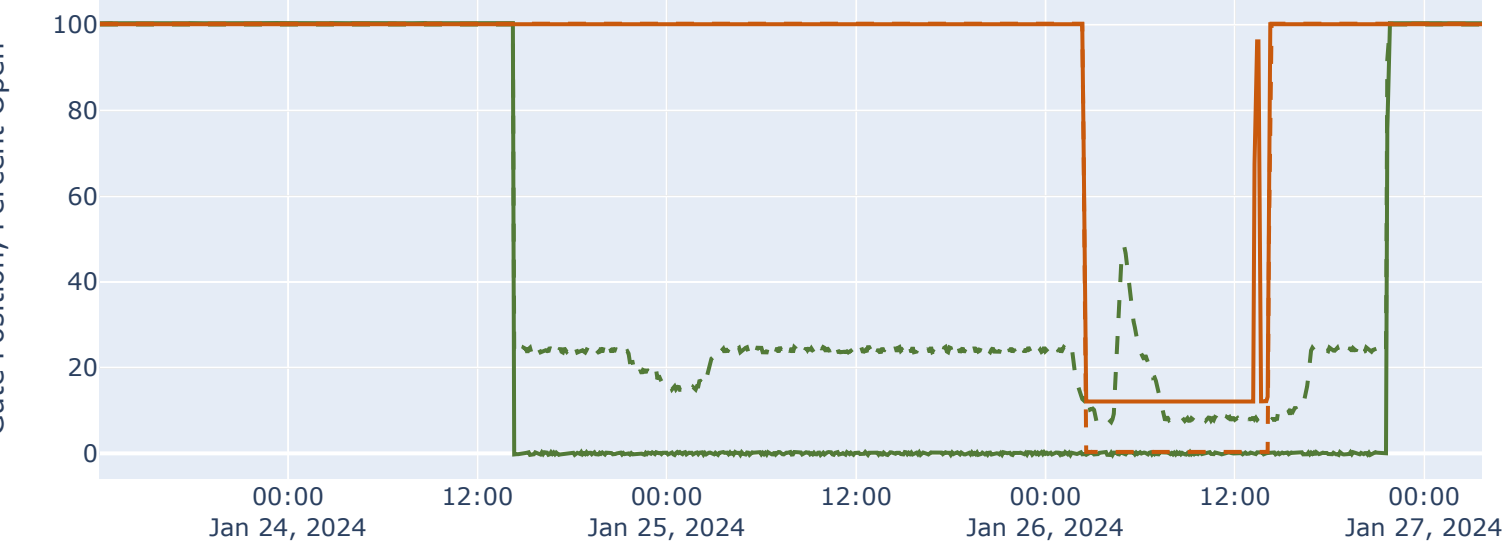
Event Data	Value
Event Start Date/Time	01/23/2024 12:05
Event End Date/Time	01/27/2024 03:40
Total Rainfall Accumulation (in)	0.92
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	34.33
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	1.295
Percent Captured (%)	2
Unused Storage Volume (MG)	0.766
Overflow Before Storage Full	Yes
Storage Utilization (%)	63
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	54.25
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	54.25
Overflow Duration (hr)	4.67

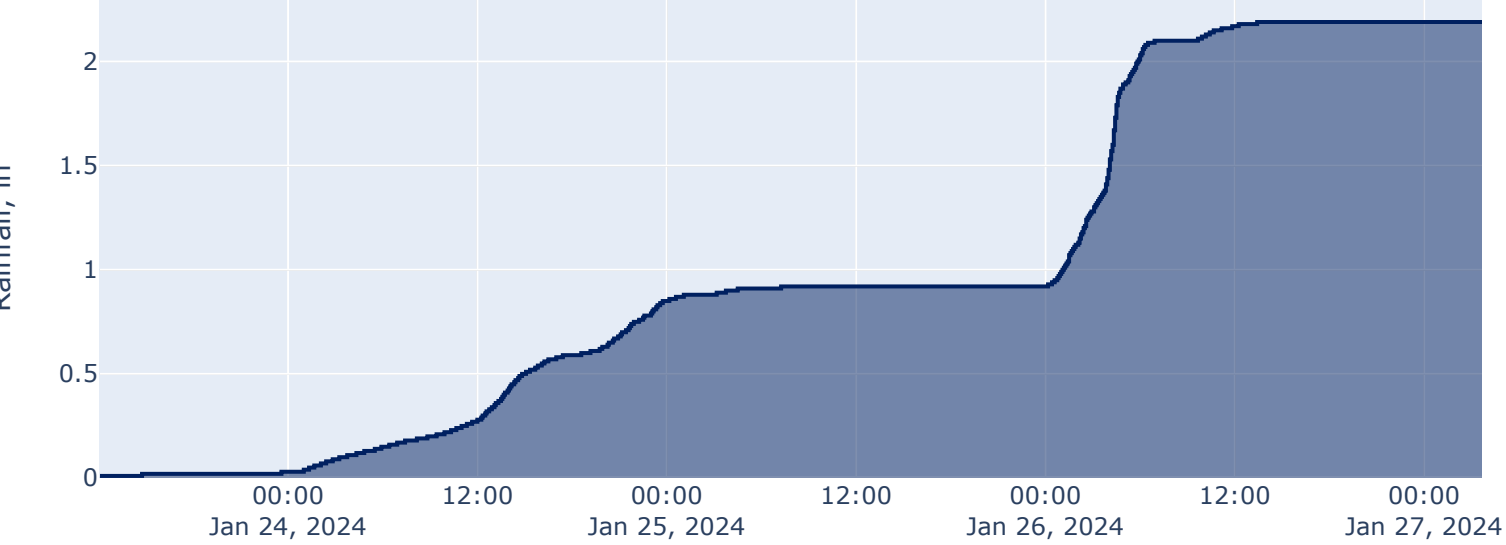


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	3.97	3.97
Site Depth at Activation (ft)	0.99	0.99	1.12	1.12
Site Return to Normal Depth (ft)	0.78	0.78	0.56	0.56
Time Activated	01/24/2024 14:15	01/24/2024 14:15	01/26/2024 02:20	01/26/2024 02:20
Time Returned to Normal	01/26/2024 21:45	01/26/2024 21:45	01/26/2024 14:15	01/26/2024 14:15



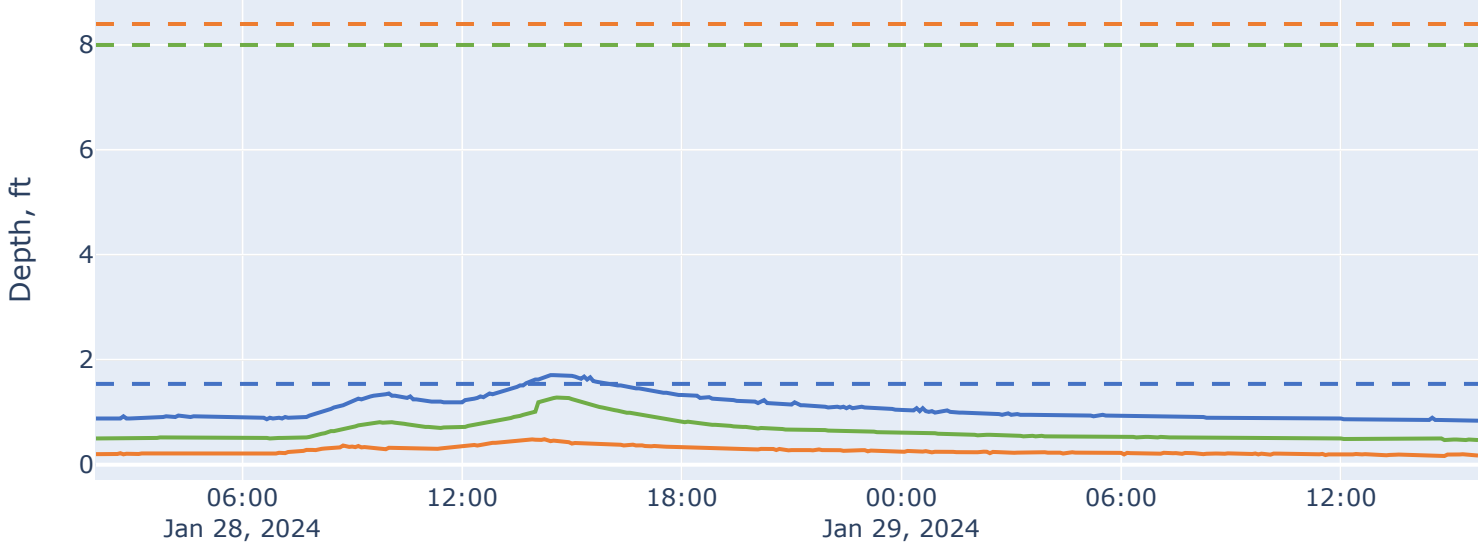
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	8.0	4.84
Volume Stored (MG)	0.855	0.44
Unused Storage Volume (MG)	0.0	0.766
RTC Depth at Overflow Start (ft)	1.06	0.52
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



January 28, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

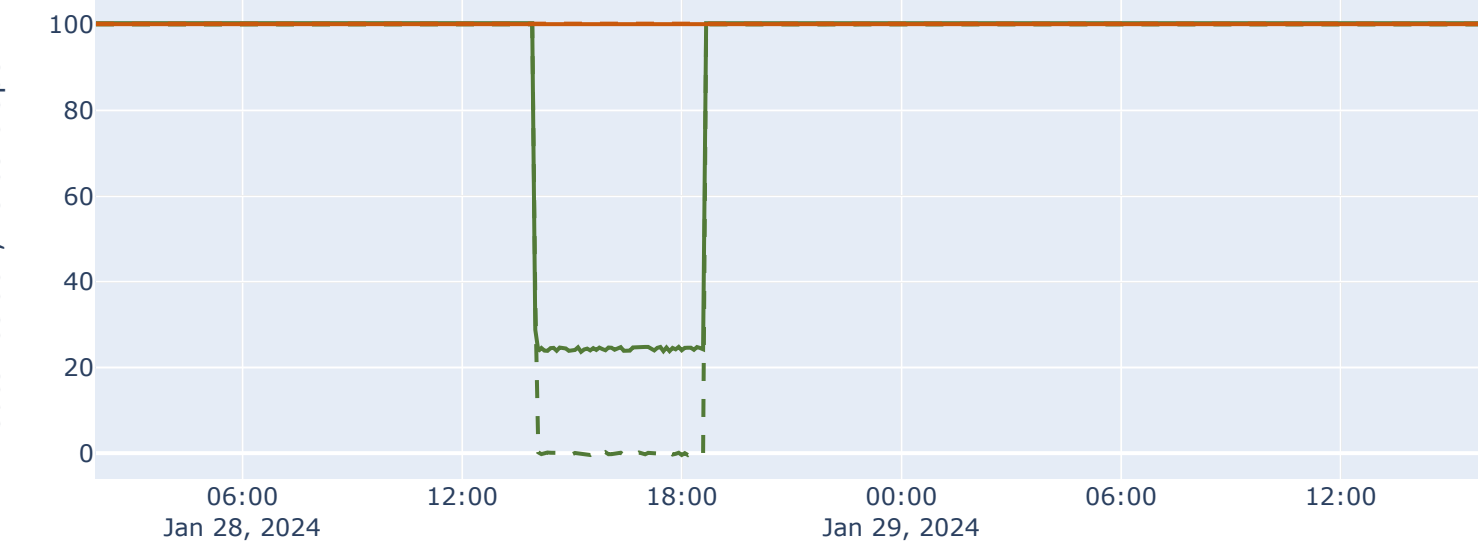
Event Data	Value
Event Start Date/Time	01/28/2024 02:00
Event End Date/Time	01/29/2024 15:45
Total Rainfall Accumulation (in)	0.42
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	37.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.006
Percent Captured (%)	7
Unused Storage Volume (MG)	2.502
Overflow Before Storage Full	Yes
Storage Utilization (%)	0
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.078
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.078
Overflow Duration (hr)	2.08

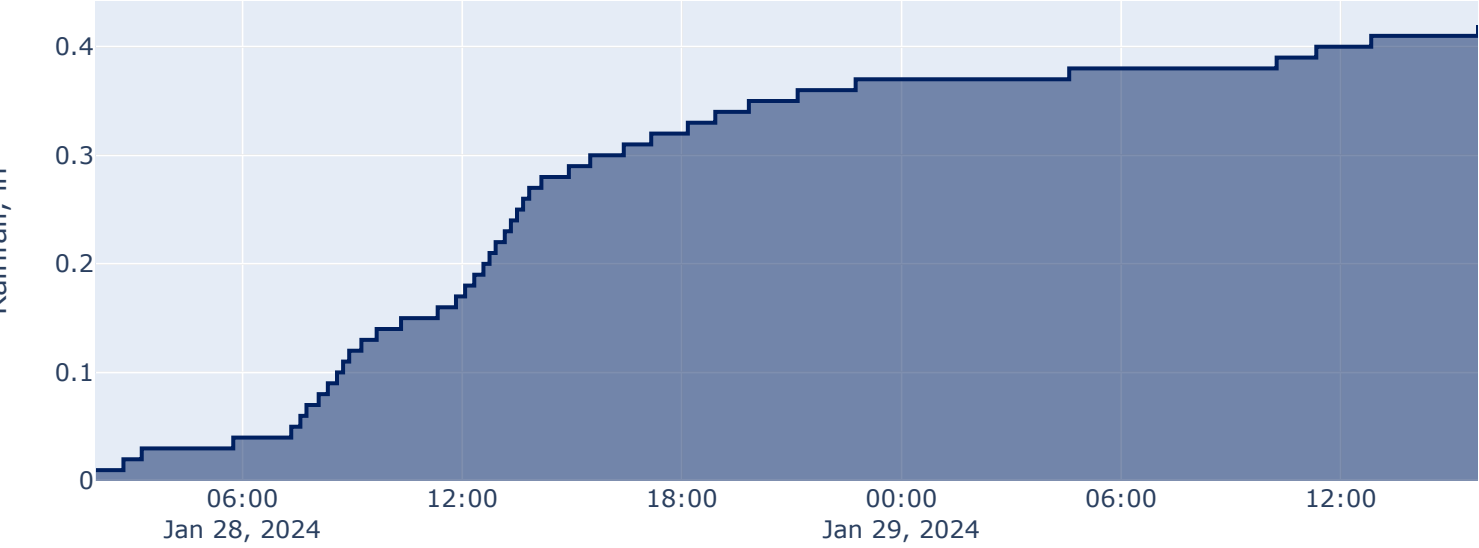


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

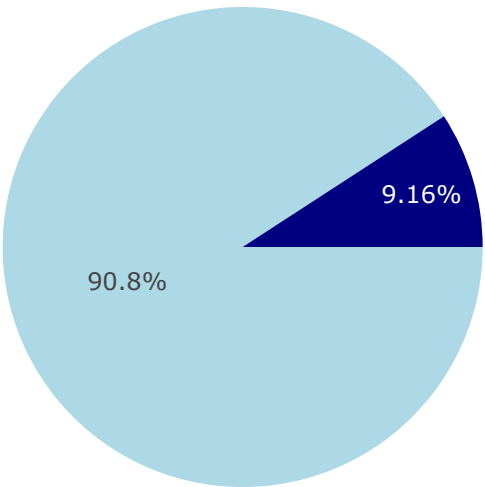
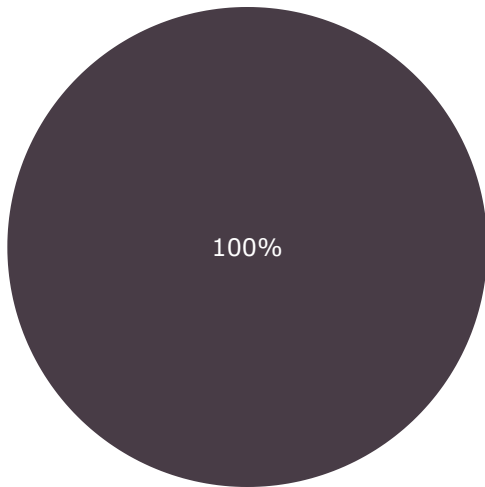
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.99	0.99	N/A	N/A
Site Return to Normal Depth (ft)	0.78	0.78	N/A	N/A
Time Activated	01/28/2024 13:55	01/28/2024 13:55	N/A	N/A
Time Returned to Normal	01/28/2024 18:40	01/28/2024 18:40	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.29	N/A
Volume Stored (MG)	0.006	0
Unused Storage Volume (MG)	0.849	1.653
RTC Depth at Overflow Start (ft)	0.96	0.48
Overflow Before Gate Activation	Yes	Yes
Overflow Before Storage Full	Yes	Yes



Feb2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

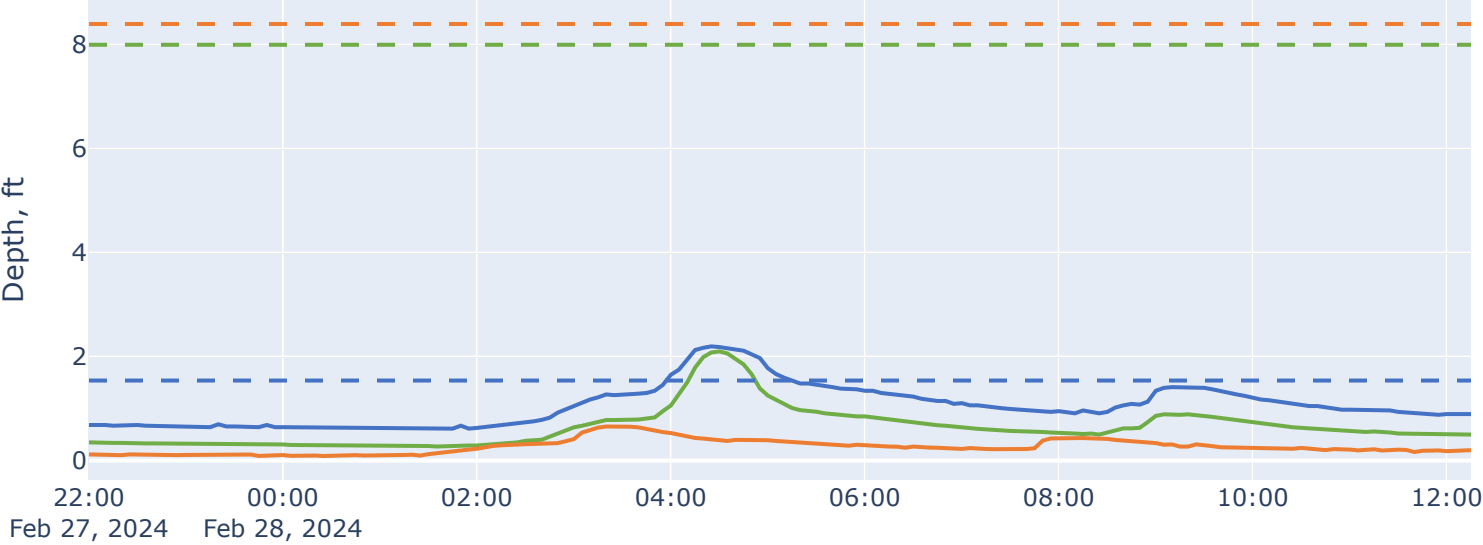
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	1	0.034	0.337	1.09

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
February 27, 2024	0.43	0.337	0.034	9	2.474	1	Good

February 27, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

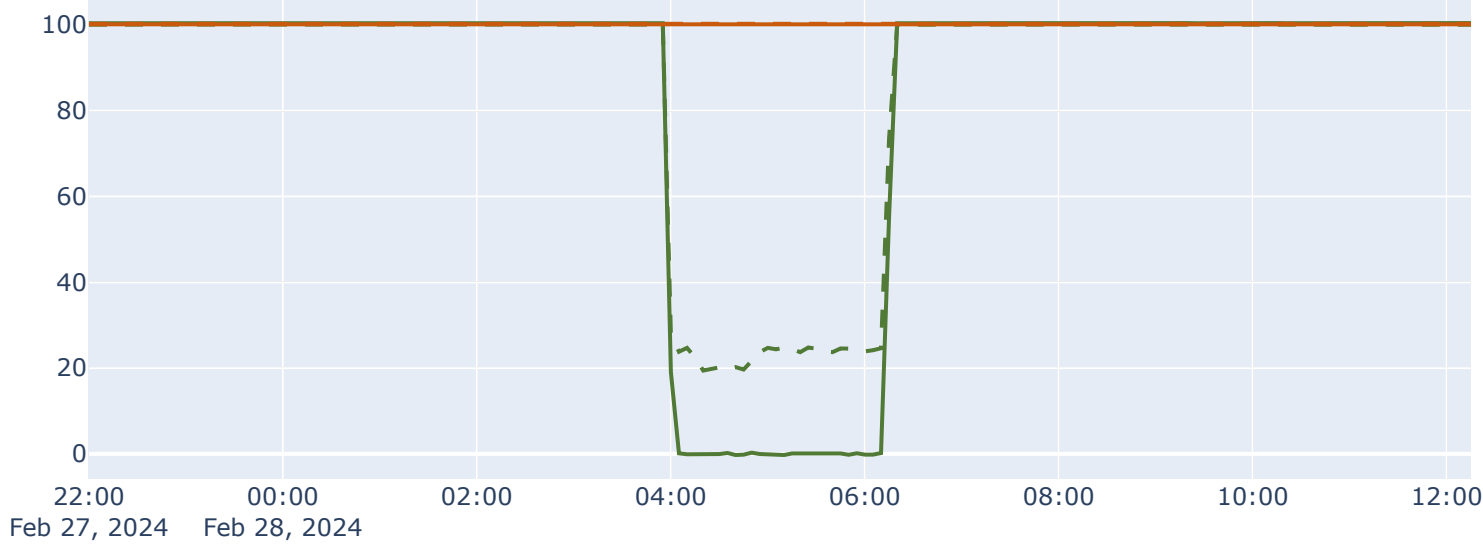
Event Data	Value
Event Start Date/Time	02/27/2024 22:00
Event End Date/Time	02/28/2024 12:15
Total Rainfall Accumulation (in)	0.43
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	6.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.034
Percent Captured (%)	9
Unused Storage Volume (MG)	2.474
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.337
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.337
Overflow Duration (hr)	1.17

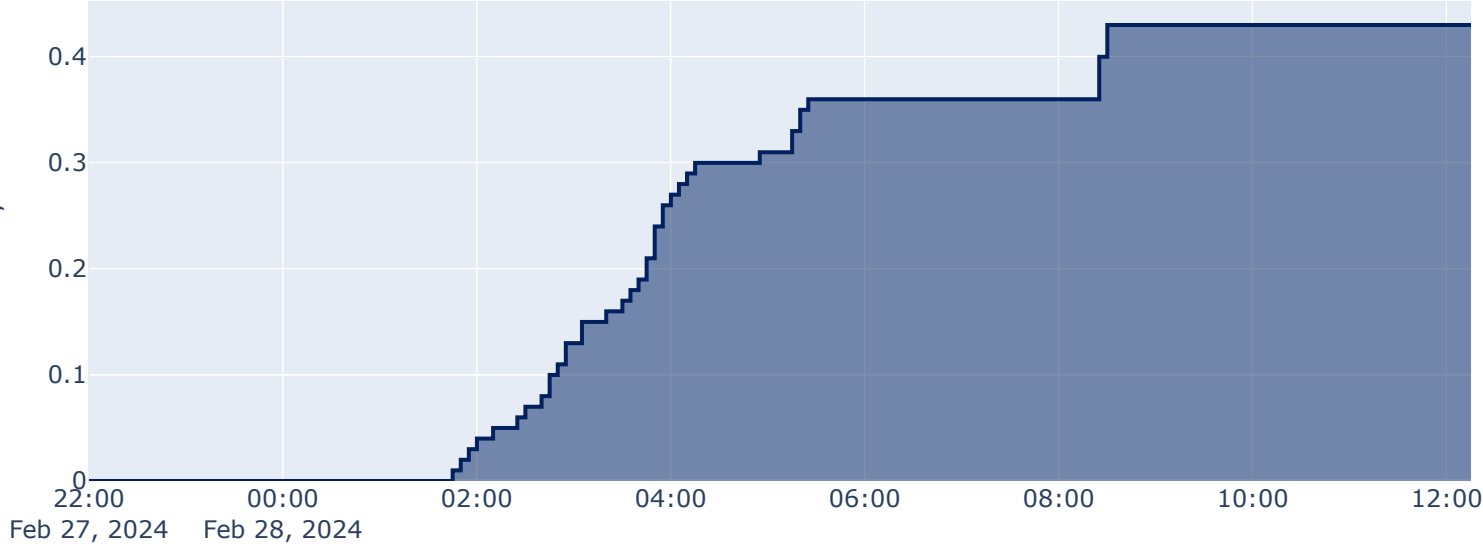


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

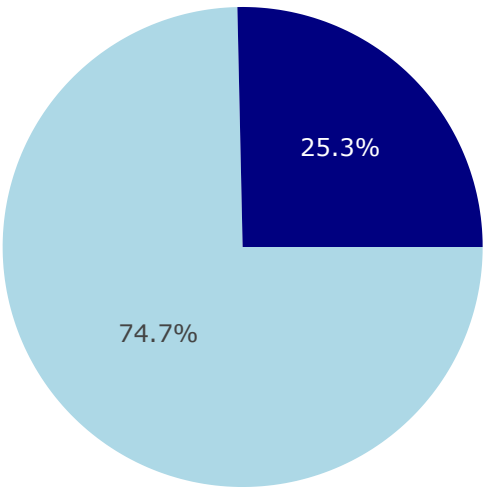
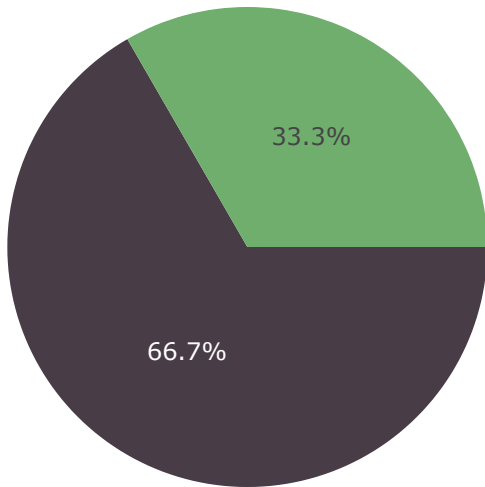
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.95	0.95	N/A	N/A
Site Return to Normal Depth (ft)	0.76	0.76	N/A	N/A
Time Activated	02/28/2024 03:55	02/28/2024 03:55	N/A	N/A
Time Returned to Normal	02/28/2024 06:20	02/28/2024 06:20	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	2.1	N/A
Volume Stored (MG)	0.034	0
Unused Storage Volume (MG)	0.821	1.653
RTC Depth at Overflow Start (ft)	1.06	0.53
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Mar2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

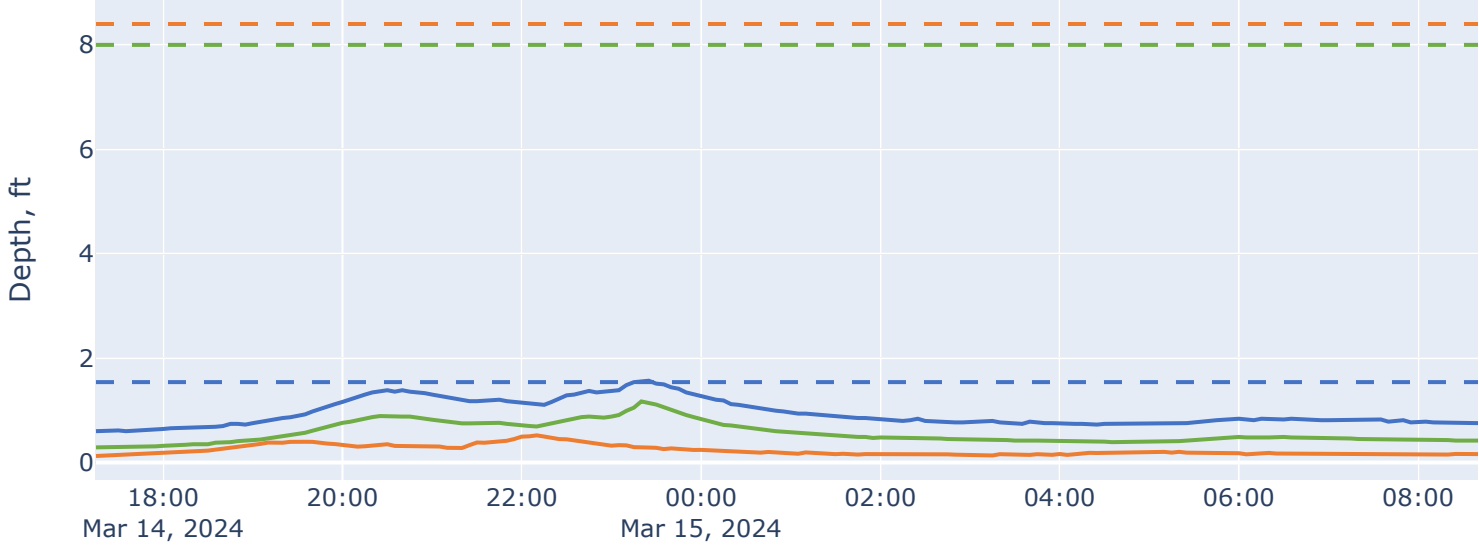
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	2	0.145	0.427	2.01

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
March 14, 2024	0.36	0.0	0.003	100	2.504	0	Good
March 16, 2024	0.36	0.371	0.037	9	2.471	1	Good
March 28, 2024	0.0	0.056	0.105	65	2.409	4	Good

March 14, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

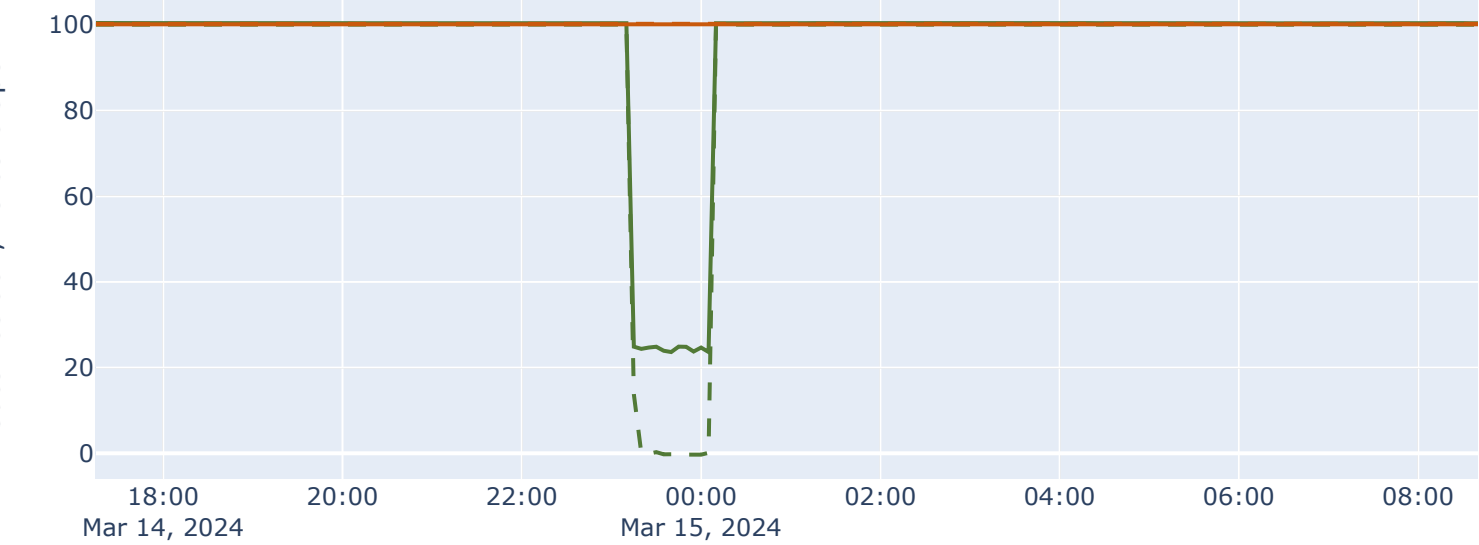
Event Data	Value
Event Start Date/Time	03/14/2024 17:15
Event End Date/Time	03/15/2024 08:40
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	15.17
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.003
Percent Captured (%)	100
Unused Storage Volume (MG)	2.504
Overflow Before Storage Full	Yes
Storage Utilization (%)	0
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	0.0
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0.08

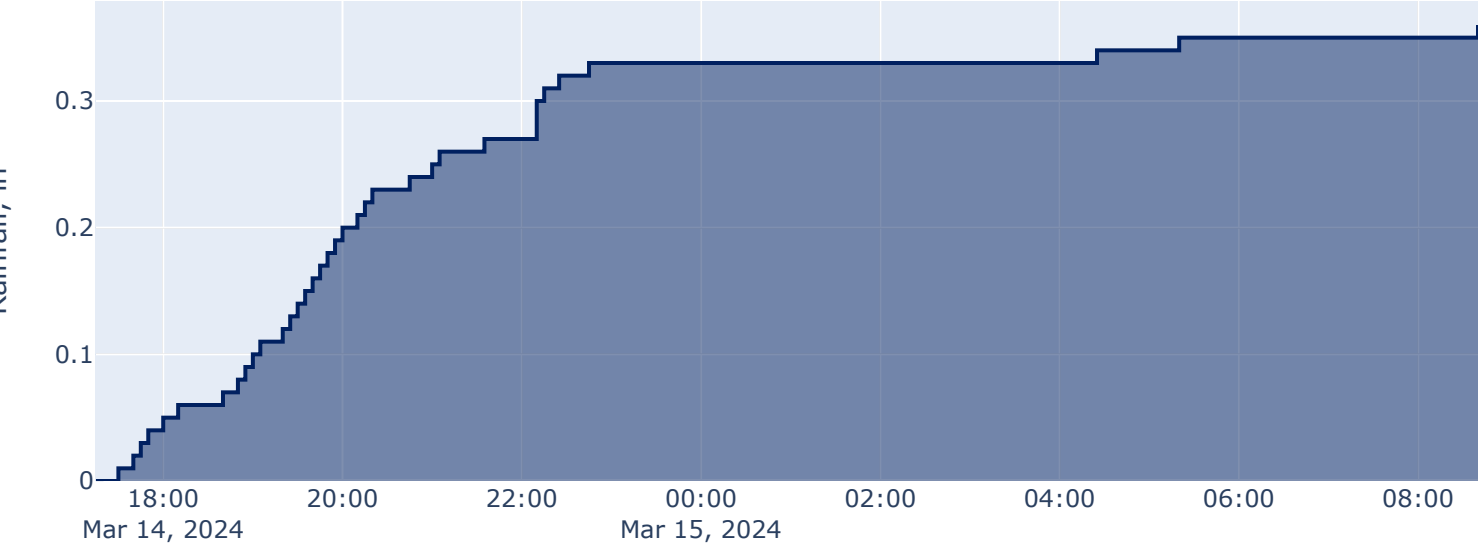


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.99	0.99	N/A	N/A
Site Return to Normal Depth (ft)	0.74	0.74	N/A	N/A
Time Activated	03/14/2024 23:10	03/14/2024 23:10	N/A	N/A
Time Returned to Normal	03/15/2024 00:10	03/15/2024 00:10	N/A	N/A



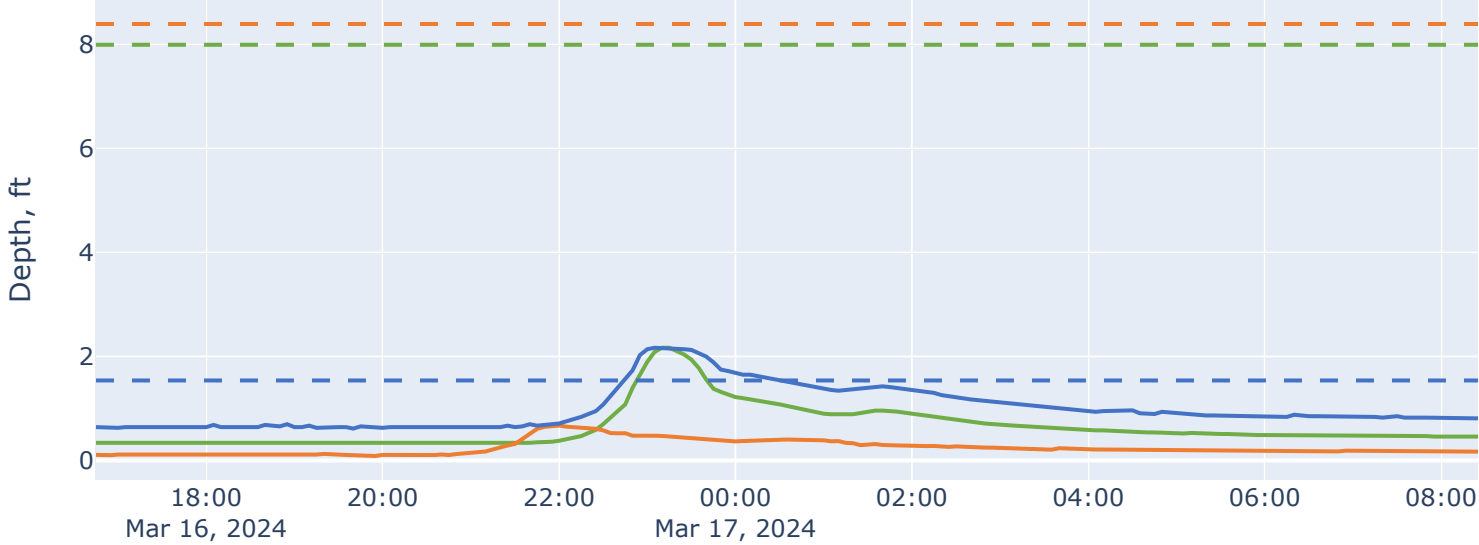
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.17	N/A
Volume Stored (MG)	0.003	0
Unused Storage Volume (MG)	0.851	1.653
RTC Depth at Overflow Start (ft)	1.17	0.3
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



March 16, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

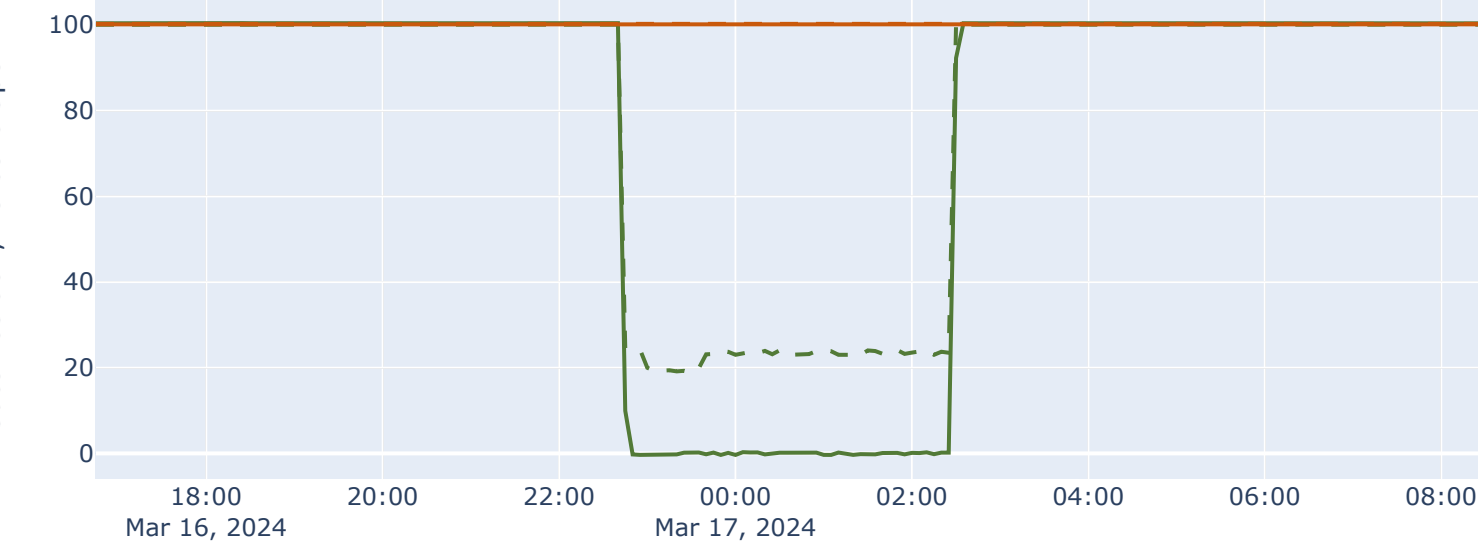
Event Data	Value
Event Start Date/Time	03/16/2024 16:45
Event End Date/Time	03/17/2024 08:25
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	0.36
Storm Event Duration (hr)	8.92
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.037
Percent Captured (%)	9
Unused Storage Volume (MG)	2.471
Overflow Before Storage Full	Yes
Storage Utilization (%)	1
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.371
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.371
Overflow Duration (hr)	1.67

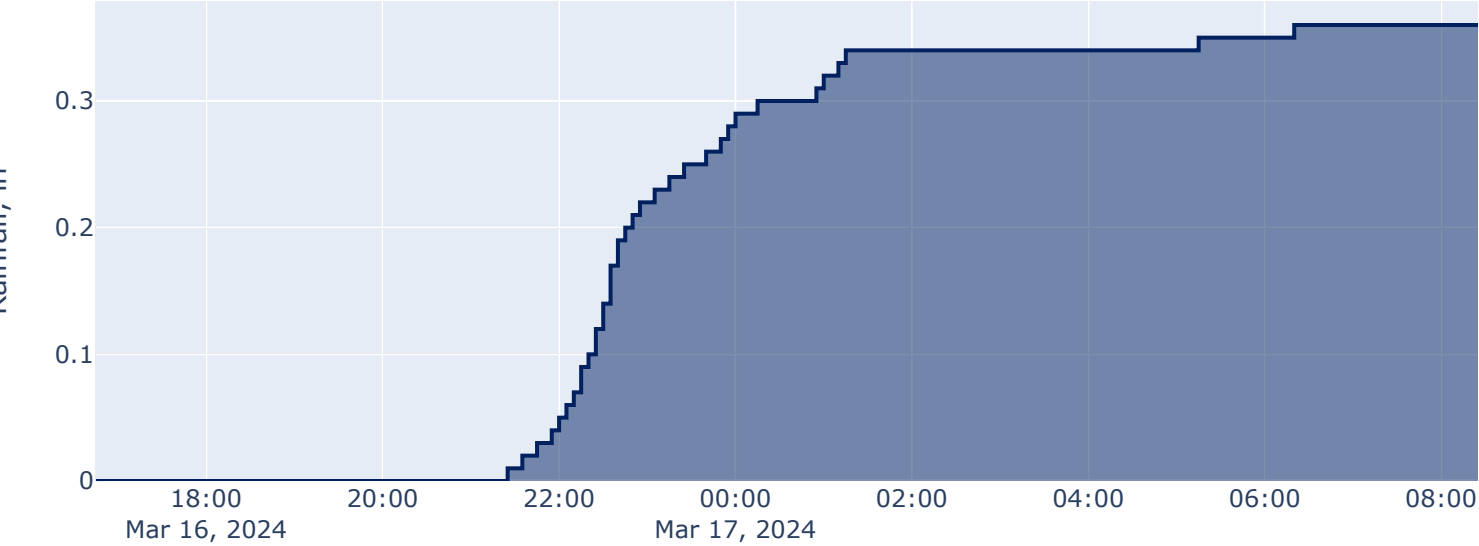


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.96	0.96	N/A	N/A
Site Return to Normal Depth (ft)	0.75	0.77	N/A	N/A
Time Activated	03/16/2024 22:40	03/16/2024 22:40	N/A	N/A
Time Returned to Normal	03/17/2024 02:35	03/17/2024 02:30	N/A	N/A



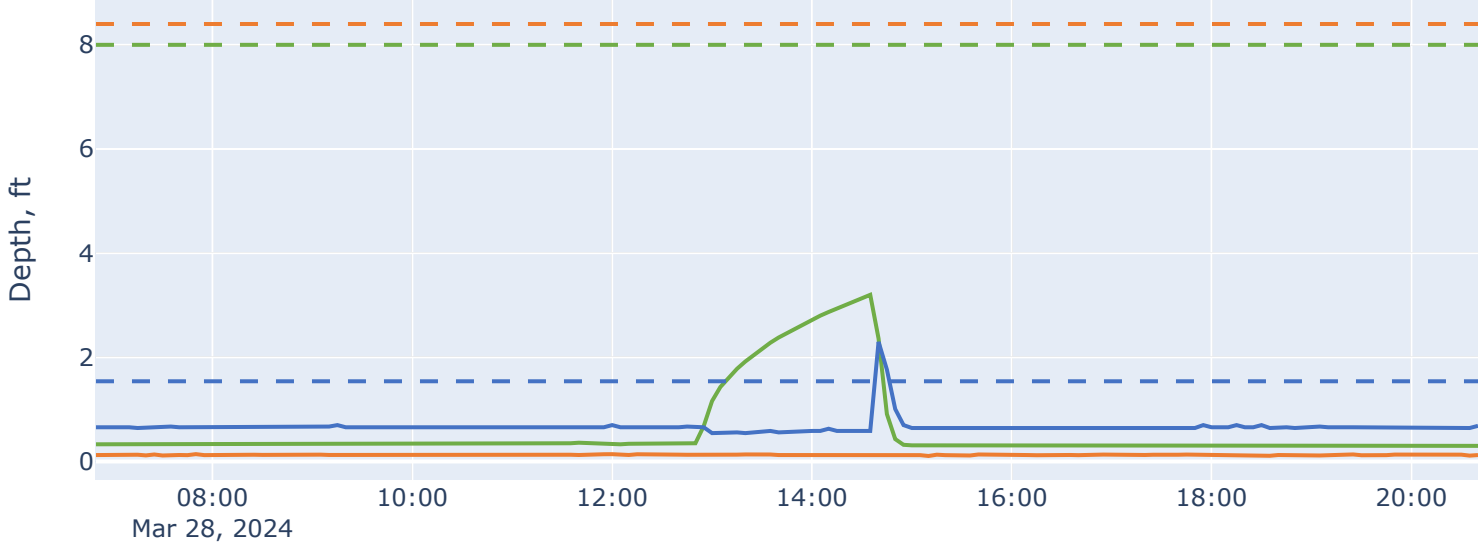
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	2.17	N/A
Volume Stored (MG)	0.037	0
Unused Storage Volume (MG)	0.818	1.653
RTC Depth at Overflow Start (ft)	1.08	0.52
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



March 28, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

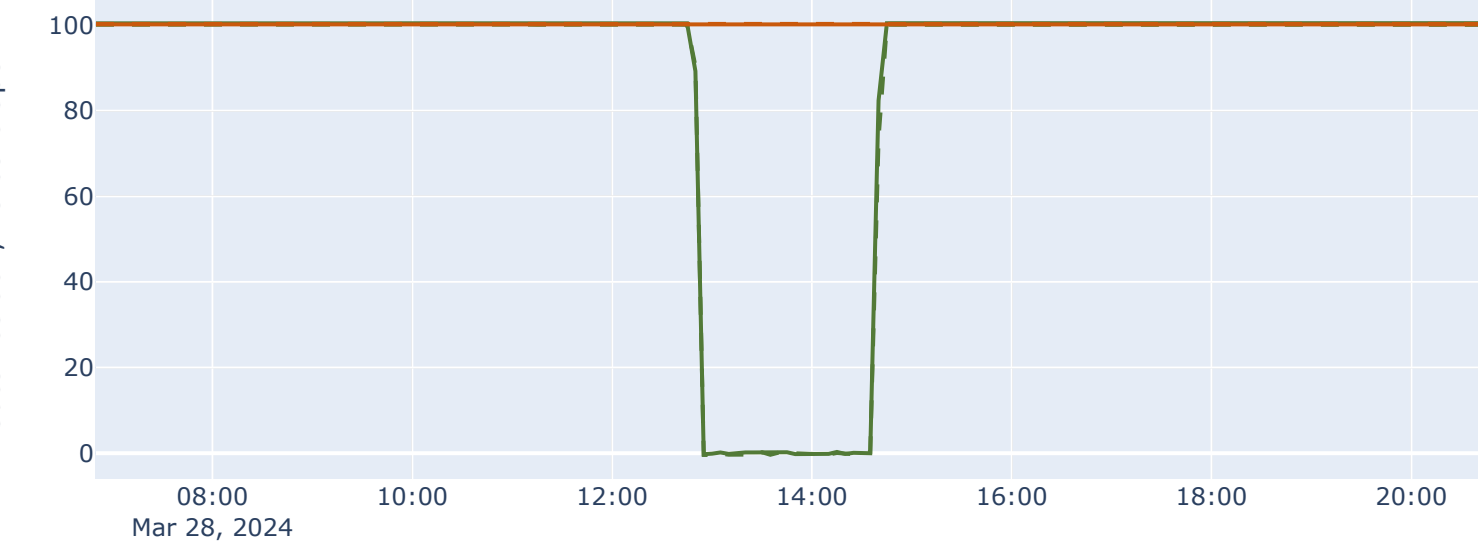
Event Data	Value
Event Start Date/Time	03/28/2024 06:50
Event End Date/Time	03/28/2024 20:40
Total Rainfall Accumulation (in)	0.0
Maximum Rainfall Intensity (in/hr)	N/A
Storm Event Duration (hr)	0.0
Storm Type (NOAA Classification)	N/A
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.105
Percent Captured (%)	65
Unused Storage Volume (MG)	2.409
Overflow Before Storage Full	Yes
Storage Utilization (%)	4
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.056
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.056
Overflow Duration (hr)	0.08

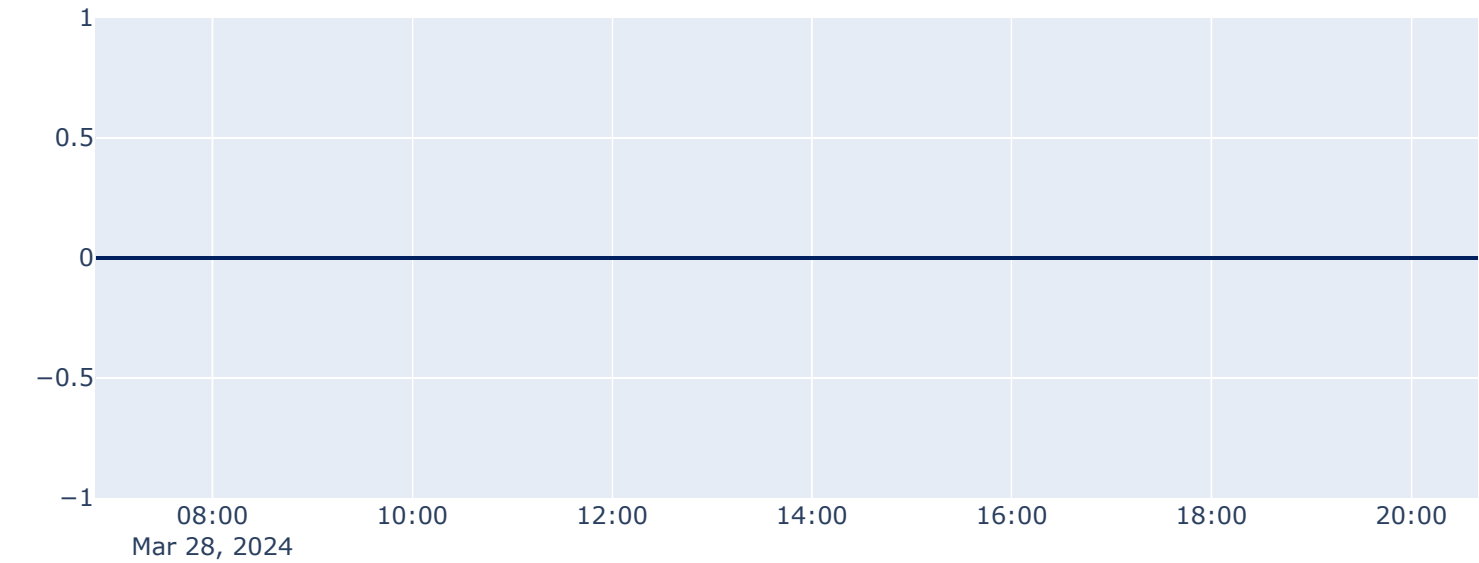


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

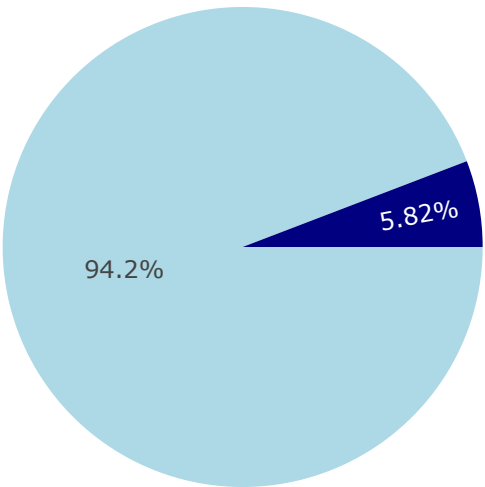
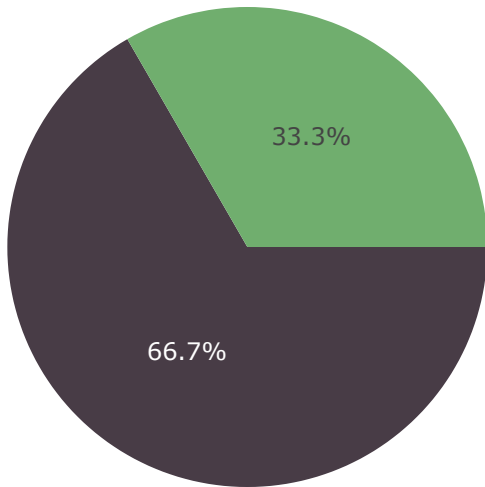
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.35	0.35	N/A	N/A
Site Return to Normal Depth (ft)	0.91	0.91	N/A	N/A
Time Activated	03/28/2024 12:45	03/28/2024 12:45	N/A	N/A
Time Returned to Normal	03/28/2024 14:45	03/28/2024 14:45	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	3.2	N/A
Volume Stored (MG)	0.105	0
Unused Storage Volume (MG)	0.756	1.653
RTC Depth at Overflow Start (ft)	2.36	0.13
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Apr2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- SPP Activation Prevented
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

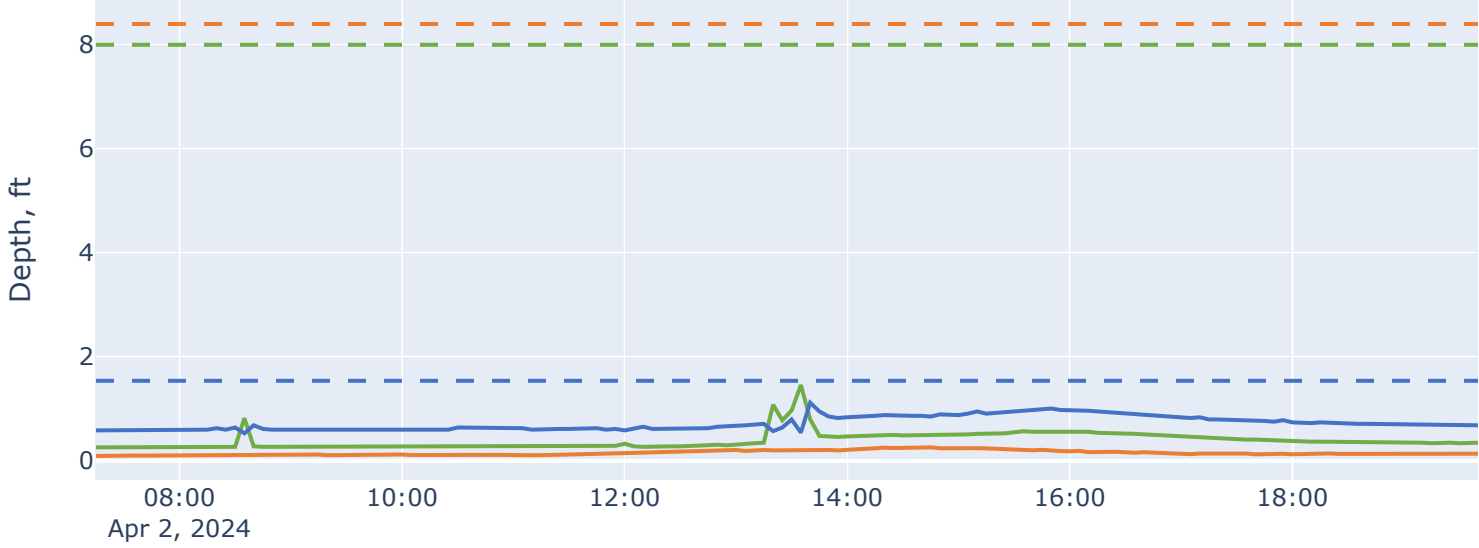
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
1	2	2.284	36.969	5.76

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
April 02, 2024	0.19	0.0	0.017	100	2.497	1	Good
April 03, 2024	1.25	5.969	0.987	14	1.092	47	Good
April 10, 2024	2.89	31.0	1.28	4	0.812	61	Good

April 02, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

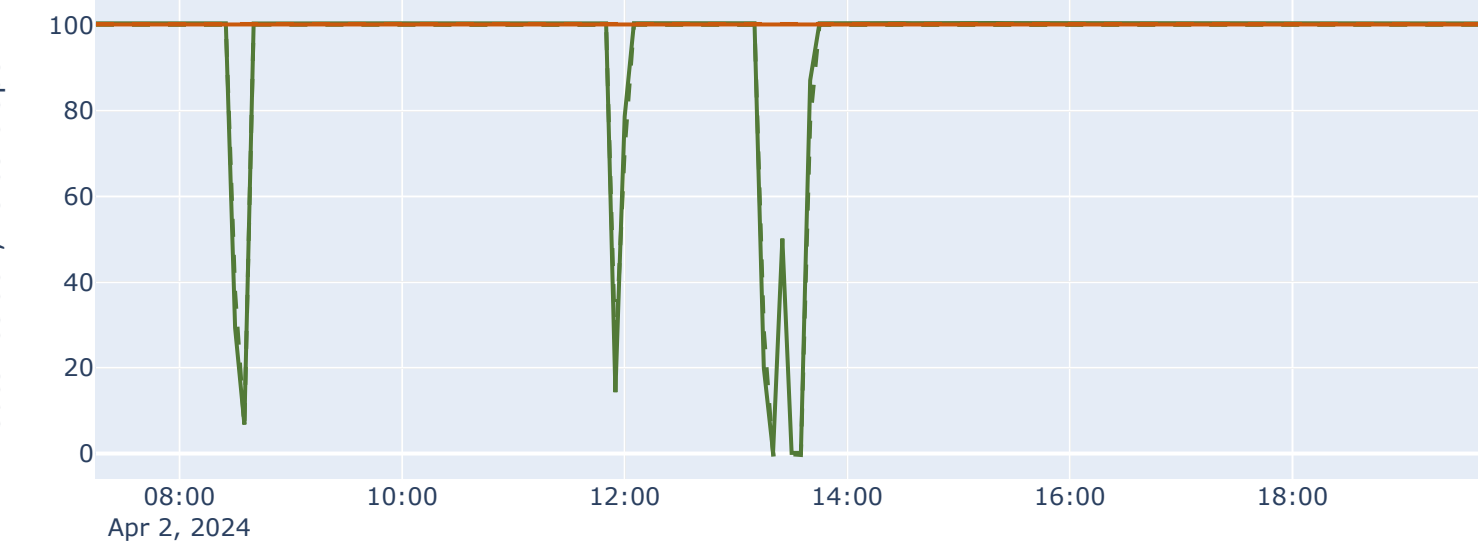
Event Data	Value
Event Start Date/Time	04/02/2024 07:15
Event End Date/Time	04/02/2024 19:40
Total Rainfall Accumulation (in)	0.19
Maximum Rainfall Intensity (in/hr)	0.12
Storm Event Duration (hr)	5.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.017
Percent Captured (%)	100
Unused Storage Volume (MG)	2.497
Overflow Before Storage Full	No
Storage Utilization (%)	1
SPP Activation Prevented	Yes
If no, what is the overflow volume when storage was available upstream? (MG)	N/A
If no, could SPP activation have been prevented?	N/A
Overflow Volume (MG)	0.0
Overflow Duration (hr)	0

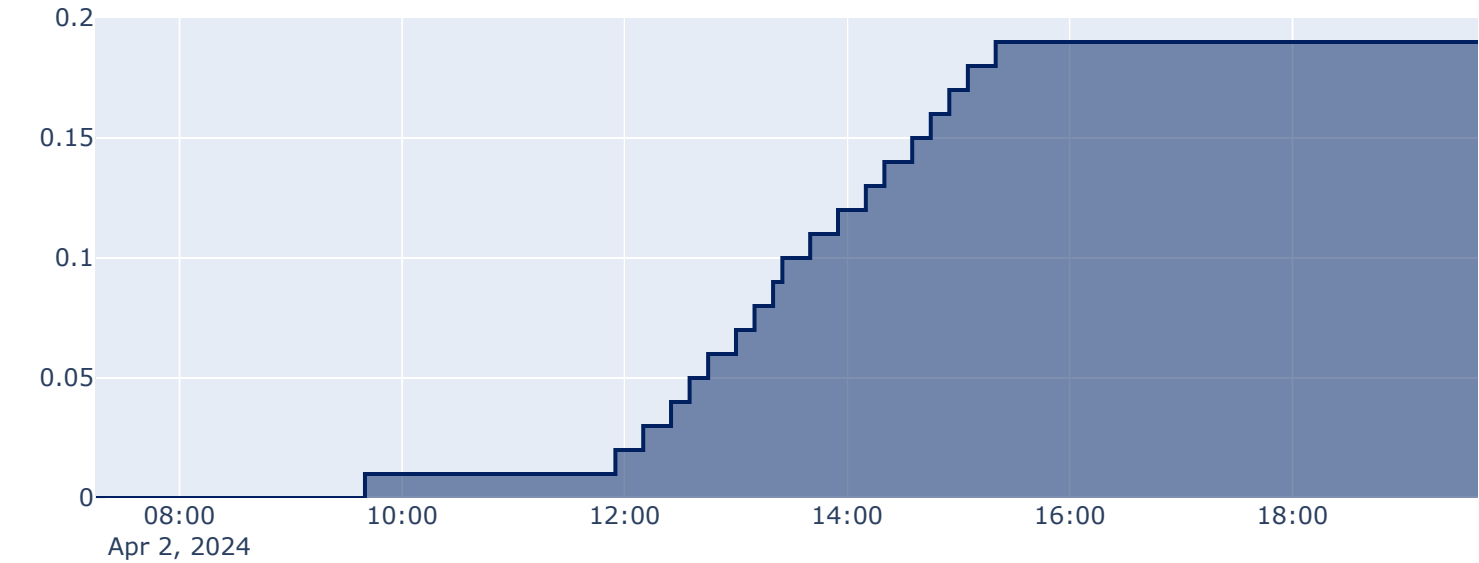


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	0.26	0.26	N/A	N/A
Site Return to Normal Depth (ft)	0.48	0.48	N/A	N/A
Time Activated	04/02/2024 08:25	04/02/2024 08:25	N/A	N/A
Time Returned to Normal	04/02/2024 13:45	04/02/2024 13:45	N/A	N/A



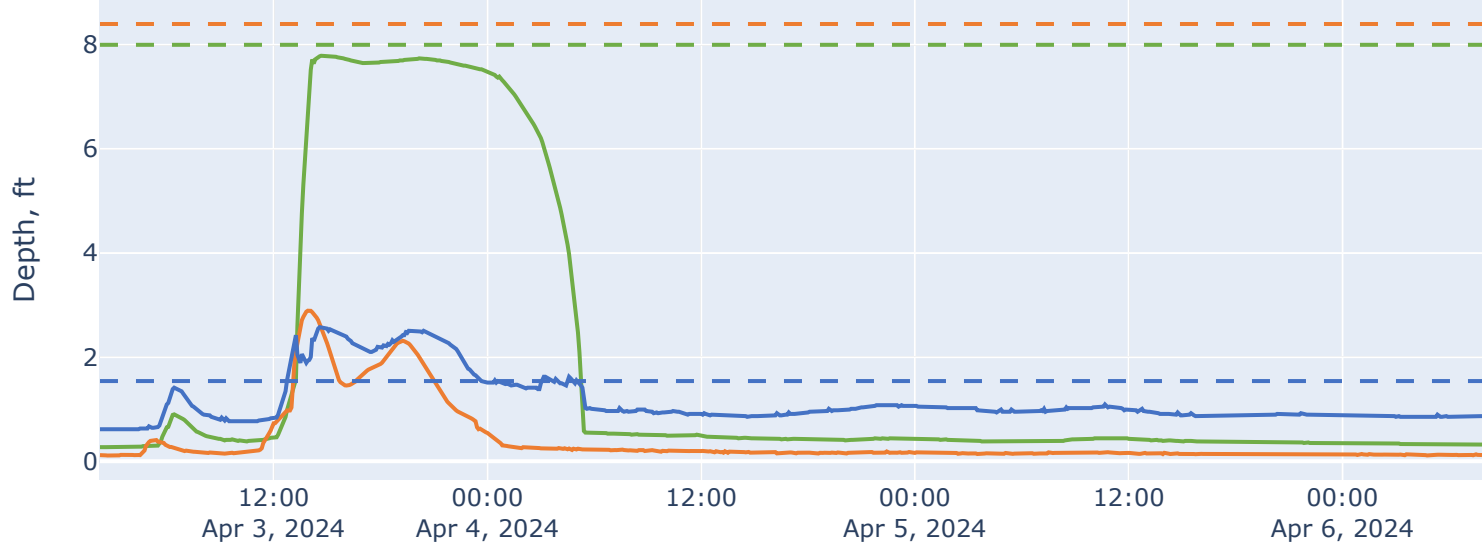
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	1.46	N/A
Volume Stored (MG)	0.017	0
Unused Storage Volume (MG)	0.844	1.653
RTC Depth at Overflow Start (ft)	N/A	N/A
Overflow Before Gate Activation	N/A	N/A
Overflow Before Storage Full	No	No



April 03, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

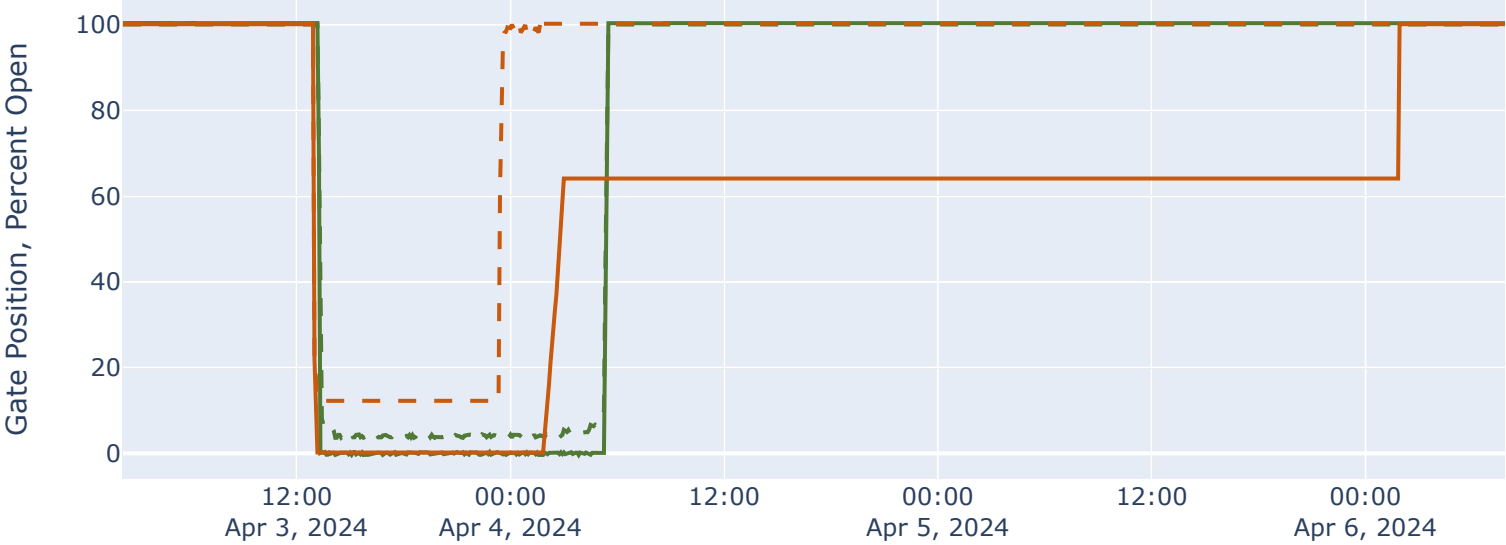
Event Data	Value
Event Start Date/Time	04/03/2024 02:15
Event End Date/Time	04/06/2024 07:50
Total Rainfall Accumulation (in)	1.25
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	35.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.987
Percent Captured (%)	14
Unused Storage Volume (MG)	1.092
Overflow Before Storage Full	Yes
Storage Utilization (%)	47
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	5.969
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	5.969
Overflow Duration (hr)	16.25

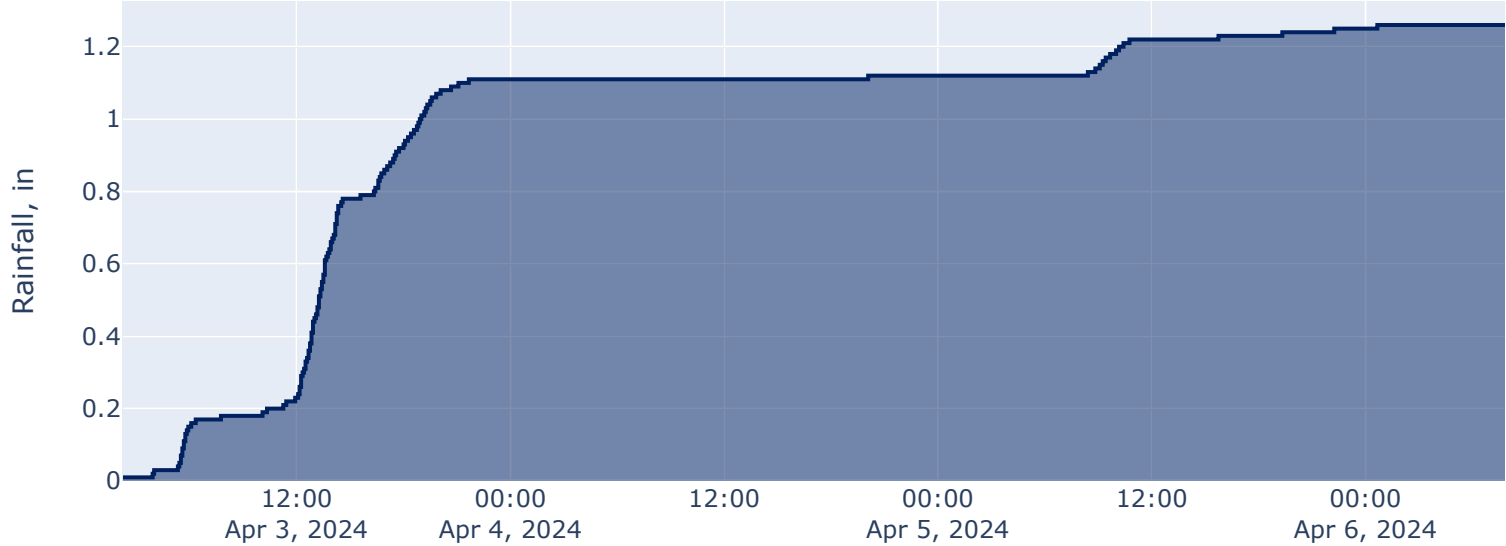


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	1.19	1.19
Site Depth at Activation (ft)	1.5	1.5	0.97	0.28
Site Return to Normal Depth (ft)	0.58	0.58	0.13	0.26
Time Activated	04/03/2024 13:10	04/03/2024 13:10	04/03/2024 12:55	04/03/2024 12:55
Time Returned to Normal	04/04/2024 05:25	04/04/2024 05:25	04/06/2024 01:55	04/04/2024 01:50



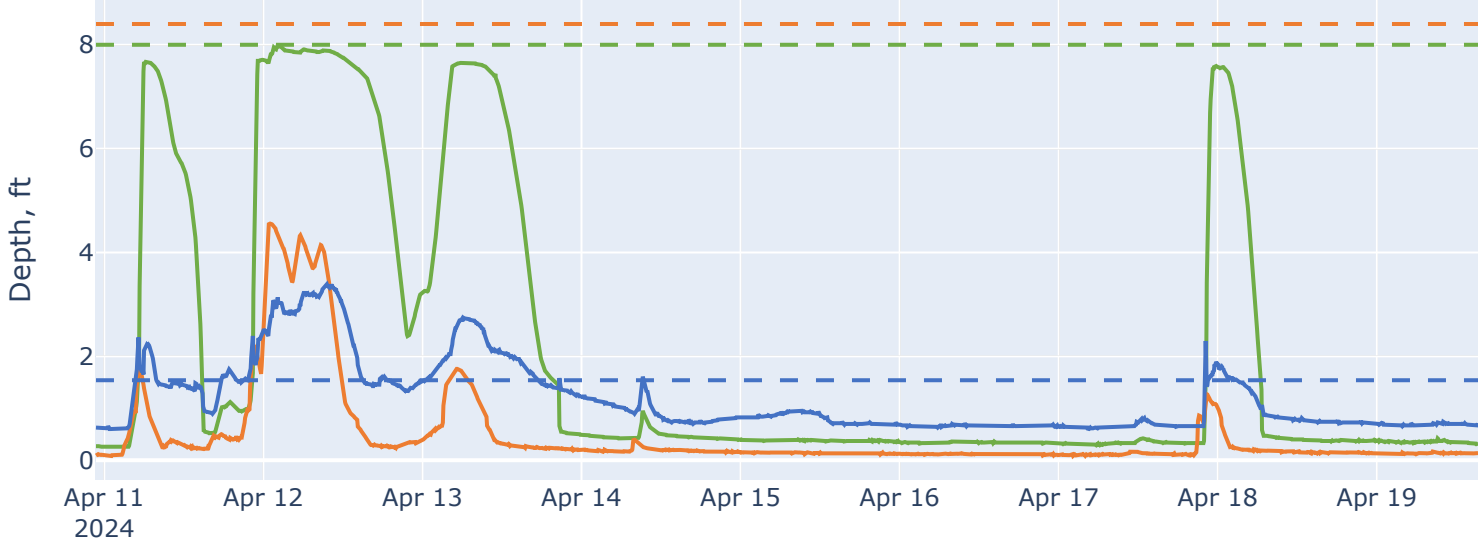
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.79	2.9
Volume Stored (MG)	0.792	0.195
Unused Storage Volume (MG)	0.051	1.041
RTC Depth at Overflow Start (ft)	0.98	0.98
Overflow Before Gate Activation	Yes	Yes
Overflow Before Storage Full	Yes	Yes



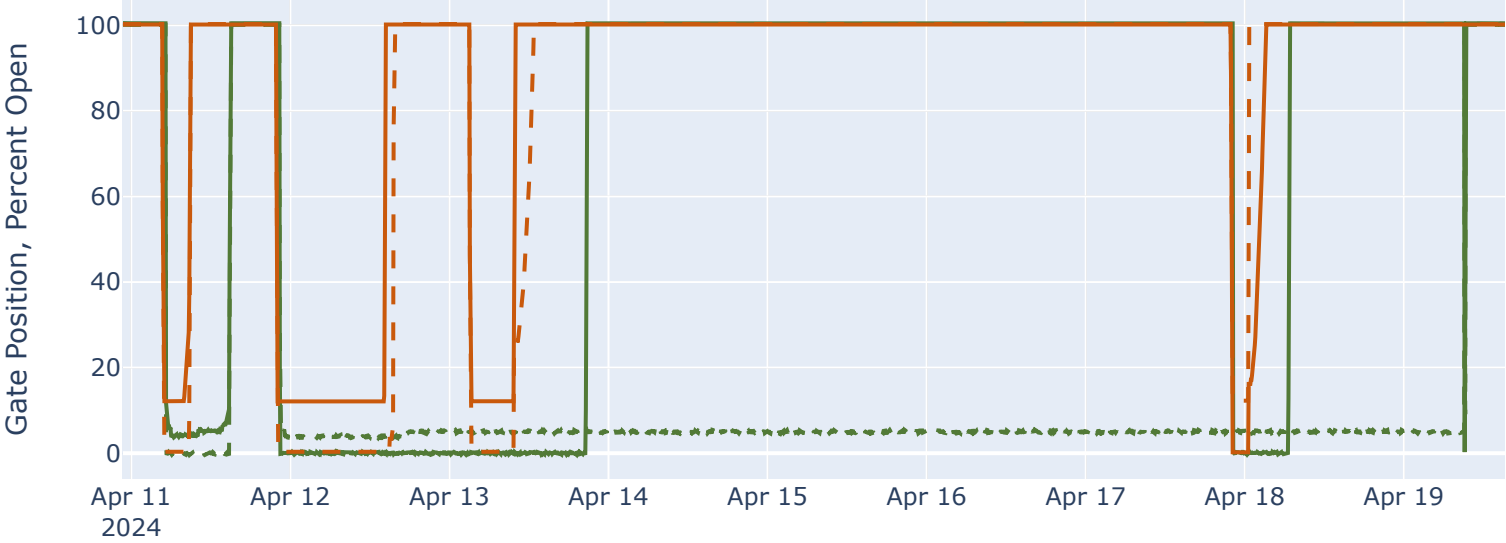
April 10, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	04/10/2024 22:45
Event End Date/Time	04/19/2024 15:15
Total Rainfall Accumulation (in)	2.89
Maximum Rainfall Intensity (in/hr)	0.96
Storm Event Duration (hr)	43.83
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Good
Data Issues	N/A

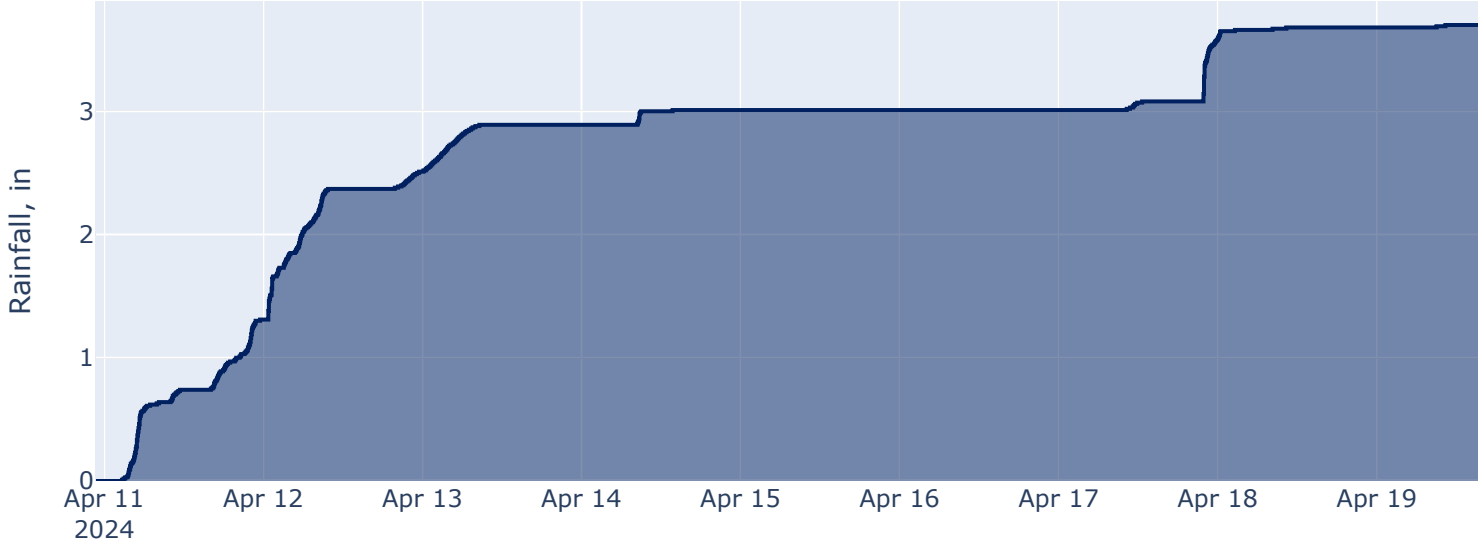
Overflow Data	Value
Overflow Volume Prevented (MG)	1.28
Percent Captured (%)	4
Unused Storage Volume (MG)	0.812
Overflow Before Storage Full	Yes
Storage Utilization (%)	61
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	31.0
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	31.0
Overflow Duration (hr)	21.92



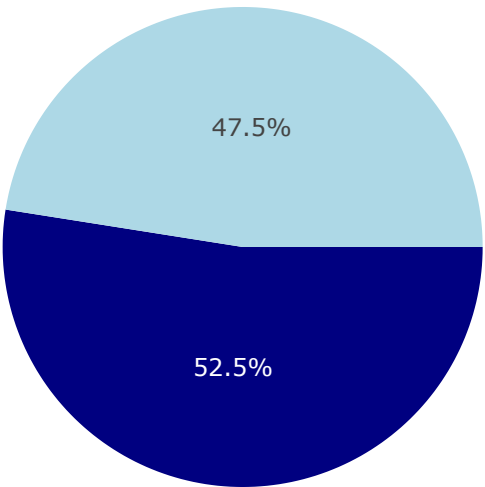
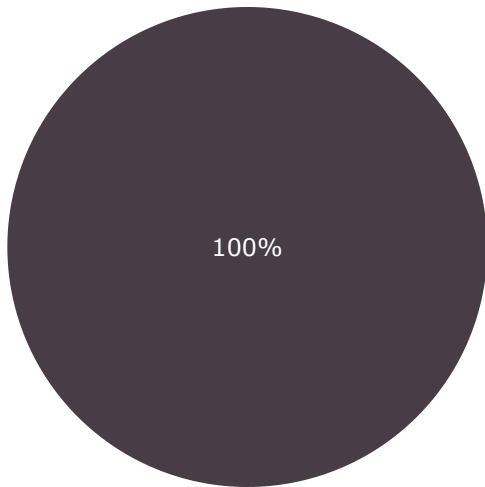
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	0.92	0.92
Site Depth at Activation (ft)	0.38	0.42	0.7	0.7
Site Return to Normal Depth (ft)	0.41	0.37	0.21	0.61
Time Activated	04/11/2024 05:10	04/11/2024 05:10	04/11/2024 04:40	04/11/2024 04:40
Time Returned to Normal	04/19/2024 09:15	04/19/2024 09:20	04/18/2024 03:05	04/18/2024 00:40



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.99	4.57
Volume Stored (MG)	0.858	0.422
Unused Storage Volume (MG)	0.002	0.81
RTC Depth at Overflow Start (ft)	1.04	1.32
Overflow Before Gate Activation	Yes	No
Overflow Before Storage Full	Yes	Yes



May2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Prevented SPP Overflow Volume
- Occurred SPP Overflow Volume

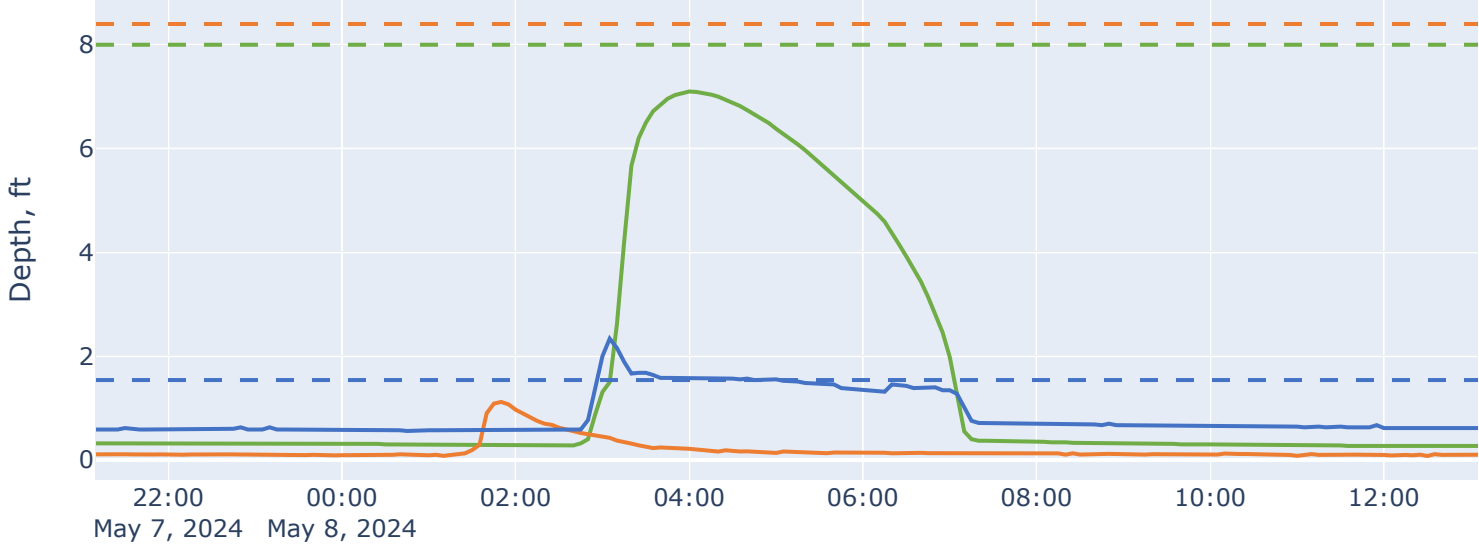
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	2	1.074	0.972	2.93

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
May 07, 2024	0.36	0.148	0.637	81	1.859	26	Good
May 28, 2024	0.65	0.824	0.437	35	2.07	17	Good

May 07, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

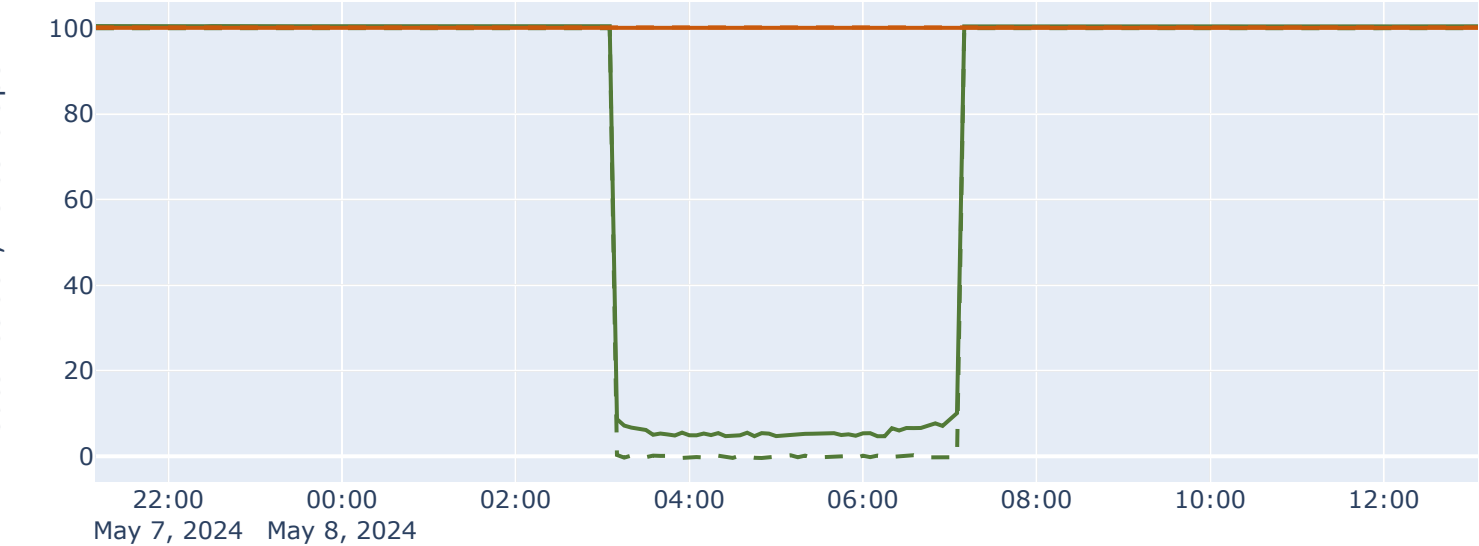
Event Data	Value
Event Start Date/Time	05/07/2024 21:10
Event End Date/Time	05/08/2024 13:05
Total Rainfall Accumulation (in)	0.36
Maximum Rainfall Intensity (in/hr)	1.44
Storm Event Duration (hr)	0.67
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.637
Percent Captured (%)	81
Unused Storage Volume (MG)	1.859
Overflow Before Storage Full	Yes
Storage Utilization (%)	26
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.148
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.148
Overflow Duration (hr)	2.0

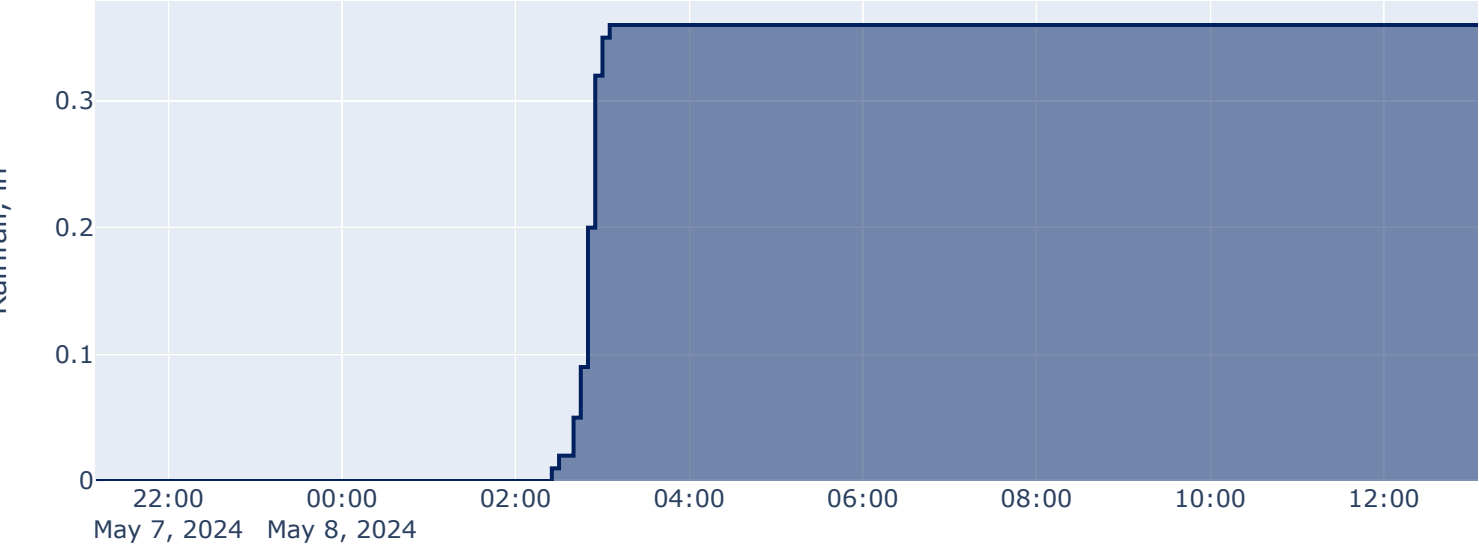


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.5	1.5	N/A	N/A
Site Return to Normal Depth (ft)	0.55	0.55	N/A	N/A
Time Activated	05/08/2024 03:05	05/08/2024 03:05	N/A	N/A
Time Returned to Normal	05/08/2024 07:10	05/08/2024 07:10	N/A	N/A



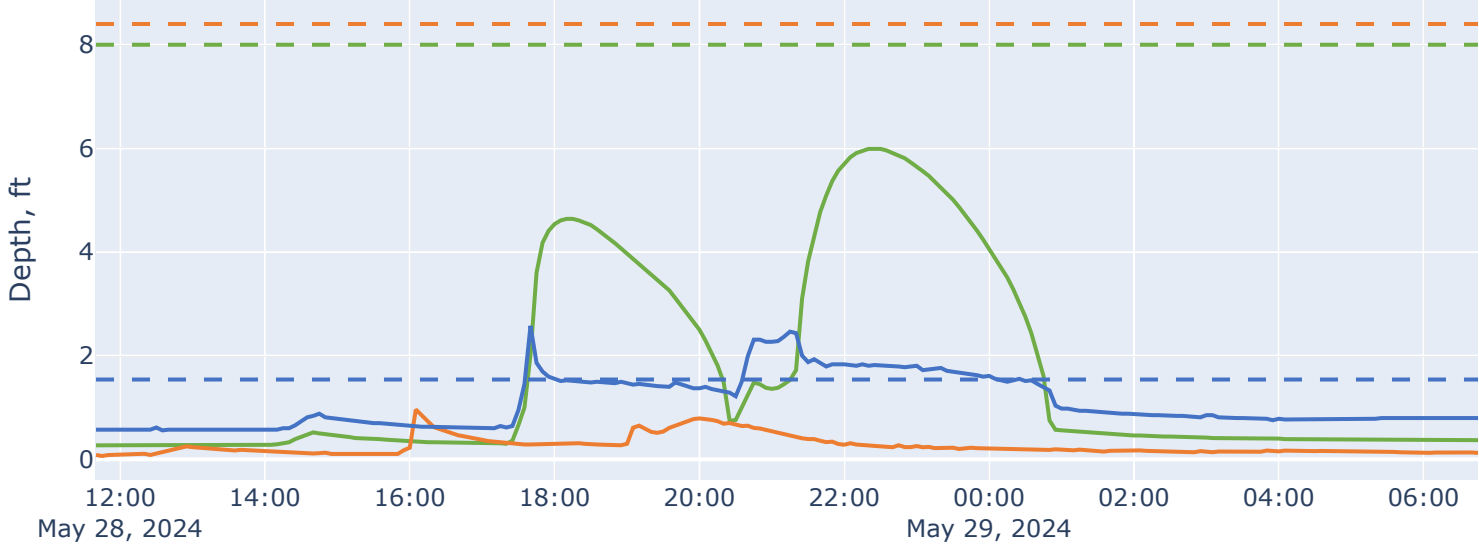
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.1	N/A
Volume Stored (MG)	0.637	0
Unused Storage Volume (MG)	0.206	1.653
RTC Depth at Overflow Start (ft)	1.31	0.46
Overflow Before Gate Activation	Yes	Yes
Overflow Before Storage Full	Yes	Yes



May 28, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

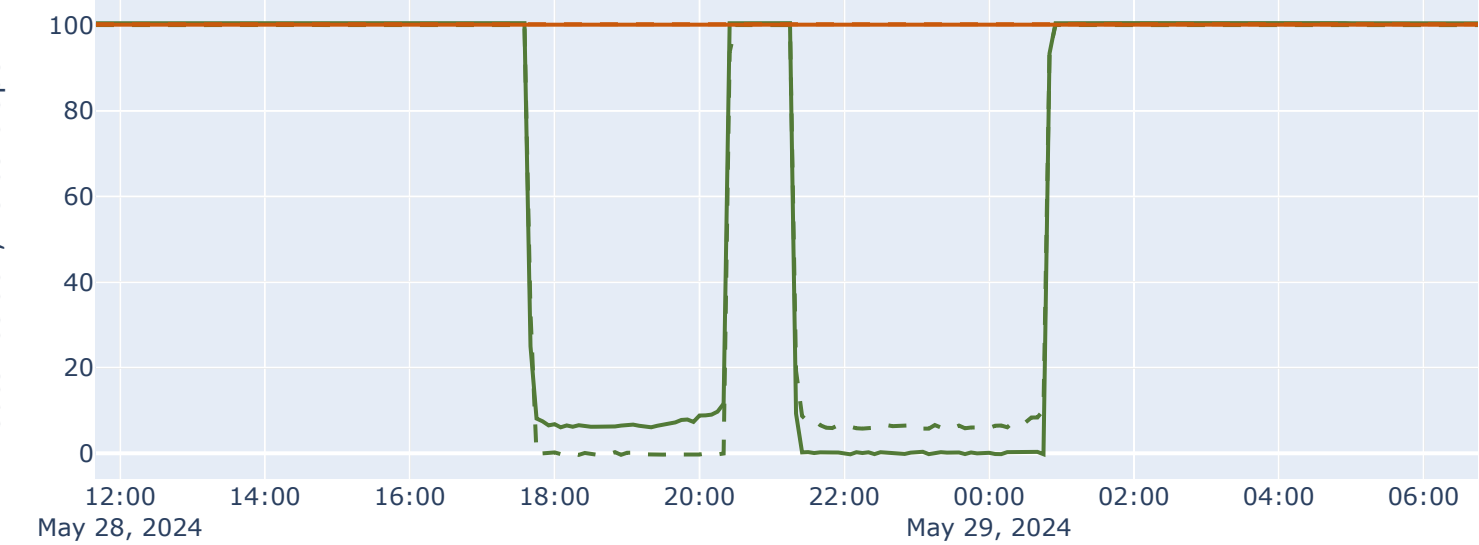
Event Data	Value
Event Start Date/Time	05/28/2024 11:40
Event End Date/Time	05/29/2024 06:45
Total Rainfall Accumulation (in)	0.65
Maximum Rainfall Intensity (in/hr)	0.48
Storm Event Duration (hr)	11.08
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.437
Percent Captured (%)	35
Unused Storage Volume (MG)	2.07
Overflow Before Storage Full	Yes
Storage Utilization (%)	17
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.824
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.824
Overflow Duration (hr)	6.75

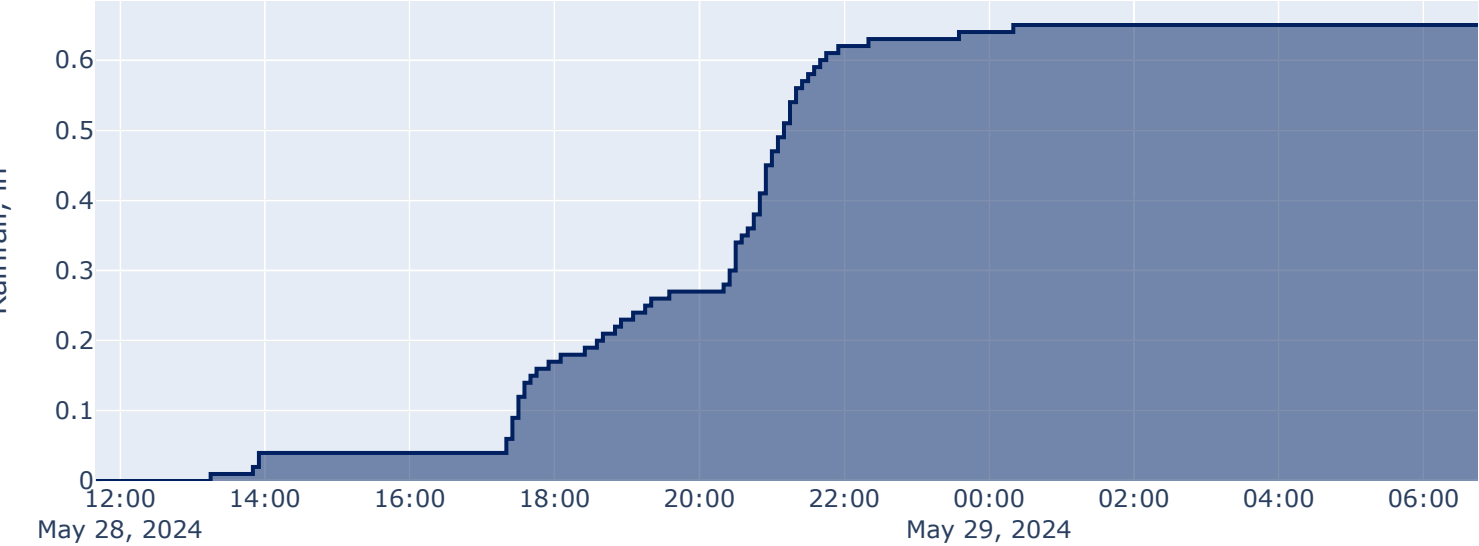


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

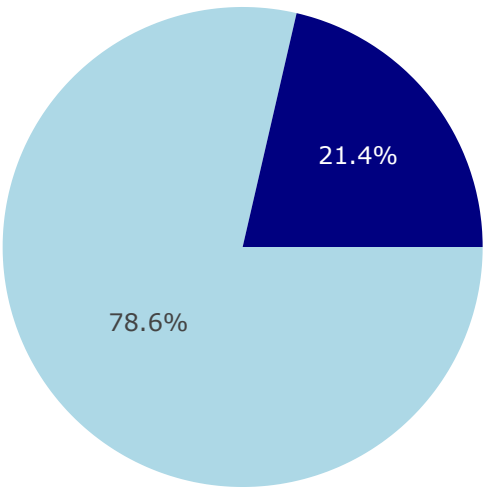
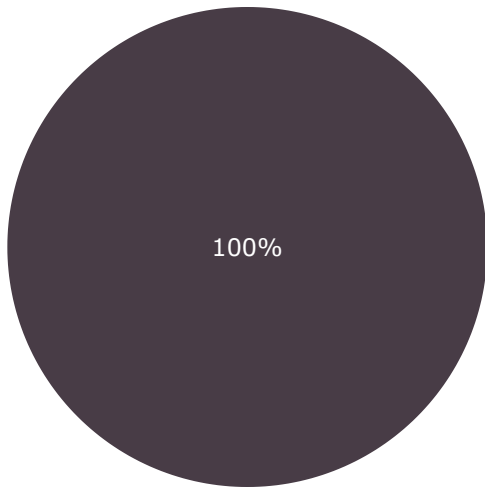
RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.0	1.0	N/A	N/A
Site Return to Normal Depth (ft)	0.57	0.57	N/A	N/A
Time Activated	05/28/2024 17:35	05/28/2024 17:35	N/A	N/A
Time Returned to Normal	05/29/2024 00:55	05/29/2024 00:55	N/A	N/A



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	5.99	N/A
Volume Stored (MG)	0.437	0
Unused Storage Volume (MG)	0.417	1.653
RTC Depth at Overflow Start (ft)	2.02	0.29
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



Jun2024 KPI Report for SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4



- SPP Activation Occurred Before Storage Utilized
- Occurred SPP Overflow Volume
- Prevented SPP Overflow Volume

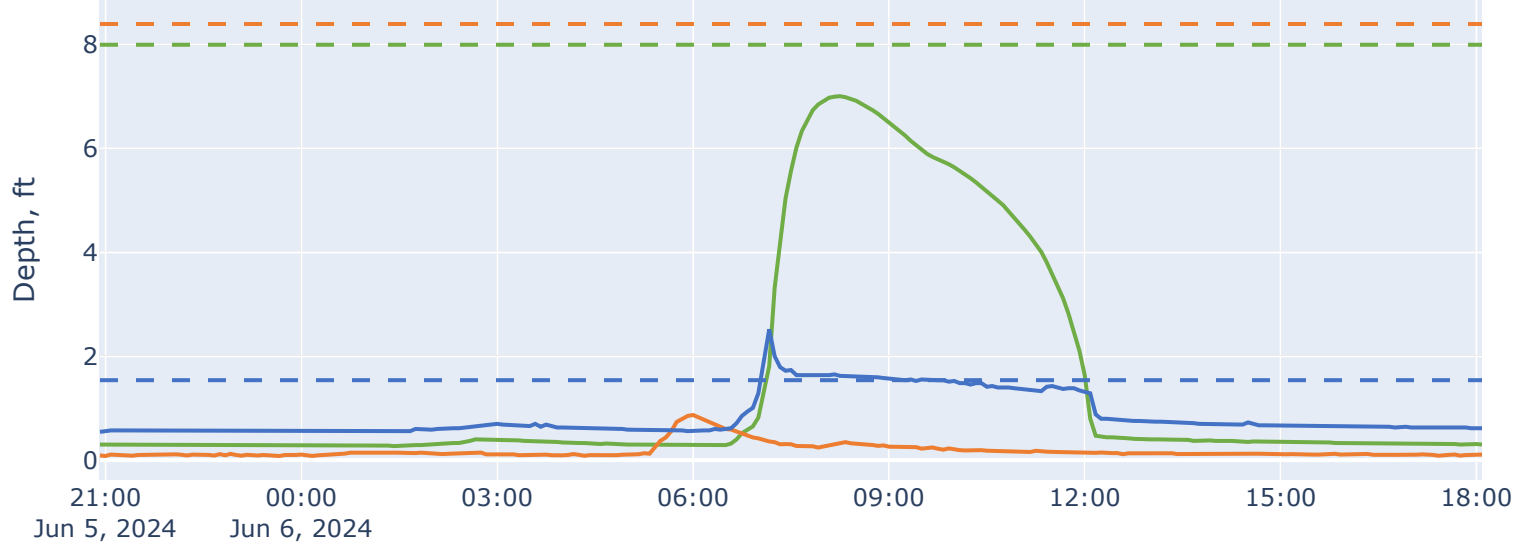
Number of Prevented SPP Overflow Events	Number of Occurred SPP Overflow Events	Prevented SPP Overflow Volume (MG)	Occurred SPP Overflow Volume (MG)	Total Rain Observed at BSA Hazelwood RTC RG (in)
0	4	3.564	13.098	5.79

Event	Total Rain at BSA Hazelwood RTC RG (in)	Overflow Volume (MG)	Overflow Volume Prevented (MG)	Percent Captured (%)	Unused Storage Volume (MG)	Storage Utilization (%)	Data Quality
June 05, 2024	0.77	0.169	0.624	79	1.878	25	Good
June 08, 2024	0.98	0.756	0.541	42	1.954	22	Good
June 18, 2024	0.93	3.693	1.133	23	0.81	58	Good
June 29, 2024	2.08	8.48	1.266	13	0.794	61	Good

June 05, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

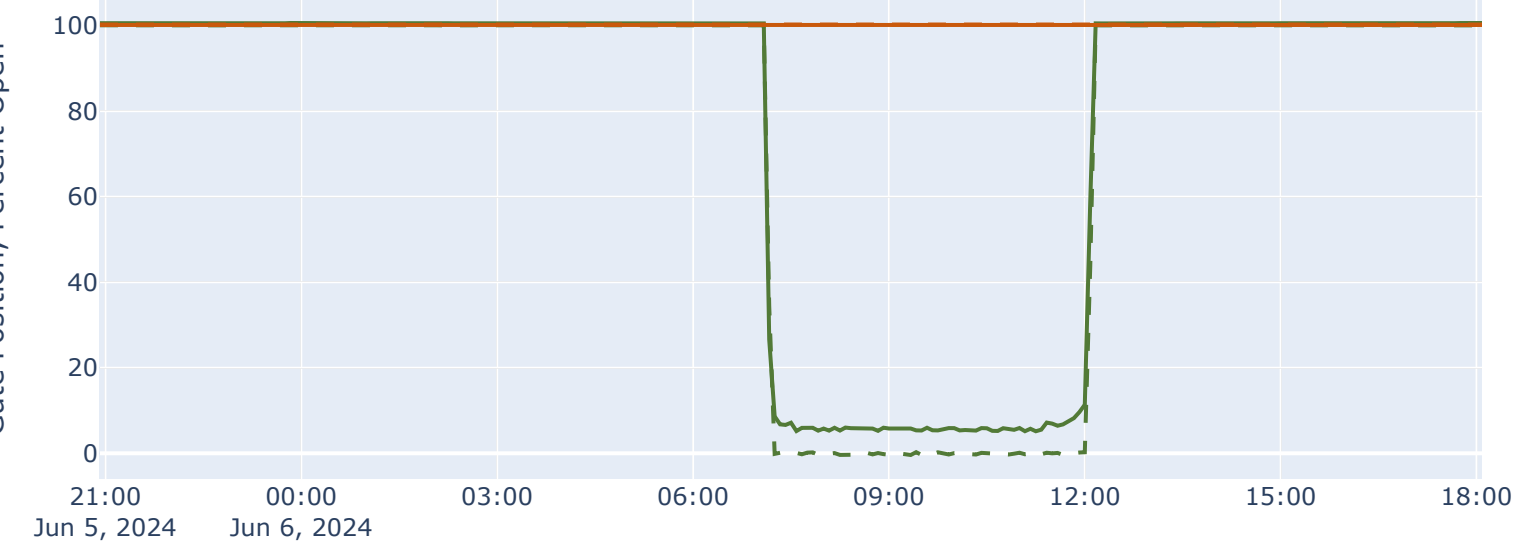
Event Data	Value
Event Start Date/Time	06/05/2024 20:55
Event End Date/Time	06/06/2024 18:05
Total Rainfall Accumulation (in)	0.77
Maximum Rainfall Intensity (in/hr)	1.56
Storm Event Duration (hr)	12.75
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.624
Percent Captured (%)	79
Unused Storage Volume (MG)	1.878
Overflow Before Storage Full	Yes
Storage Utilization (%)	25
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.169
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.169
Overflow Duration (hr)	2.42

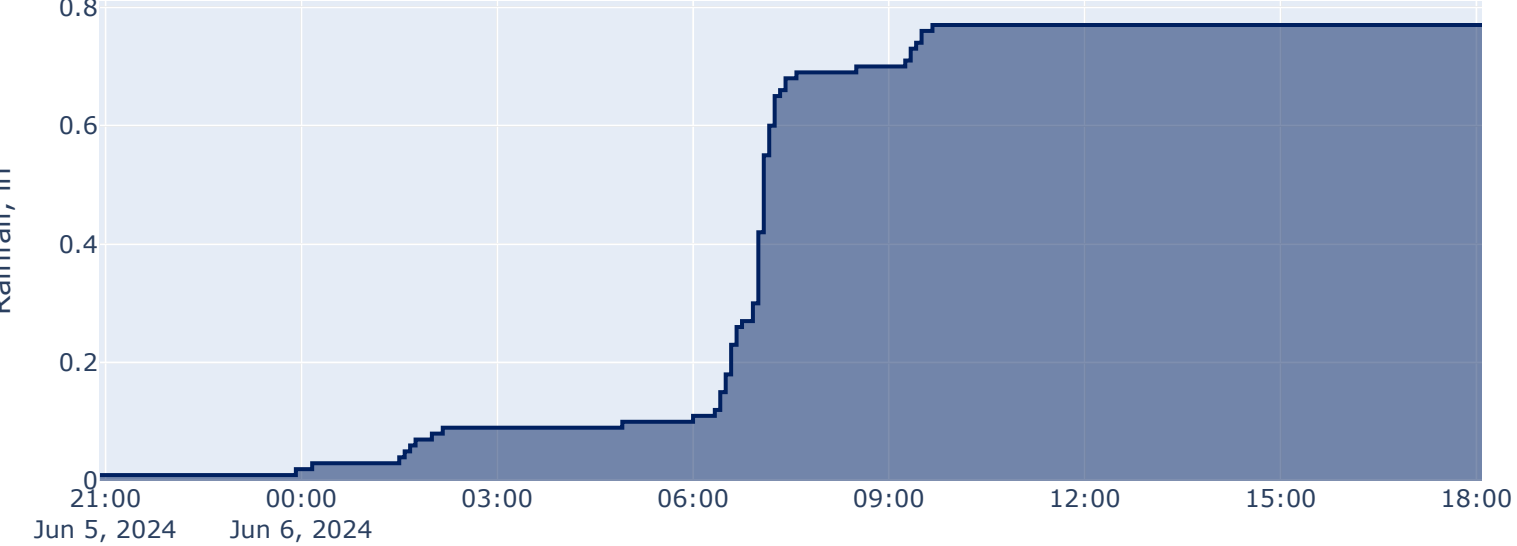


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.3	1.3	N/A	N/A
Site Return to Normal Depth (ft)	0.47	0.47	N/A	N/A
Time Activated	06/06/2024 07:05	06/06/2024 07:05	N/A	N/A
Time Returned to Normal	06/06/2024 12:10	06/06/2024 12:10	N/A	N/A



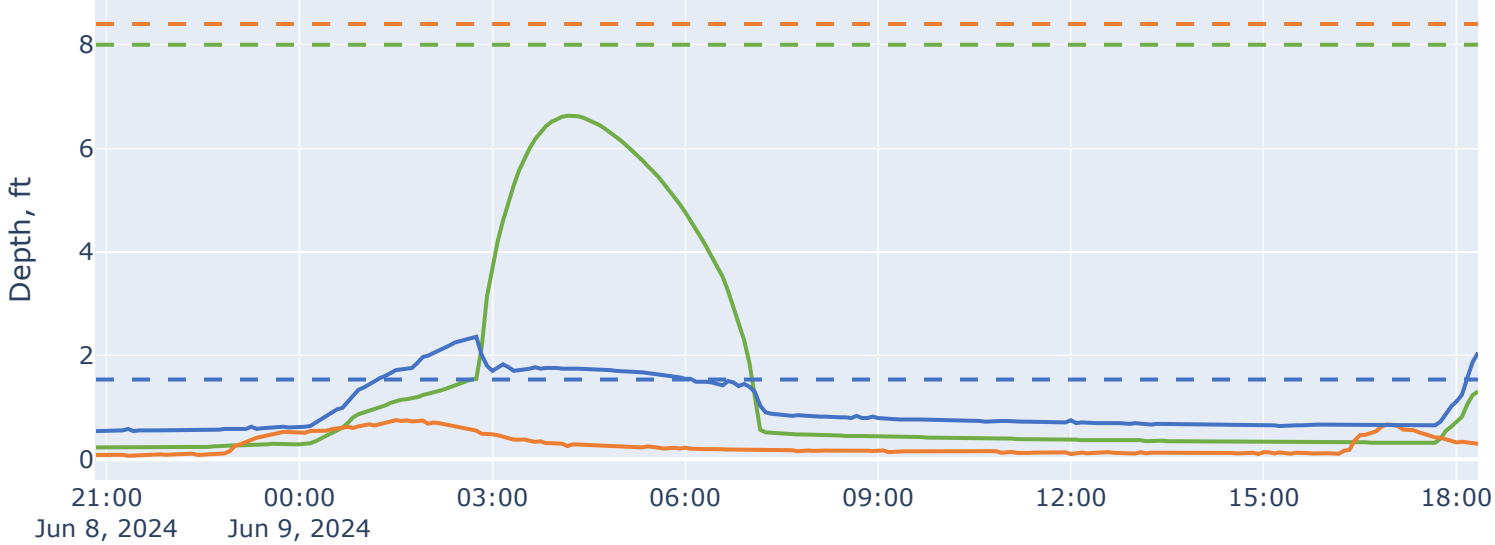
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	7.01	N/A
Volume Stored (MG)	0.624	0
Unused Storage Volume (MG)	0.225	1.653
RTC Depth at Overflow Start (ft)	1.3	0.38
Overflow Before Gate Activation	No	Yes
Overflow Before Storage Full	Yes	Yes



June 08, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

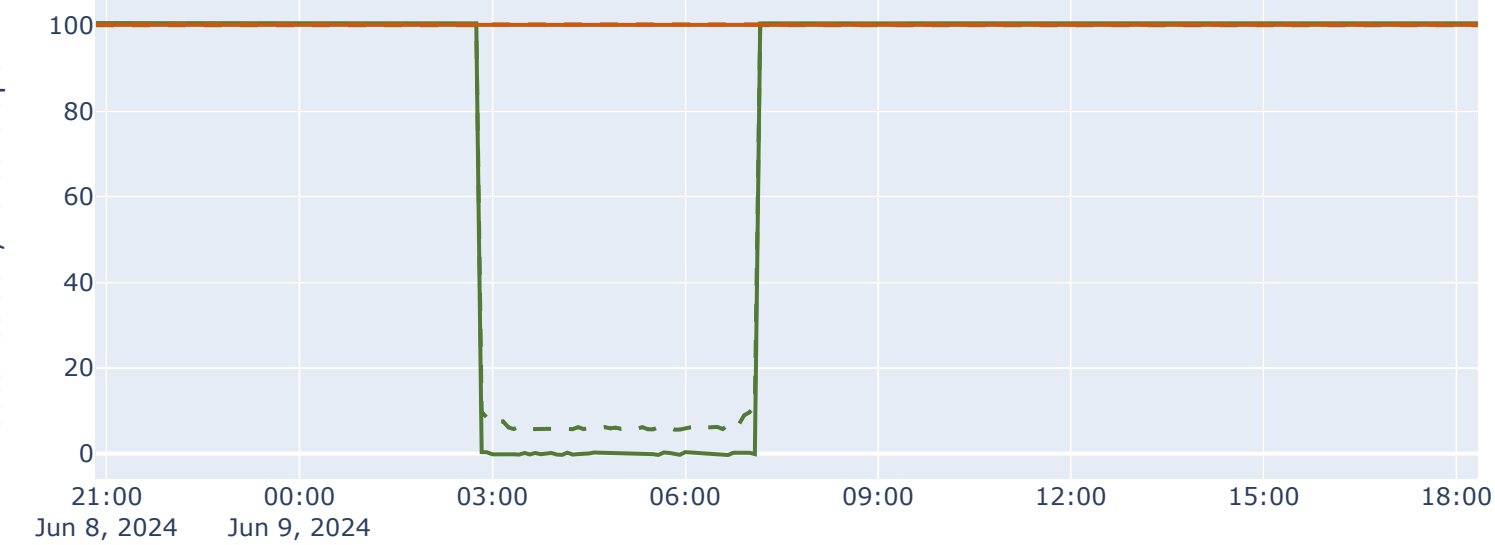
Event Data	Value
Event Start Date/Time	06/08/2024 20:50
Event End Date/Time	06/09/2024 18:20
Total Rainfall Accumulation (in)	0.98
Maximum Rainfall Intensity (in/hr)	0.72
Storm Event Duration (hr)	9.83
Storm Type (NOAA Classification)	<1.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	0.541
Percent Captured (%)	42
Unused Storage Volume (MG)	1.954
Overflow Before Storage Full	Yes
Storage Utilization (%)	22
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	0.756
If no, could SPP activation have been prevented?	Yes
Overflow Volume (MG)	0.756
Overflow Duration (hr)	17.08

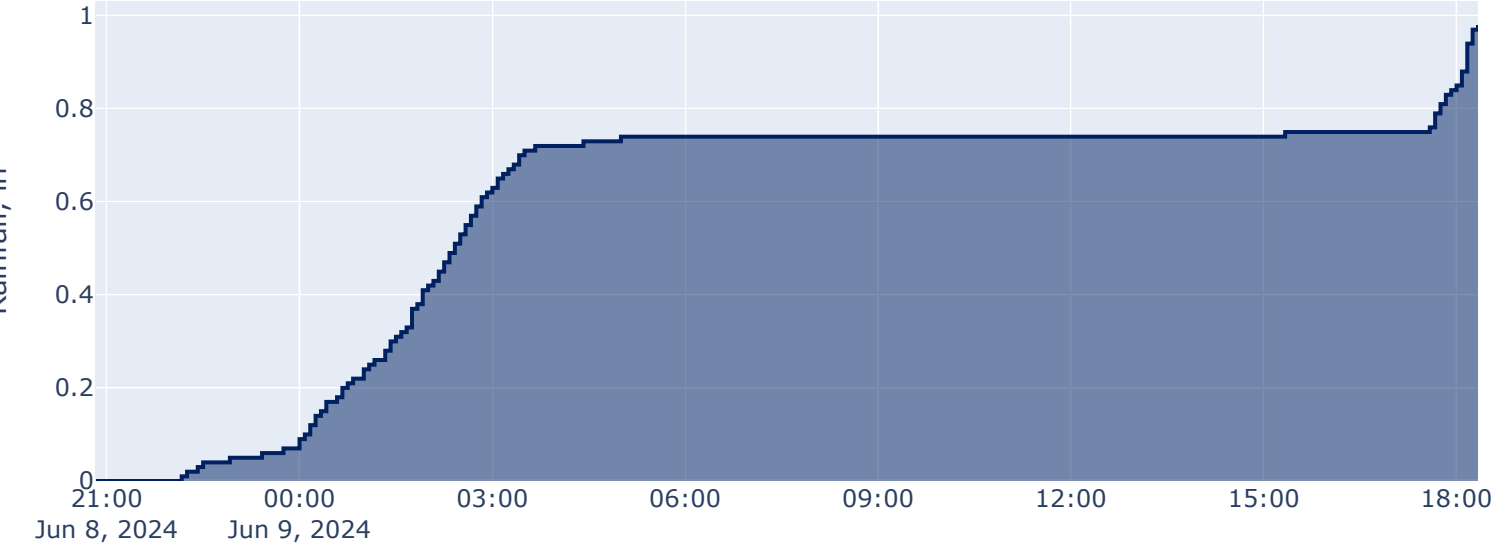


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Site Depth at Activation (ft)	1.55	1.55	N/A	N/A
Site Return to Normal Depth (ft)	0.57	0.57	N/A	N/A
Time Activated	06/09/2024 02:45	06/09/2024 02:45	N/A	N/A
Time Returned to Normal	06/09/2024 07:10	06/09/2024 07:10	N/A	N/A



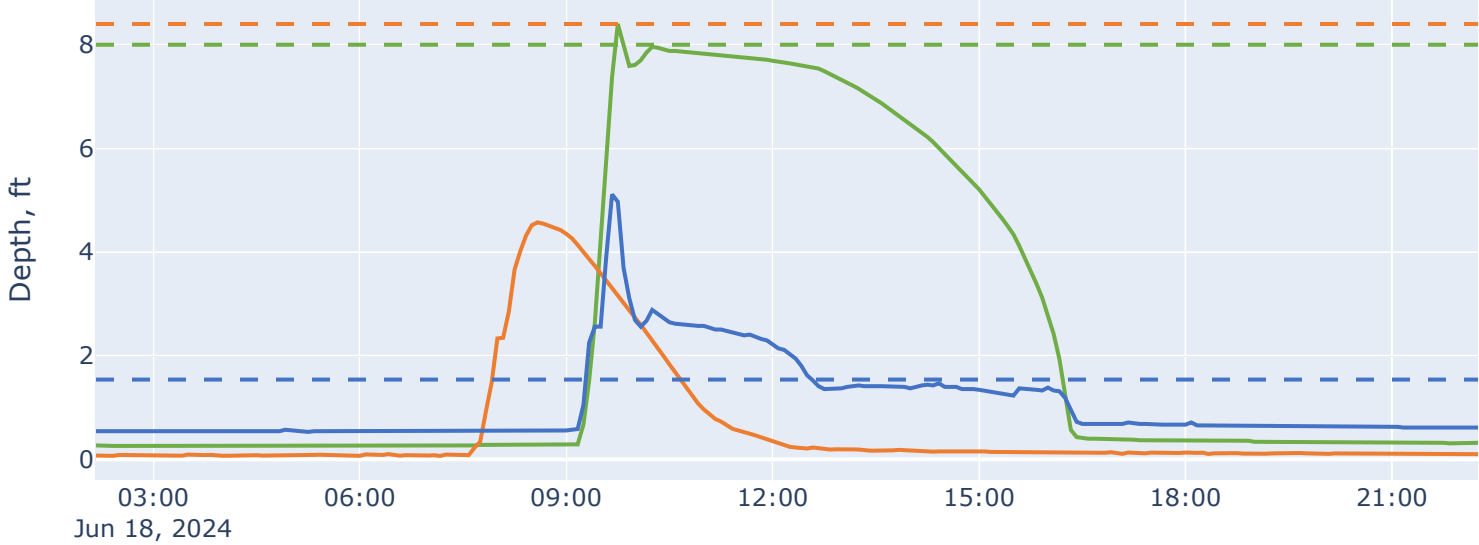
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	6.63	N/A
Volume Stored (MG)	0.541	0
Unused Storage Volume (MG)	0.301	1.653
RTC Depth at Overflow Start (ft)	1.01	0.68
Overflow Before Gate Activation	Yes	Yes
Overflow Before Storage Full	Yes	Yes



June 18, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

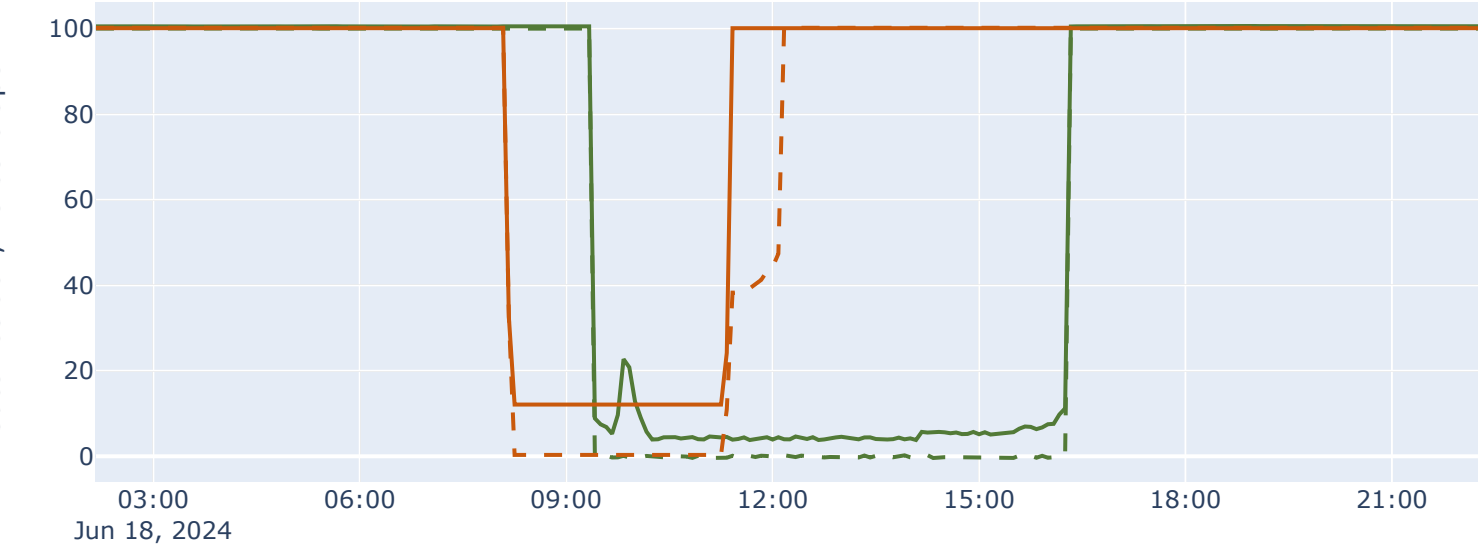
Event Data	Value
Event Start Date/Time	06/18/2024 02:10
Event End Date/Time	06/18/2024 22:15
Total Rainfall Accumulation (in)	0.93
Maximum Rainfall Intensity (in/hr)	2.76
Storm Event Duration (hr)	1.08
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Good
Data Issues	N/A

Overflow Data	Value
Overflow Volume Prevented (MG)	1.133
Percent Captured (%)	23
Unused Storage Volume (MG)	0.81
Overflow Before Storage Full	Yes
Storage Utilization (%)	58
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	3.693
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	3.693
Overflow Duration (hr)	3.17

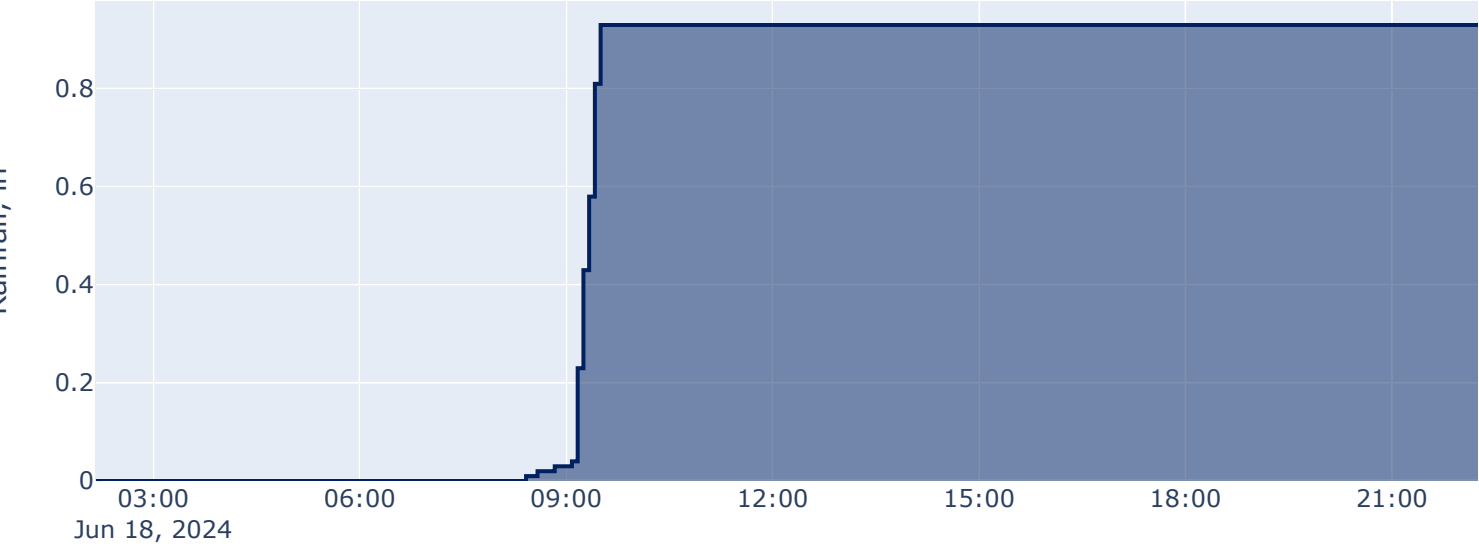


- Lang RTC Upstream Level
- Hazelwood RTC Upstream Level
- Depth at SPP
- Lang Weir Height
- Hazelwood Weir Height
- SPP Weir Height
- Lang RTC Gate 1 Position
- Lang RTC Gate 2 Position
- Hazelwood RTC Gate 1 Position
- Hazelwood RTC Gate 2 Position
- BSA Hazelwood RTC RG

RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	0.28	0.28
Site Depth at Activation (ft)	1.52	1.52	2.35	2.35
Site Return to Normal Depth (ft)	0.57	0.57	0.59	0.27
Time Activated	06/18/2024 09:20	06/18/2024 09:20	06/18/2024 08:05	06/18/2024 08:05
Time Returned to Normal	06/18/2024 16:20	06/18/2024 16:20	06/18/2024 11:25	06/18/2024 12:10



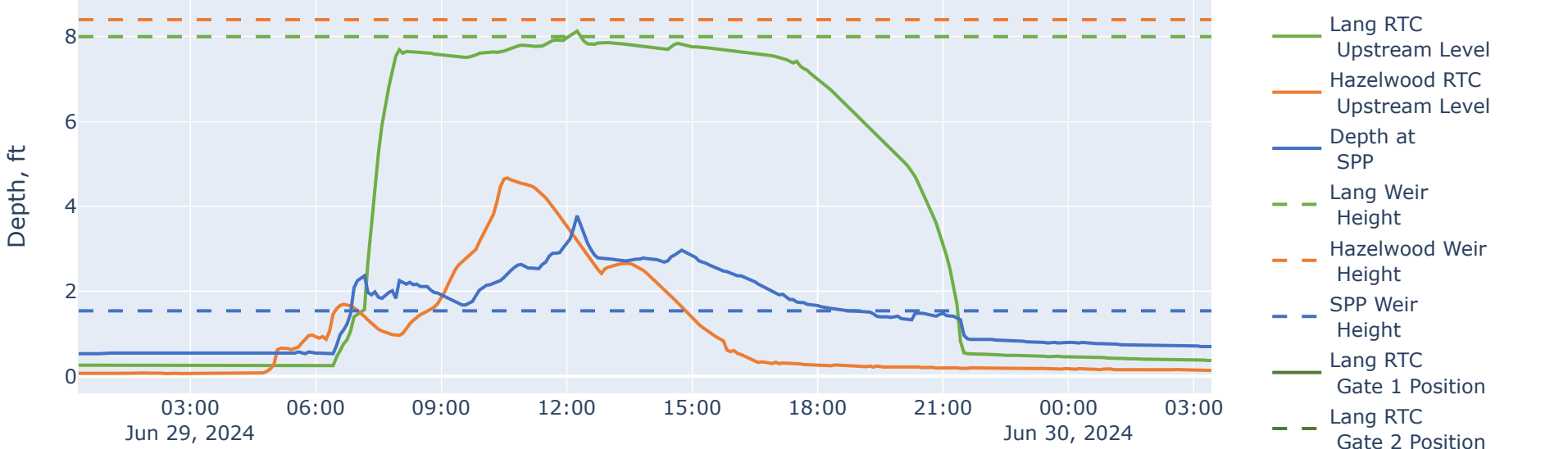
RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	8.0	4.57
Volume Stored (MG)	0.842	0.291
Unused Storage Volume (MG)	0.0	0.81
RTC Depth at Overflow Start (ft)	1.52	3.87
Overflow Before Gate Activation	No	No
Overflow Before Storage Full	Yes	Yes



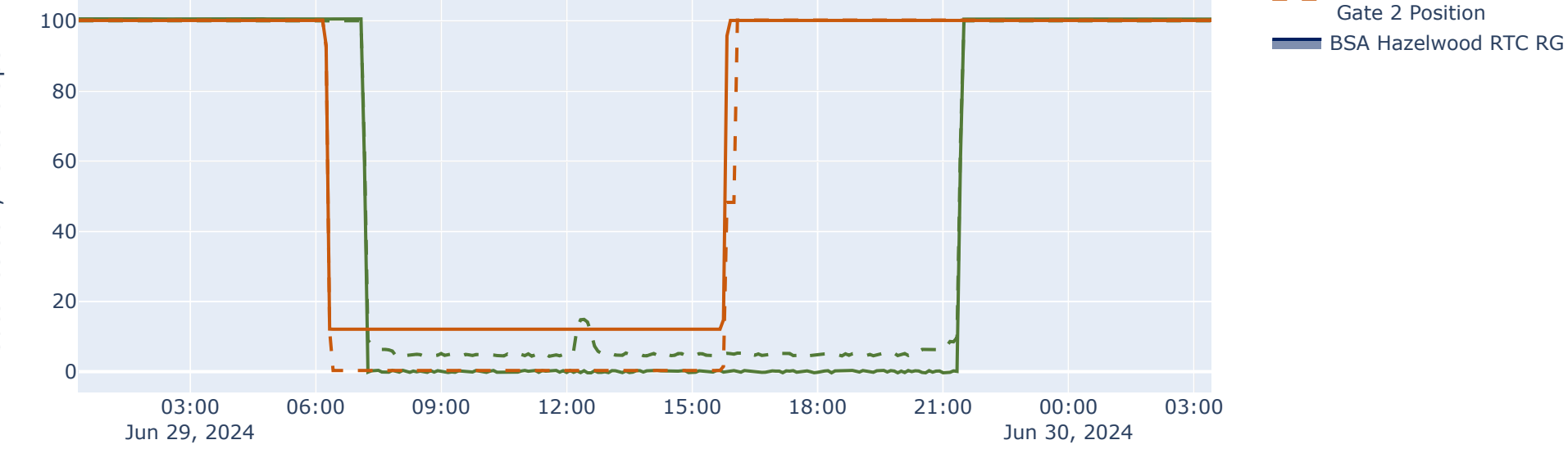
June 29, 2024 SPP340
RTC Site(s) Lang & Hazelwood - v1.0.4

Event Data	Value
Event Start Date/Time	06/29/2024 00:20
Event End Date/Time	06/30/2024 03:25
Total Rainfall Accumulation (in)	2.08
Maximum Rainfall Intensity (in/hr)	1.68
Storm Event Duration (hr)	9.42
Storm Type (NOAA Classification)	>2.0 year
Data Quality	Good
Data Issues	N/A

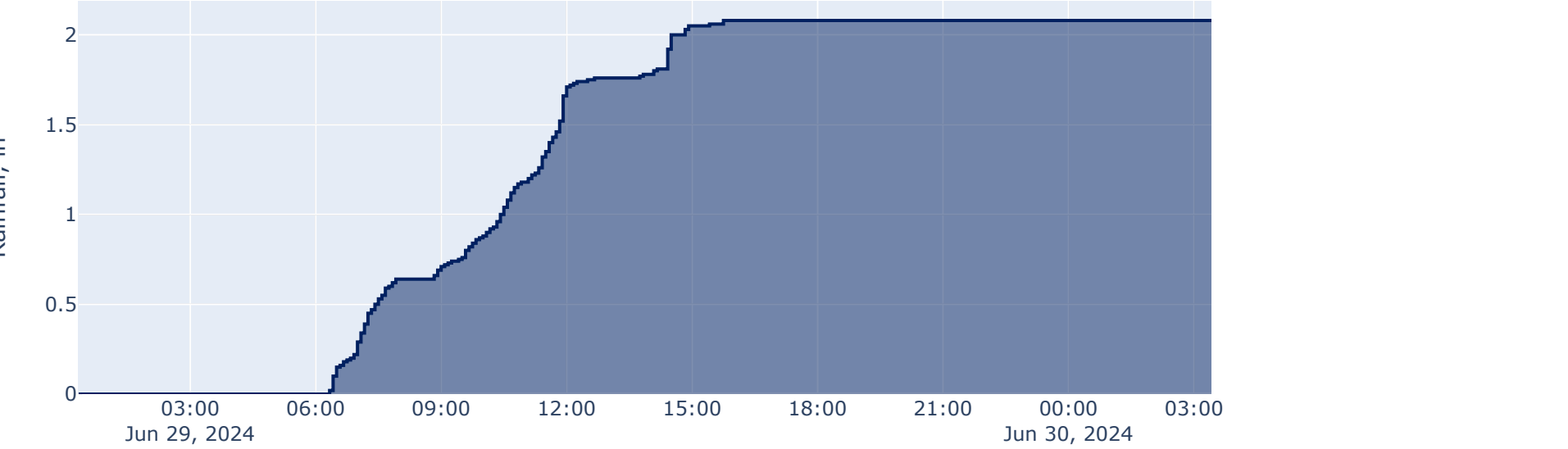
Overflow Data	Value
Overflow Volume Prevented (MG)	1.266
Percent Captured (%)	13
Unused Storage Volume (MG)	0.794
Overflow Before Storage Full	Yes
Storage Utilization (%)	61
SPP Activation Prevented	No
If no, what is the overflow volume when storage was available upstream? (MG)	8.48
If no, could SPP activation have been prevented?	No
Overflow Volume (MG)	8.48
Overflow Duration (hr)	11.67



RTC Sites	Lang Gate 1	Lang Gate 2	Hazelwood Gate 1	Hazelwood Gate 2
Downstream Activation Trigger Depth (ft)	N/A	N/A	0.24	0.24
Site Depth at Activation (ft)	1.52	1.52	0.93	0.93
Site Return to Normal Depth (ft)	0.55	0.55	0.58	0.54
Time Activated	06/29/2024 07:05	06/29/2024 07:05	06/29/2024 06:10	06/29/2024 06:10
Time Returned to Normal	06/29/2024 21:30	06/29/2024 21:30	06/29/2024 15:55	06/29/2024 16:05



RTC Sites	Lang	Hazelwood
Depth at Weir Crest (ft)	8.0	8.4
Maximum Depth Reached (ft)	8.0	4.67
Volume Stored (MG)	0.842	0.424
Unused Storage Volume (MG)	0.0	0.794
RTC Depth at Overflow Start (ft)	1.4	1.61
Overflow Before Gate Activation	Yes	No
Overflow Before Storage Full	Yes	Yes



BIRD

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Jul-17	4	4	50%	4.03	6.5	38%
Aug-17	2	5	29%	4.71	3.4	58%
Sep-17	3	3	50%	4.39	5.8	43%
Oct-17	5	3	63%	5.75	18.3	24%
Nov-17	2	6	25%	5.31	20.2	21%
Dec-17	2	2	50%	2.28	0.4	85%
Jan-18	1	2	33%	2.61	4.5	37%
Feb-18	3	1	75%	1.74	13.1	12%
Mar-18	1	1	50%	0.96	10.3	9%
Apr-18	1	1	50%	1.58	19.5	7%
May-18	2	2	50%	2.51	5.0	34%
Jun-18	1	5	17%	5.31	14.8	26%
Subtotal	27	35	44%	41.20	121.8	25%
Jul-18	2	2	50%	1.97	5.2	28%
Aug-18	4	4	50%	4.80	25.4	16%
Sep-18	3	4	43%	4.54	21.6	17%
Oct-18	7	3	70%	4.97	13.3	27%
Nov-18	5	4	56%	5.58	3.3	63%
Dec-18	1	3	25%	3.33	20.2	14%
Jan-19	1	2	33%	2.00	32.1	6%
Feb-19	2	3	40%	3.87	31.8	11%
Mar-19	2	2	50%	2.71	22.7	11%
Apr-19	3	2	60%	2.79	3.0	48%
May-19	4	3	57%	4.39	10.5	30%
Jun-19	5	5	50%	4.51	23.3	16%
Subtotal	39	37	51%	45.46	212.4	18%
Jul-19	5	0	100%	2.90	0.0	100%
Aug-19	3	4	43%	1.43	12.5	10%
Sep-19	4	3	57%	2.21	5.1	30%
Oct-19	0	3	0%	0.00	9.3	0%
Nov-19	2	0	100%	0.09	0.0	100%
Dec-19	0	2	0%	0.00	1.8	0%
Jan-20	0	1	0%	0.00	0.0	0%
Feb-20	1	0	100%	0.73	0.0	100%
Mar-20	7	0	100%	5.01	0.0	100%

Apr-20	4	0	100%	2.37	0.0	100%
May-20	7	0	100%	4.92	0.0	100%
Jun-20	2	2	50%	3.34	4.6	42%
Subtotal	35	15	70%	23.00	33.3	41%
Jul-20	1	0	100%	0.77	0.0	100%
Aug-20	N/A	N/A		N/A	N/A	
Sep-20	4	1	80%	3.69	0.7	84%
Oct-20	10	0	100%	5.49	0.0	100%
Nov-20	4	2	67%	4.18	0.9	83%
Dec-20	6	1	86%	3.79	4.0	49%
Jan-21	0	1	0%	0.80	0.1	88%
Feb-21	2	0	100%	1.51	0.0	100%
Mar-21	2	0	100%	0.69	0.0	100%
Apr-21	6	0	100%	2.14	0.0	100%
May-21	3	0	100%	1.80	0.0	100%
Jun-21	0	N/A		1.63	0.0	100%
Subtotal	38	5	88%	26.49	5.7	82%
Jul-21	N/A	N/A	N/A	N/A	N/A	N/A
Aug-21	N/A	N/A	N/A	N/A	N/A	N/A
Sep-21	0.0	1	0%	0.89	4.7	16%
Oct-21	1.0	2	33%	2.52	2.5	50%
Nov-21	7.0	1	88%	5.68	0.0	100%
Dec-21	5.0	0	100%	4.22	0.0	100%
Jan-22	3.0	0	100%	1.68	0.0	100%
Feb-22	1.0	2	33%	2.45	11.0	18%
Mar-22	2.0	1	67%	2.03	0.5	80%
Apr-22	3.0	1	75%	3.05	1.9	62%
May-22	4.0	2	67%	4.06	1.0	80%
Jun-22	0.0	0.0	N/A	0.00	0.0	N/A
Subtotal	26.0	10.0	72%	26.58	21.7	55%
Jul-22	1.0	0	100%	0.06	0.0	100%
Aug-22	N/A	N/A	N/A	N/A	N/A	N/A
Sep-22	N/A	N/A	N/A	N/A	N/A	N/A
Oct-22	5.0	0	100%	4.32	0.0	100%
Nov-22	5.0	0	100%	4.63	0.0	100%
Dec-22	1.0	0	100%	0.85	0.0	100%
Jan-23	5.0	0	100%	2.61	0.0	100%
Feb-23	5.0	0	100%	2.48	0.0	100%
Mar-23	2.0	2	50%	2.74	2.9	49%
Apr-23	7.0	1	88%	4.68	3.0	61%
May-23	3.0	0	100%	1.08	0.0	100%
Jun-23	0.0	1.0	0%	0.65	2.2	23%
Subtotal	34.0	4.0	89%	24.09	8.1	75%
Jul-23	2.0	3.0	40%	3.55	18.5	16%

Aug-23	3.0	2.0	60%	2.70	4.1	40%
Sep-23	0.0	3.0	0%	2.55	18.2	12%
Oct-23	2.0	1.0	67%	1.73	0.0	98%
Nov-23	2.0	2.0	50%	2.21	14.4	13%
Dec-23	3.0	3.0	50%	3.88	2.1	64%
Jan-24	3.0	3.0	50%	3.87	36.1	10%
Feb-24	2.0	0.0	100%	0.92	0.0	100%
Mar-24	4.0	1.0	80%	2.30	0.3	87%
Apr-24	1.0	3.0	25%	2.48	50.0	5%
May-24	2.0	2.0	50%	2.41	5.8	29%
Jun-24	3.0	3.0	50%	4.84	31.8	13%
Subtotal	27.0	26.0	51%	33.44	181.5	16%
Total	226.0	132.0	63%	220.27	584.4	27%

Gates not operational for August and September 2022 due to maintenance issues or supply chain

LANG

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Jul-17	2	2	50%	2.21	8.2	21%
Aug-17	4	1	80%	2.94	0.0	100%
Sep-17	2	2	50%	1.90	0.1	93%
Oct-17	1	1	50%	1.76	0.2	92%
Nov-17	5	1	83%	2.55	4.1	39%
Dec-17	0	0	#DIV/0!	0.00	0.0	#DIV/0!
Jan., 2018	3	0	100%	0.95	0.0	100%
Feb., 2018	1	1	50%	0.95	1.4	40%
Mar., 2018	1	0	100%	0.84	0.0	100%
Apr., 2018	1	0	100%	0.84	0.0	100%
May, 2018	4	0	100%	0.27	0.0	100%
June, 2018	4	0	100%	2.23	0.0	98%
Subtotal	28	8	78%	17.45	14.1	55%
Jul-18	2	1	67%	1.67	0.3	84%
Aug-18	1	1	50%	0.86	0.7	54%
Sep-18	N/A	N/A		N/A	N/A	
Oct-18	N/A	N/A		N/A	N/A	

Nov-18	N/A	N/A		N/A	N/A	
Dec-18	N/A	N/A		N/A	N/A	
Jan-19	1	0	100%	0.84	0.0	100%
Feb-19	3	0	100%	1.86	0.0	100%
Mar-19	0	2	0%	1.37	7.6	15%
Apr-19	0	1	0%	0.34	0.8	29%
May-19	0	3	0%	1.07	4.1	21%
Jun-19	N/A	N/A		N/A	N/A	
Subtotal	7.0	8.0	47%	8.01	13.5	37%
Jul-19	N/A	N/A		N/A	N/A	
Total	35.0	16.0	69%	25.46	27.5	48%

HAZELWOOD & LANG

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Aug-19	0	1	0%	1.25	5.7	18%
Sep-19	0	6	0%	3.81	16.1	19%
Oct-19	1	3	25%	4.09	15.8	21%
Nov-19	N/A	N/A		N/A	N/A	
Dec-19	0	3	0%	3.07	14.0	18%
Jan-20	N/A	N/A		N/A	N/A	
Feb-20	N/A	N/A		N/A	N/A	
Mar-20	N/A	N/A		N/A	N/A	
Apr-20	N/A	N/A		N/A	N/A	
May-20	N/A	N/A		N/A	N/A	
Jun-20	N/A	N/A		2.99	0.0	100%
Subtotal	1	13	7%	15.22	51.6	23%
Jul-20	N/A	N/A		N/A	N/A	
Aug-20	1	2	33%	0.70	2.5	22%
Sep-20	0	1	0%	1.15	4.4	20%
Oct-20	4	1	80%	0.28	0.1	66%
Nov-20	2	3	40%	1.83	2.0	48%
Dec-20	2	2	50%	2.07	1.4	60%
Jan-21	0	1	0%	0.61	2.8	18%
Feb-21	1	1	50%	0.10	0.0	100%
Mar-21	2	2	50%	2.12	6.3	25%
Apr-21	1	1	50%	0.18	0.2	47%
May-21	1	1	50%	0.09	0.0	96%

Jun-21	2	1	67%	0.36	0.8	32%
Subtotal	16	16	50%	9.47	20.5	32%
Jul-21	4.0	7	36%	4.83	22.7	18%
Aug-21	3.0	0	100%	2.66	40.0	6%
Sep-21	2.0	5	29%	2.29	16.2	12%
Oct-21	3.0	5	38%	0.38	39.9	1%
Nov-21	6.0	0	100%	0.38	0.0	100%
Dec-21	0.0	2	0%	0.48	0.4	54%
Jan-22	0.0	1	0%	0.06	0.2	21%
Feb-22	0.0	4	0%	3.04	55.1	5%
Mar-22	4.0	1	80%	0.00	0.8	0%
Apr-22	0.0	1	0%	0.84	5.3	14%
May-22	2	3	40%	0.70	1.5	32%
Jun-22	0.0	4.0	0%	2.01	9.9	17%
Subtotal	24.0	33.0	42%	17.68	192.0	8%
Jul-22	0.0	5	0%	0.89	2.1	30%
Aug-22	1.0	5	17%	1.93	3.9	33%
Sep-22	0.0	5	0%	1.91	6.7	22%
Oct-22	1.0	5	17%	2.44	9.8	20%
Nov-22	2.0	2	50%	2.93	31.9	8%
Dec-22	0.0	3	0%	0.96	28.9	3%
Jan-23	0.0	4	0%	1.32	12.2	10%
Feb-23	0.0	1	0%	0.85	20.9	4%
Mar-23	0.0	4	0%	0.46	24.4	2%
Apr-23	0.0	3	0%	1.03	8.3	11%
May-23	N/A	N/A	N/A	N/A	N/A	N/A
Jun-23	0.0	1.0	0%	0.24	1.4	14%
Subtotal	4.0	38.0	10%	14.96	150.4	9%
Jul-23	0.0	2.0	0%	2.27	21.1	10%
Aug-23	0.0	3.0	0%	0.84	3.7	19%
Sep-23	0.0	3.0	0%	1.96	10.2	16%
Oct-23	2.0	2.0	50%	0.51	4.3	11%
Nov-23	0.0	3.0	0%	1.32	6.6	17%
Dec-23	0.0	4.0	0%	1.45	7.7	16%
Jan-24	0.0	5.0	0%	1.66	53.0	3%
Feb-24	0.0	1.0	0%	0.03	0.3	9%
Mar-24	1.0	2.0	33%	0.15	0.4	25%
Apr-24	1.0	2.0	33%	2.28	37.0	6%
May-24	0.0	2.0	0%	1.07	1.0	52%
Jun-24	0.0	4.0	0%	3.56	13.1	21%
Subtotal	4.0	33.0	11%	17.11	158.3	10%
Total	49.0	133.0	27%	74.44	572.6	12%

Gates not operational for May 2023

HERTEL AT DEER

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Apr-20	4	0	100%	8.91	0.0	100%
May-20	7	1	88%	22.35	0.4	98%
Jun-20	3	2	60%	18.54	3.0	86%
Subtotal	14	3	82%	49.80	3.5	94%
Jul-20	3	3	50%	18.99	4.3	81%
Aug-20	4	1	80%	11.30	0.9	93%
Sep-20	3	2	60%	16.02	11.0	59%
Oct-20	6	1	86%	20.47	0.0	100%
Nov-20	2	4	33%	16.71	162.7	9%
Dec-20	5	1	83%	15.80	0.1	100%
Jan-21	1	0	100%	0.18	0.0	100%
Feb-21	1	1	50%	7.86	0.1	98%
Mar-21	3	1	75%	10.74	2.4	82%
Apr-21	4	1	80%	8.60	0.5	94%
May-21	2	1	67%	8.19	0.6	93%
Jun-21	2	3	40%	12.38	0.1	99%
Subtotal	36	19	65%	147.24	182.9	45%
Jul-21	5.0	4.0	56%	31.70	15.8	67%
Aug-21	3.0	2.0	60%	13.16	5.3	71%
Sep-21	3.0	3.0	50%	15.75	4.3	79%
Oct-21	3.0	1.0	75%	5.38	3.1	63%
Nov-21	N/A	N/A	N/A	No Data	No Data	N/A
Dec-21	1.0	1.0	50%	7.25	0.2	97%
Jan-22	2.0	0.0	100%	6.03	0.0	100%
Feb-22	1.0	2.0	33%	11.67	34.1	25%
Mar-22	2.0	1.0	67%	11.54	1.5	89%
Apr-22	0.0	0.0	N/A	0.00	0.0	N/A
May-22	0.0	2.0	0%	5.38	0.4	93%
Jun-22	1.0	3.0	25%	14.13	4.2	77%
Subtotal	21.0	19.0	53%	122.01	68.9	64%
Jul-22	3.0	1.0	75%	5.20	0.2	97%
Aug-22	6.0	2.0	75%	13.67	1.0	93%
Sep-22	2.0	3.0	40%	4.93	0.1	97%
Oct-22	2.0	2.0	50%	9.46	0.9	91%
Nov-22	1.0	3.0	25%	12.10	85.8	12%
Dec-22	2.0	1.0	67%	5.99	13.0	31%
Jan-23	2.0	0.0	100%	2.52	0.0	100%

Feb-23	1.0	0.0	100%	0.27	0.0	100%
Mar-23	4.0	0.0	100%	1.87	0.0	100%
Apr-23	9.0	0.0	100%	3.26	0.0	100%
May-23	1.0	0.0	100%	0.11	0.0	100%
Jun-23	4.0	0.0	100%	1.48	0.0	100%
Subtotal	37.0	12.0	76%	60.84	101.1	38%
Jul-23	0.0	1.0	0%	0.53	12.4	4%
Aug-23	0.0	0.0	N/A	0.00	0.0	N/A
Sep-23	0.0	0.0	N/A	0.00	0.0	N/A
Oct-23	0.0	0.0	N/A	0.00	0.0	N/A
Nov-23	0.0	0.0	N/A	0.00	0.0	N/A
Dec-23	0.0	0.0	N/A	0.00	0.0	N/A
Jan-24	0.0	0.0	N/A	0.00	0.0	N/A
Feb-24	0.0	0.0	N/A	0.00	0.0	N/A
Mar-24	0.0	0.0	N/A	0.00	0.0	N/A
Apr-24	0.0	0.0	N/A	0.00	0.0	N/A
May-24	2.0	3.0	40%	18.73	7.8	71%
Jun-24	1.0	3.0	25%	15.43	10.2	60%
Subtotal	3.0	7.0	30%	34.69	30.3	53%
Total	111.0	60.0	65%	414.58	386.7	52%

11/15/20 event, high degree of uncertainty on overflow volume calculation due to Lake Erie se
August 2023 - April 2024 gates non operational due to actuator corrosion & communication ou

NORTH BAILEY

Month	Prevente d SPP Activatio ns	Actual SPP Activatio ns	Percenta ge Reductio n	Prevente d SPP Overflo w Volume (MG)	Actual SPP Overflow Volume (MG)	Percenta ge Reductio n
May-20	3	2	60%	2.11	1.0	67%
Jun-20	3	4	43%	2.78	3.6	43%
Subtotal	6	72	8%	4.89	4.6	51%
Jul-20	1	5	17%	2.31	1.0	71%
Aug-20	0	3	0%	1.31	0.6	68%
Sep-20	0	2	0%	0.91	1.2	44%
Oct-20	4	1	80%	1.50	0.0	98%
Nov-20	2	3	40%	1.44	1.0	58%
Dec-20	3	1	75%	1.37	0.8	62%
Jan-21	0	1	0%	0.40	0.2	64%
Feb-21	1	1	50%	0.80	0.0	99%
Mar-21	1	0	100%	0.10	0.0	100%
Apr-21	1	0	100%	0.17	0.0	100%
May-21	2	0	100%	0.56	0.0	100%
Jun-21	0	3	0%	1.22	0.1	96%

Subtotal	15	20	43%	12.09	4.9	71%
Jul-21	2.0	6.0	25%	3.03	8.5	26%
Aug-21	0.0	3.0	0%	1.35	2.1	40%
Sep-21	1.0	6.0	14%	2.93	3.0	50%
Oct-21	3.0	3.0	50%	2.24	4.2	35%
Nov-21	3.0	1.0	75%	1.21	0.0	98%
Dec-21	4.0	0.0	100%	0.90	0.0	100%
Jan-22	1.0	0.0	100%	0.18	0.0	100%
Feb-22	1.0	3.0	25%	1.59	2.7	37%
Mar-22	3.0	1.0	75%	1.24	0.2	88%
Apr-22	0.0	0.0	N/A	0.00	0.0	N/A
May-22	3	2	60%	1.91	0.4	81%
Jun-22	0	4	0%	1.70	2.7	39%
Subtotal	21.0	29.0	42%	18.27	23.7	44%
Jul-22	2.0	3.0	40%	1.45	0.4	78%
Aug-22	3.0	3.0	50%	2.18	0.9	70%
Sep-22	2.0	2.0	50%	1.62	0.0	97%
Oct-22	1.0	4.0	20%	1.89	0.8	69%
Nov-22	4.0	2.0	67%	2.06	0.8	73%
Dec-22	1.0	2.0	33%	1.21	0.0	96%
Jan-23	2.0	1.0	67%	1.17	0.3	82%
Feb-23	1.0	0.0	100%	0.40	0.0	100%
Mar-23	5.0	0.0	100%	1.75	0.0	100%
Apr-23	8.0	0.0	N/A	2.31	0.0	N/A
May-23	N/A	N/A	N/A	N/A	N/A	N/A
Jun-23	1	1	50%	0.65	0.1	88%
Subtotal	30.0	18.0	63%	16.69	3.4	83%
Jul-23	0.0	5.0	0%	2.18	0.8	74%
Aug-23	1.0	4.0	20%	1.88	0.4	81%
Sep-23	1.0	2.0	33%	1.26	0.3	80%
Oct-23	1.0	1.0	50%	0.80	0.1	94%
Nov-23	1.0	2.0	33%	1.15	0.1	95%
Dec-23	2.0	2.0	50%	1.63	0.0	98%
Jan-24	3.0	1.0	75%	1.38	0.0	100%
Feb-24	0.0	0.0	N/A	0.00	0.0	N/A
Mar-24	2.0	0.0	100%	0.66	0.0	100%
Apr-24	1.0	2.0	33%	1.22	0.4	74%
May-24	4.0	2.0	67%	1.60	0.1	96%
Jun-24	3.0	2.0	60%	1.73	1.0	63%
Subtotal	19.0	23.0	45%	15.49	3.1	83%
Total	91.0	162.0	36%	67.43	39.8	63%

Gates not operational for May 2023

1/20/24-3/14/24, North Bailey SPP sensor not reporting. 2/24/24- 3/4/24 Gate 1 stuck at 2.4%

BABCOCK PUMP STATION

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Jul-22	N/A	N/A	N/A	N/A	N/A	N/A
Aug-22	N/A	N/A	N/A	N/A	N/A	N/A
Sep-22	N/A	N/A	N/A	N/A	N/A	N/A
Oct-22	N/A	N/A	N/A	N/A	N/A	N/A
Nov-22	N/A	N/A	N/A	N/A	N/A	N/A
Dec-22	0.0	1.0	0%	0.00	14.8	0%
Jan-23	0.0	3.0	0%	0.22	18.6	1%
Feb-23	1.0	1.0	50%	1.49	6.6	18%
Mar-23	0.0	1.0	0%	0.00	12.8	0%
Apr-23	1.0	3.0	25%	0.12	2.8	4%
May-23	N/A	N/A	N/A	N/A	N/A	N/A
Jun-23	N/A	N/A	N/A	N/A	N/A	N/A
Subtotal	2.0	9.0	18%	1.83	55.6	3%
Jul-23	1.0	2.0	33%	2.00	3.7	35%
Aug-23	2.0	0.0	100%	0.27	0.0	100%
Sep-23	1.0	1.0	50%	1.57	0.0	100%
Oct-23	2.0	0.0	100%	1.38	0.0	100%
Nov-23	2.0	0.0	100%	1.37	0.0	100%
Dec-23	1.0	0.0	100%	0.22	0.0	100%
Jan-24	1.0	0.0	100%	0.70	0.0	100%
Feb-24	0.0	0.0	N/A	0.00	0.0	N/A
Mar-24	0.0	0.0	N/A	0.00	0.0	N/A
Apr-24	0.0	1.0	0%	1.42	28.7	5%
May-24	0.0	1.0	0%	0.15	2.9	5%
Jun-24	1.0	2.0	33%	1.61	8.5	16%
Subtotal	11.0	7.0	61%	10.70	43.8	20%
Total	13.0	16.0	45%	12.53	99.4	11%

From April-December 2022 no communication due to bad cell signal
Gates not operational for May & June 2023

SMITH AT PERRY

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG) Revised	Actual SPP Overflow Volume (MG)	Percentage Reduction	Prevented SPP Overflow Volume (MG) Previously Reported
Jul-18	N/A	N/A	N/A	3.82	N/A	N/A	5.1
Aug-18	N/A	N/A	N/A	4.82	N/A	N/A	12.5
Sep-18	N/A	N/A	N/A	4.82	N/A	N/A	13.4
Oct-18	N/A	N/A	N/A	11.50	N/A	N/A	23.75151
Nov-18	N/A	N/A	N/A	17.87	N/A	N/A	42.7
Dec-18	N/A	N/A	N/A	10.16	N/A	N/A	23.01471
Jan-19	N/A	N/A	N/A	21.69	N/A	N/A	52.35309
Feb-19	N/A	N/A	N/A	11.21	N/A	N/A	44.18406
Mar-19	N/A	N/A	N/A	3.03	N/A	N/A	11.52209
Apr-19	N/A	N/A	N/A	13.40	N/A	N/A	35.68455
May-19	N/A	N/A	N/A	66.64	N/A	N/A	112.15
Jun-19	N/A	N/A	N/A	197.42	N/A	N/A	451.7733
Subtotal	N/A	N/A	N/A	366.38	N/A	N/A	828.1
Jul-19	N/A	N/A	N/A	237.47	N/A	N/A	509.8
Aug-19	N/A	N/A	N/A	59.16	N/A	N/A	106.4
Sep-19	N/A	N/A	N/A	21.34	N/A	N/A	42.6
Oct-19	N/A	N/A	N/A	9.67	N/A	N/A	26.2
Nov-19	N/A	N/A	N/A	5.00	N/A	N/A	9.44
Dec-19	N/A	N/A	N/A	15.88	N/A	N/A	51.37
Jan-20	N/A	N/A	N/A	37.73	N/A	N/A	74.98
Feb-20	N/A	N/A	N/A	22.74	N/A	N/A	46.37
Mar-20	N/A	N/A	N/A	0.00	N/A	N/A	1.71
Apr-20	N/A	N/A	N/A	10.73	N/A	N/A	200.52
May-20	N/A	N/A	N/A	17.64	N/A	N/A	324.189
Jun-20	N/A	N/A	N/A	24.10	N/A	N/A	254
Subtotal	N/A	N/A	N/A	461.47	N/A	N/A	1647.6
Jul-20	N/A	N/A	N/A	96.13	N/A	N/A	116.1859
Aug-20	N/A	N/A	N/A	35.15	N/A	N/A	45.08
Sep-20	N/A	N/A	N/A	13.08	N/A	N/A	14.264
Oct-20	N/A	N/A	N/A	16.63	N/A	N/A	25.325
Nov-20	N/A	N/A	N/A	8.93	N/A	N/A	19.3
Dec-20	N/A	N/A	N/A	26.29	N/A	N/A	39.526
Jan-21	N/A	N/A	N/A	6.07	N/A	N/A	7.434
Feb-21	N/A	N/A	N/A	10.01	N/A	N/A	17.447
Mar-21	N/A	N/A	N/A	4.93	N/A	N/A	12.7625
Apr-21	N/A	N/A	N/A	4.62	N/A	N/A	8.636

May-21	N/A	N/A	N/A	2.02	N/A	N/A	4.565
Jun-21	N/A	N/A	N/A	7.00	N/A	N/A	6.3927
Subtotal	N/A	N/A	N/A	230.85	N/A	N/A	316.9
Jul-21	N/A	N/A	N/A	10.97	N/A	N/A	9.841
Aug-21	N/A	N/A	N/A	15.29	N/A	N/A	13.044
Sep-21	N/A	N/A	N/A	107.02	N/A	N/A	NA
Oct-21	N/A	N/A	N/A	94.30	N/A	N/A	NA
Nov-21	N/A	N/A	N/A	50.90	N/A	N/A	NA
Dec-21	N/A	N/A	N/A	3.66	N/A	N/A	NA
Jan-22	N/A	N/A	N/A	17.88	N/A	N/A	24.404
Feb-22	N/A	N/A	N/A	1.40	N/A	N/A	1.579
Mar-22	N/A	N/A	N/A	13.96	N/A	N/A	17.256
Apr-22	N/A	N/A	N/A	39.40	N/A	N/A	29.124
May-22	N/A	N/A	N/A	39.82	N/A	N/A	28.53
Jun-22	N/A	N/A	N/A	82.26	N/A	N/A	21.029
Subtotal	N/A	N/A	N/A	476.85	N/A	N/A	144.8
Jul-22	N/A	N/A	N/A	N/A	N/A	N/A	
Aug-22	5.0	2.0	71%	64.19	1.4	98%	
Sep-22	5.0	0.0	100%	57.02	0.0	100%	
Subtotal	10.0	2.0	83%	121.21	1.4	99%	
Total	10.0	2.0	83%	1656.76	1.4	100%	

Gates not operational for July 2022

SMITH AT PERRY & SMITH AT EAGLE

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Oct-22	4.0	1.0	80%	94.63	0.5	99%
Nov-22	2.0	1.0	67%	25.99	8.1	76%
Dec-22	3.0	0.0	100%	49.44	0.0	100%
Jan-23	2.0	1.0	67%	59.30	0.9	98%
Feb-23	5.0	2.0	71%	115.18	14.4	89%
Mar-23	5.0	0.0	100%	171.85	0.0	100%
Apr-23	0.0	3.0	0%	8.01	25.3	24%
May-23	N/A	N/A	N/A	N/A	N/A	N/A
Jun-23	3.0	0.0	100%	3.32	0.0	100%
Subtotal	24.0	8.0	75%	527.71	49.3	91%
Jul-23	3.0	2.0	60%	191.04	9.7	95%
Aug-23	2.0	0.0	100%	120.71	0.0	100%
Sep-23	0.0	2.0	0%	176.52	25.8	87%
Oct-23	4.0	0.0	100%	8.45	0.0	100%
Nov-23	3.0	2.0	60%	26.46	5.6	83%
Dec-23	0.0	0.0	N/A	0.00	0.0	N/A

Jan-24	0.0	0.0	N/A	0.00	0.0	N/A
Feb-24	0.0	0.0	N/A	0.00	0.0	N/A
Mar-24	0.0	0.0	N/A	0.00	0.0	N/A
Apr-24	4.0	1.0	80%	19.46	2.7	88%
May-24	2.0	0.0	100%	7.69	0.0	100%
Jun-24	4.0	1.0	80%	19.78	9.3	68%
Subtotal	22.0	8.0	73%	570.10	53.1	91%
Total	46.0	16.0	74%	1097.81	102.4	91%

Gates not operational for May 2023

High levels of prevented overflow volume was reported from July 2023 to September 2023 due to December 2023 - March 2024 valves closed with no dewatering, depth at storage height

BROADWAY & OAK

Month	Prevented SPP Activations	Actual SPP Activations	Percentage Reduction	Prevented SPP Overflow Volume (MG)	Actual SPP Overflow Volume (MG)	Percentage Reduction
Jul-23	0.0	2.0	0%	0.59	4.1	13%
Aug-23	1.0	6.0	14%	1.57	3.1	33%
Sep-23	0.0	3.0	0%	1.18	13.2	8%
Oct-23	0.0	5.0	0%	0.82	5.3	13%
Nov-23	0.0	3.0	0%	1.21	7.0	15%
Dec-23	0.0	6.0	0%	1.17	6.0	16%
Jan-24	0.0	5.0	0%	0.35	12.5	3%
Feb-24	1.0	1.0	50%	0.03	0.7	4%
Mar-24	2.0	2.0	50%	0.05	0.7	6%
Apr-24	2.0	4.0	33%	0.26	14.6	2%
May-24	3	6	33%	0.35	5.3	6%
Jun-24	0.0	6	0%	0.51	12.509	4%
Subtotal	9.0	49.0	16%	8.09	85.0	9%
Total	9.0	49.0	16%	8.09	85.0	9%

7/25/23 was the commission date for this site, no data prior.

Total for Reporting period	95.0	689.62
Total for Bird, Lang &	590.0	3577.37

ain delays

iche event.
tage

open, gate position reset on 3/4/24. Events during this period removed from KPI reports.

to one valve being 100% open and one being 0% open



SMITH ST.

Month	Total Volume Captured (MG)
Jul-18	5.1
Aug-18	12.5
Sep-18	13.4
Oct-18	23.8
Nov-18	42.8
Dec-18	23.0
Jan-19	52.4
Feb-19	44.2
Mar-19	11.5
Apr-19	35.7
May-19	112.2
Jun-19	451.8
Jul-19	509.8
Aug-19	106.4
Sep-19	42.6
Oct-19	26.2
Nov-19	9.4
Dec-19	51.4
Jan-20	75.0
Feb-20	46.4
Mar-20	1.7
Apr-20	200.5
May-20	324.2
Jun-20	254.0
Jul-20	116.2
Aug-20	45.1
Sep-20	14.3
Oct-20	25.3
Nov-20	19.3
Dec-20	39.5
Jan-21	7.4
Feb-21	17.4
Mar-21	12.8
Apr-21	8.6
May-21	4.6
Jun-21	6.4
Jul-21	9.8
Aug-21	13.0
Sep-21	NA

Oct-21	NA
Nov-21	NA
Dec-21	NA
Jan-22	NA
Feb-22	NA
Mar-22	NA
Apr-22	NA
May-22	NA
Jun-22	NA
Subtotal	22.9
Total	2815.6



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August 13, 2024

Technical Memorandum

Buffalo Sewer Authority Wet Weather Operational Optimization

Real-Time Control Site Issue Log for 2024 Fiscal Year

Introduction

This memo documents issues for each real-time control (RTC) site that impacted Key Performance Indicator (KPI) reports for the 2024 fiscal year (July 2023-June 2024). The sections are organized by KPI report, with sub-sections for RTC sites that are on the same report.

Smith St

Smith Perry

7/12/23 - 11/27/23 - Actuator work, no valve position data. Prior to the actuator removal on 11/27/23, one valve was 100% open and one was 0% open. The site was able to dewater completely after wet weather events.

11/27/23 - 3/27/24 - Valves 100% closed. No dewatering, depth at storage height. On 1/30/24 the valve position was switched back in the PLC, but a test ball was still blocking flow. New actuator startup completed 3/27/24.

2/12/24 - 3/13/24 - New flatline error when the South Int Level input sensor switched from LIT004 to LIT003 on 2/12. Replaced radar and serviced pressure transducer on 3/13/24.

3/27/24 - 4/15/24 - Both valves closed in dry weather, updated PLC code on 4/15/24.

4/15/24 - present - Failing to activate at right time, command settings for valve do not match settings in PLC.

5/26/24 - 5/29/24 - Communication outage, no data.

Smith Eagle

10/21/22 - present - SE Downstream Laser Level errors to high value, cleaning more frequently improves data quality.

7/5/23 - 7/12/23 - Smith Perry Upstream level at out-of-range value due to communication error between locations. Gate 2 position errored to out of range value on 7/11/23.

12/22/23 - 1/2/24 - Communication outage, no data.

SPP001

Hertel at Deer

1/1/23 - 4/18/23 - Multiple gate operation issues, but some storage occurring.

4/18/23 - 7/4/23 - Only Gate #1 and #3 can move.

7/4/23 - 4/26/24 - No gates can close due to actuator corrosion, no storage counted. On 4/25/24, installed new gear drive for Gate #1 and #3.

3/27/24 - 3/28/24 - Communication outage, no data.

6/25/24 - 7/8/24 - Communication outage, no data.

SPP340

Lang RTC

3/28/24 - 4/2/24 - Both gates closed on 3/28/24, remote open activated 4/2/24.

4/13/24 - 4/19/24 - Gate 2 stuck partially closed.

Hazelwood RTC

7/27/23 - 8/2/23 - Gate 2 stuck partially closed.

SPP338

North Bailey RTC

1/20/24 - 3/14/24 - North Bailey SPP sensor not reporting, replaced sensor and RTU on 3/14/24 (over-reporting of overflow prevented).

2/24/24 - 3/4/24 - Gate 1 stuck at 2.4% open since 2/24. 3/4/24 reset gate positions. Events during this period removed from KPI report.

3/15/24 - 3/19/24 - Gate 2 closed. 3/19/24 reset gate positions.

3/25/24 - 3/28/24 - Communication outage, no data.

SPP013

Bird RTC

February 2024, May 2024 - Downstream Level is negative, replacement pressure transducer ordered.

3/28/24 - 4/2/24 - 3/28/24 remote open activated because both gates closed, reset on 4/2/24.

SPP097

Babcock PS

1/11/24 - 2/12/24 - ST Level flatline started, site in normal operations state. Resolved 2/12/24 with PLC configuration update.

6/29/24 - 7/2/24 - Pump fail to enter level maintenance state, pump fail to turn on

6/27/24 - present - BPS Pump Flow = 0 gpm. Flow meter stopped working and board needs to be replaced.

SPP326

Broadway Oak

7/25/23 - commissioning date, no data prior

7/26/23 - 7/27/23 - Gate 1 showed out of range reading of 655.31% when closed. Fixed on 7/27/23 by clamping negative position value readings to 0% open.

1/11/24 - 7/9/24 - BO Gate 1 stopped responding to setpoint commands. Water intrusion led to actuator failure. Actuator removed for repair. Re-installed on 7/9/24.

5/19/24 - 5/20/24 - Some brief communication outages.