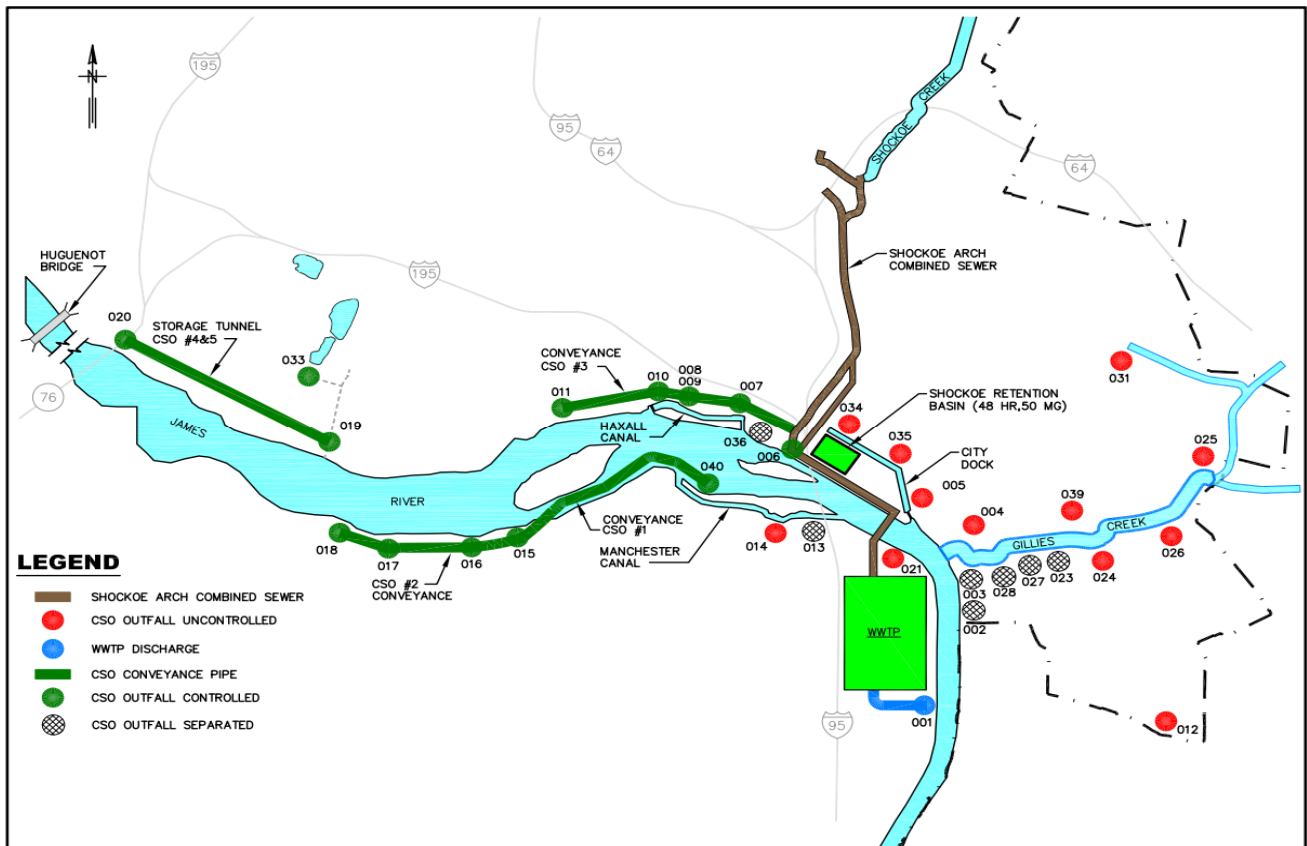


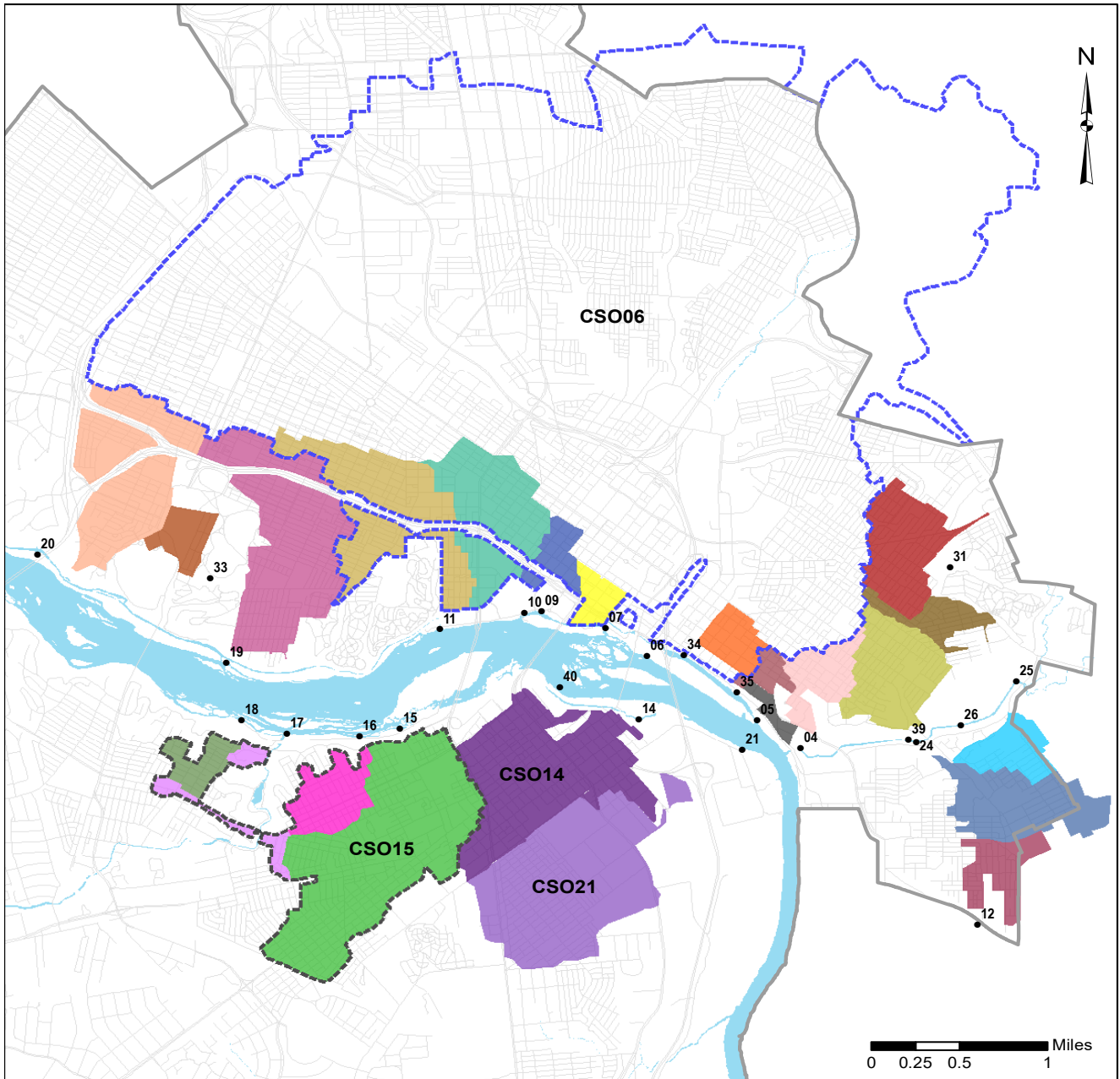
CITY OF RICHMOND, VIRGINIA  
DEPARTMENT OF PUBLIC UTILITIES

Combined Sewer Overflow Monthly Report

April, 2020



# Combined Sewer System Drainage Area Map



## Legend

City Limit	CSO04	CSO09	CSO14	CSO18	CSO24	CSO33	CSO40
CSO05	CSO10	CSO15	CSO19	CSO25	CSO34		
CSO06	CSO11	CSO16	CSO20	CSO26	CSO35		
CSO07	CSO12	CSO17	CSO21	CSO31	CSO39		

**CSO04 - Bloody Run  
Overflow Model Summary  
Current Month: April 2020**

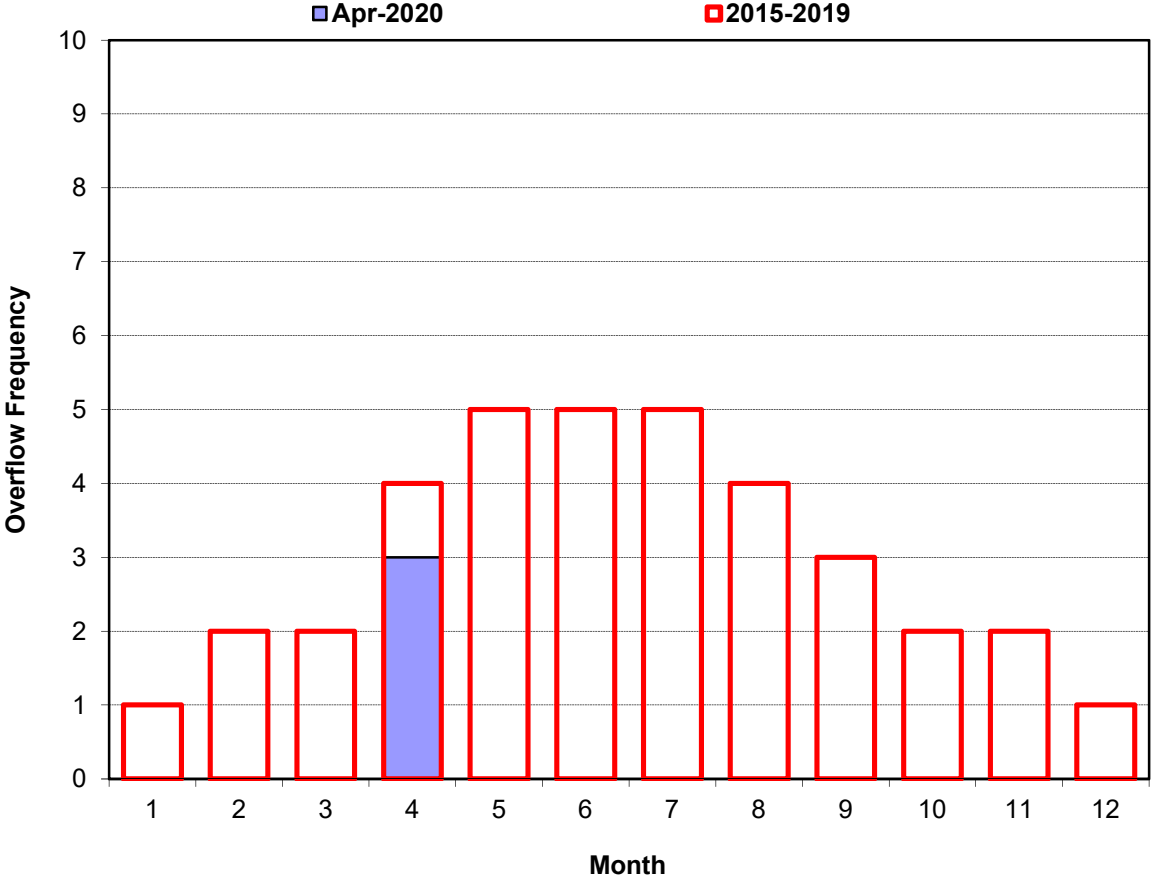
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.03	0.33
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.71	3.17
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.72	5.08

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	1.50	8.58

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO05 - Peach Street  
Overflow Model Summary  
Current Month: April 2020**

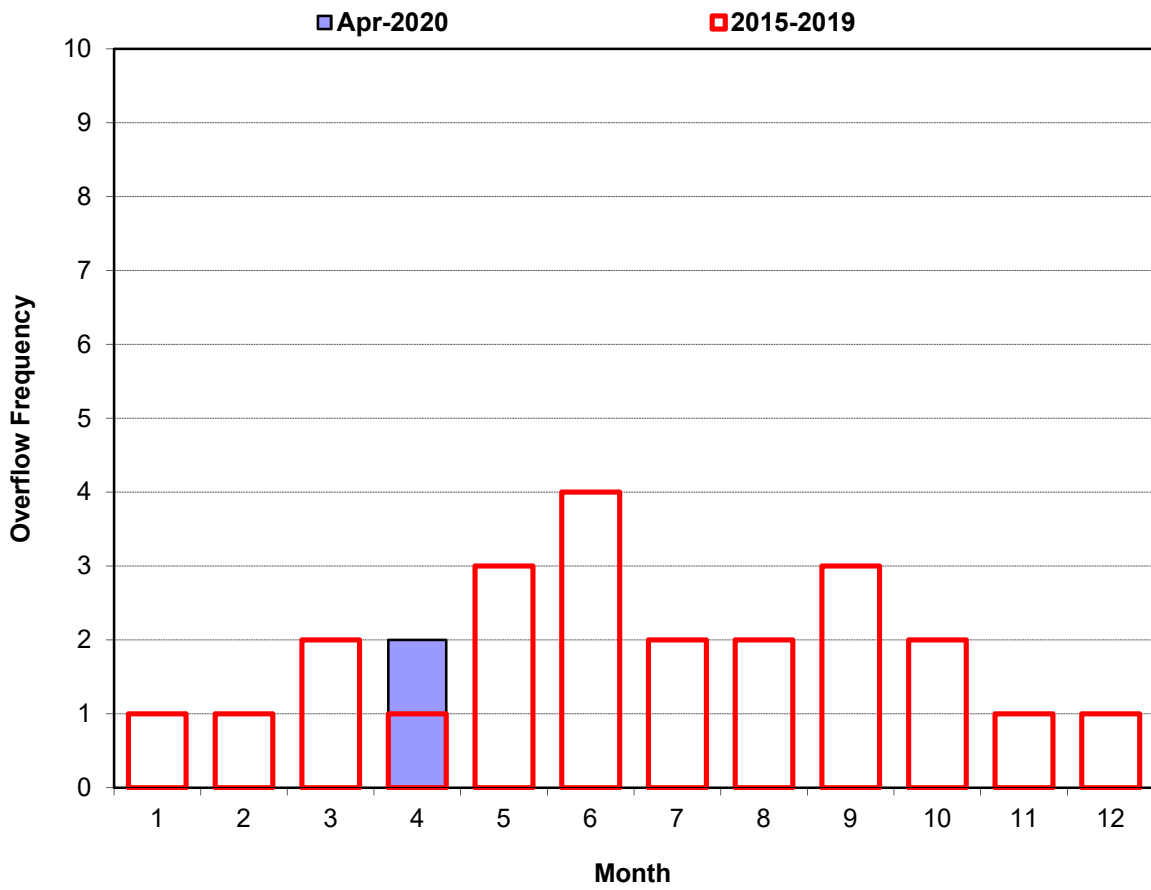
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.49	3.75
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	1	6.75

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
2	4.71	17.50	1.68	1.50	10.50

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO06 - Shockoe**  
**Overflow Model Summary<sup>†</sup>**  
**Current Month: April 2020**

Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	75.5	9.25
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	119	12.25

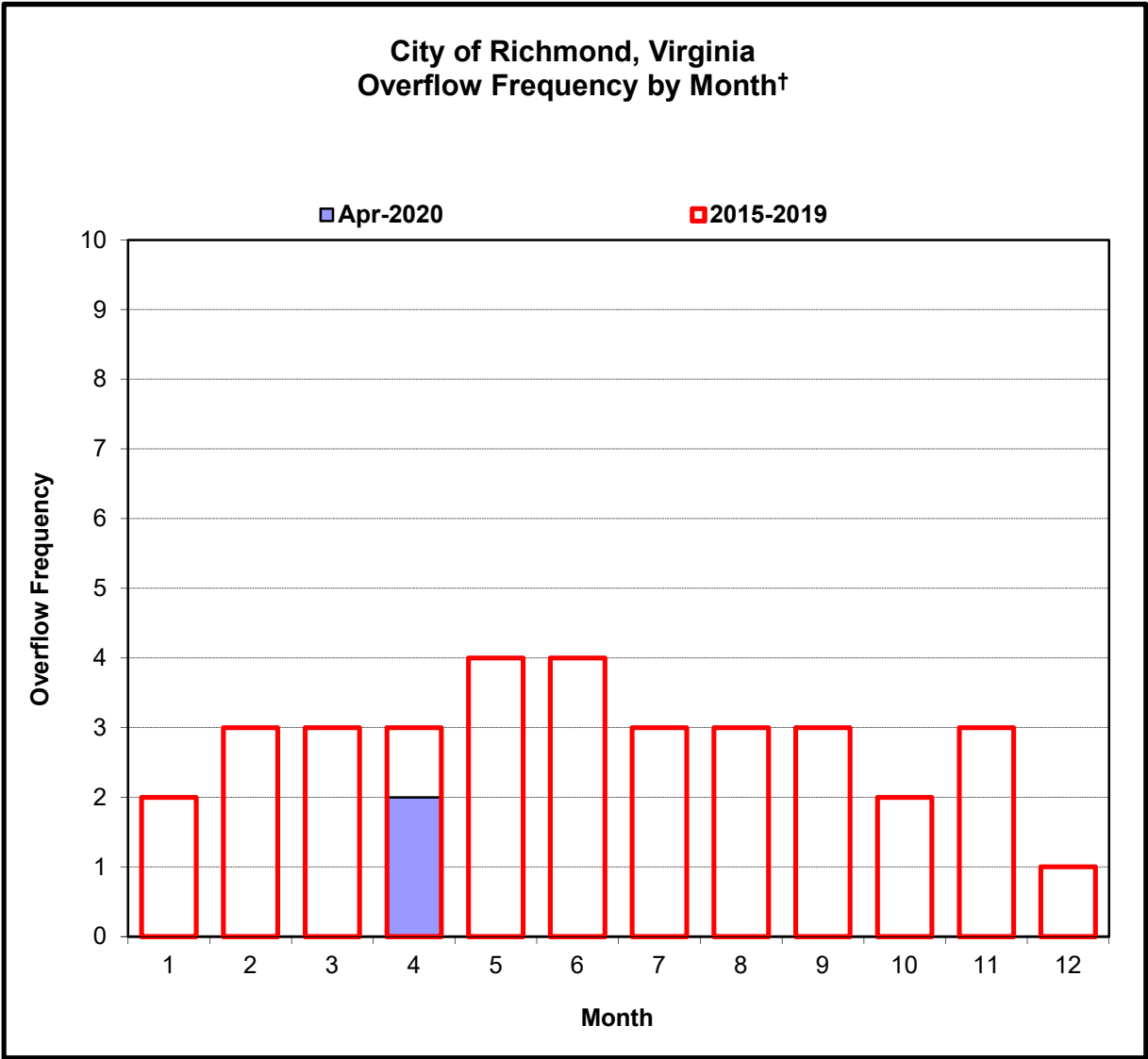
**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
2	4.71	17.50	1.68	194.00	21.50

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

<sup>†</sup> Overflow occurred after the Shockoe Retention Basin was full.

### City of Richmond, Virginia Overflow Frequency by Month†



† Overflow occurred after the Shockoe Retention Basin was full.



**CSO07 - Byrd  
Overflow Model Summary  
Current Month: April 2020**

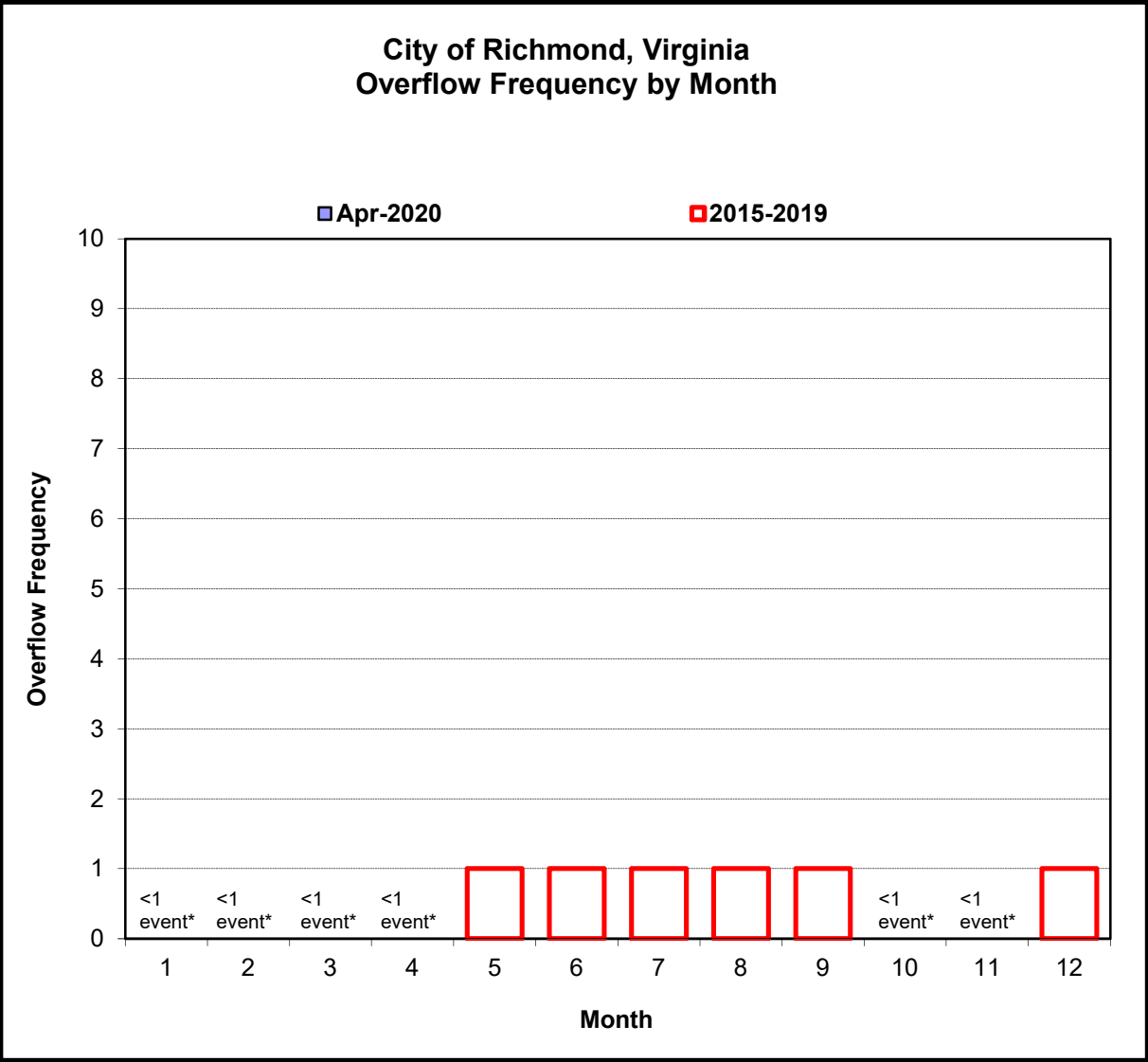
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO09 - 7th Street  
Overflow Model Summary  
Current Month: April 2020**

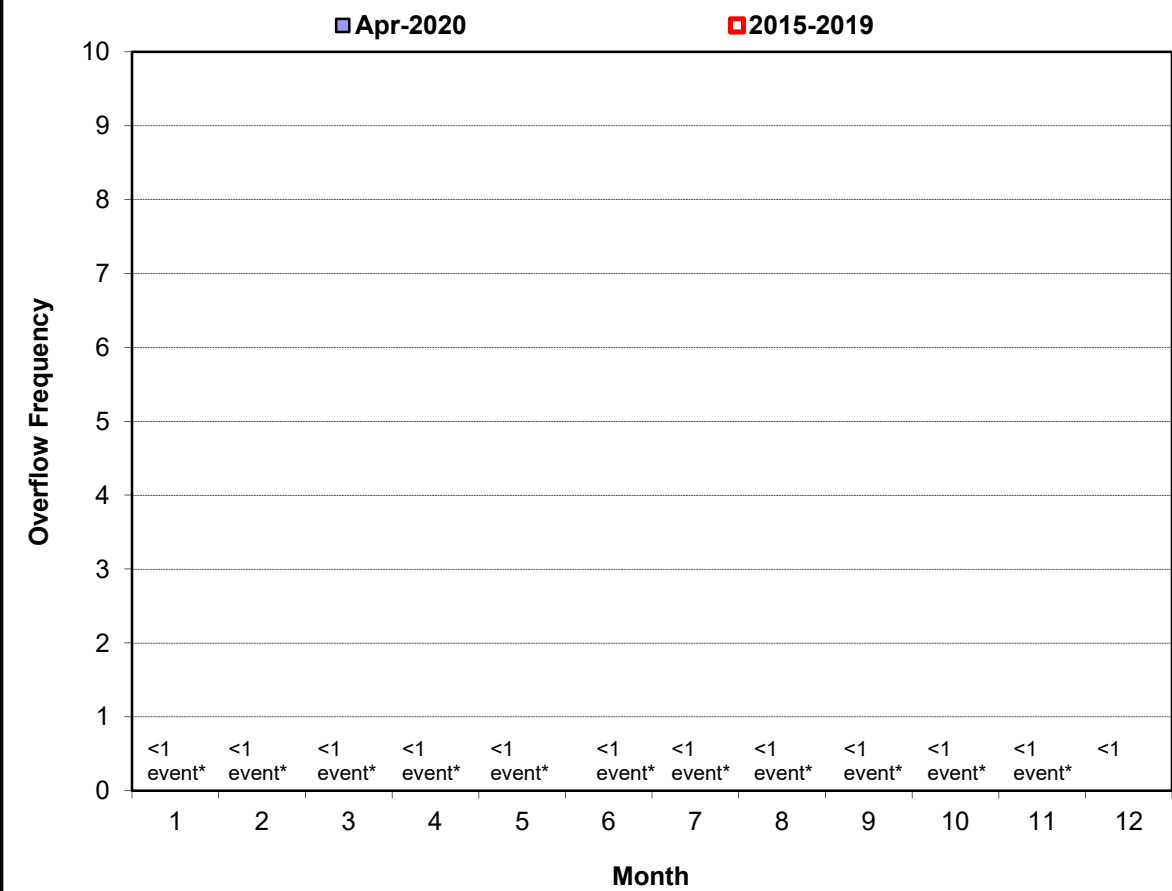
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO10 - Gambles Hill  
Overflow Model Summary  
Current Month: April 2020**

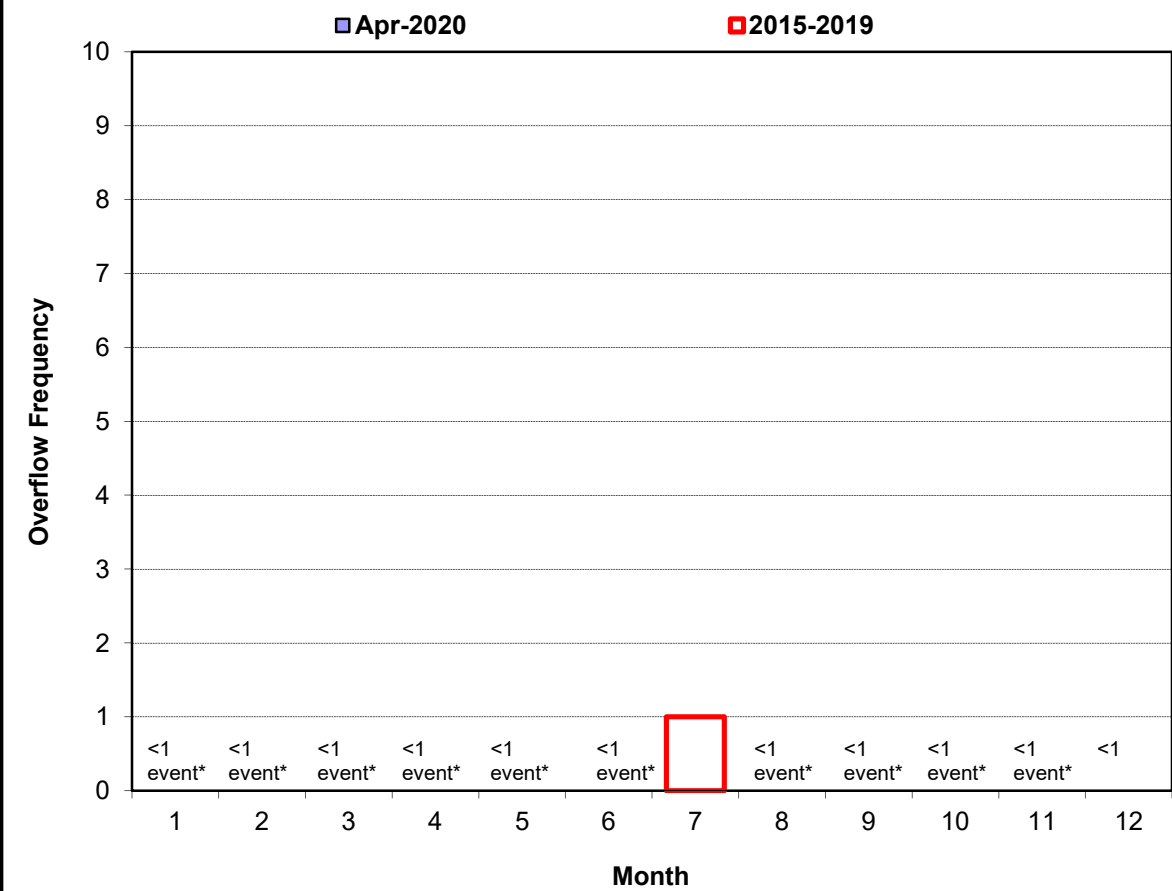
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO11 - Park Hydro  
Overflow Model Summary  
Current Month: April 2020**

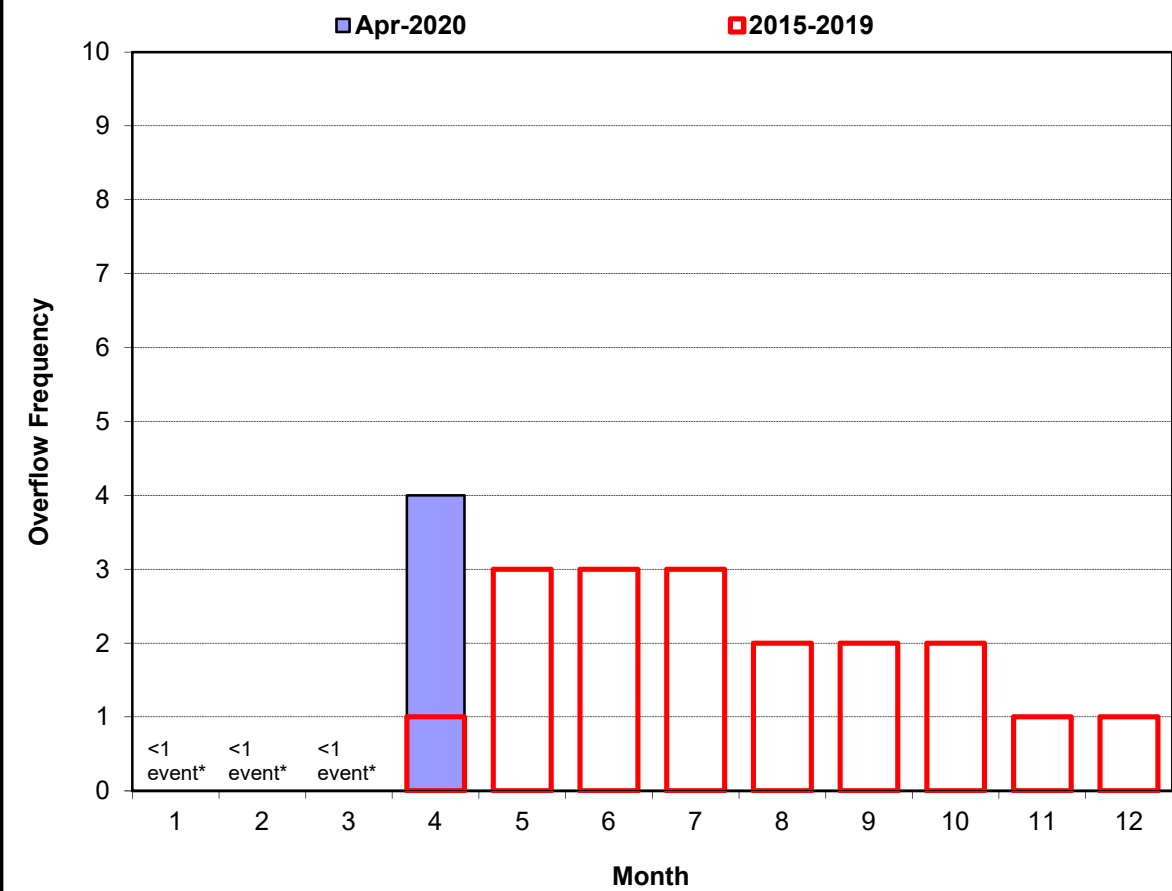
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.31	0.50
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	7	3.00
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20	1	0.36	2.25	0.24	0.001	0.08
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	14.7	4.33

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
4	4.71	17.50	1.68	22.00	7.92

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.



**CSO12 - Hilton Street  
Overflow Model Summary  
Current Month: April 2020**

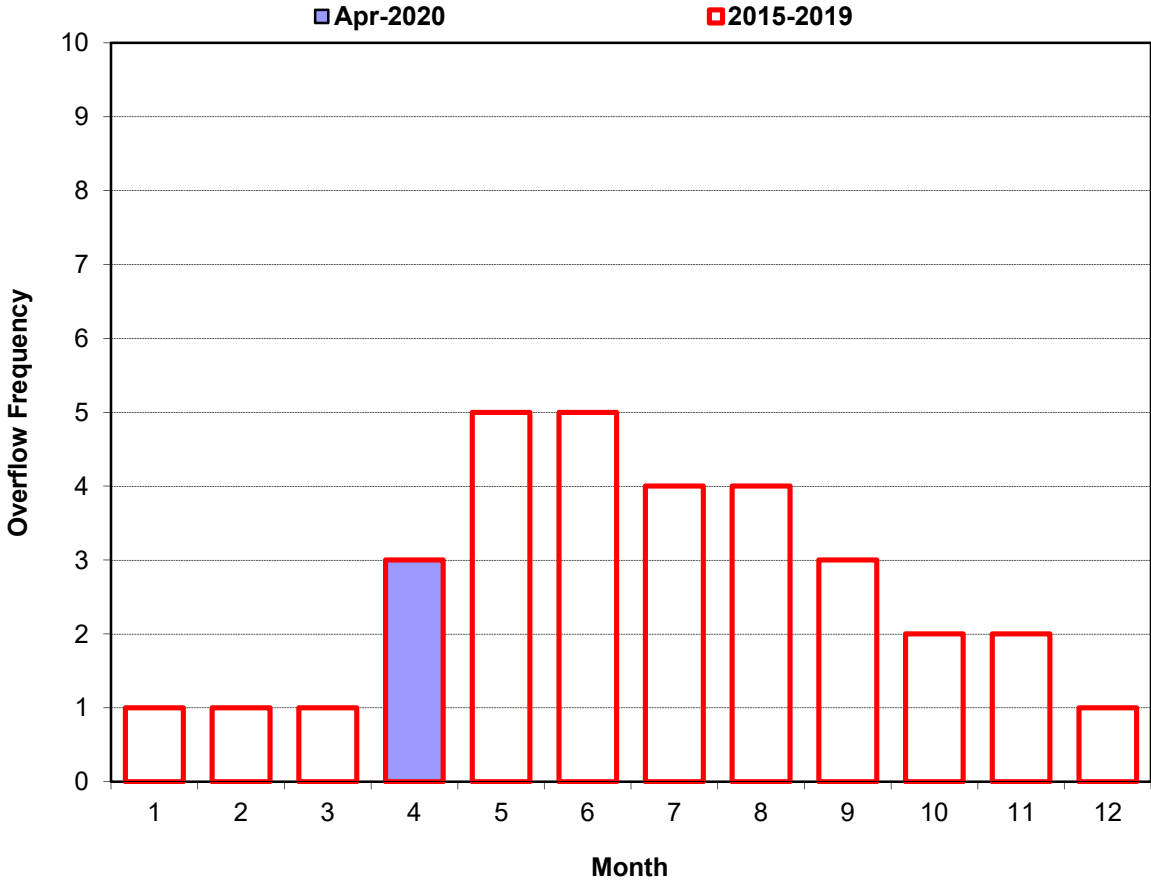
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.01	0.25
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.46	2.83
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.45	6.33

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	0.93	9.42

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO14 - Stockton  
Overflow Model Summary  
Current Month: April 2020**

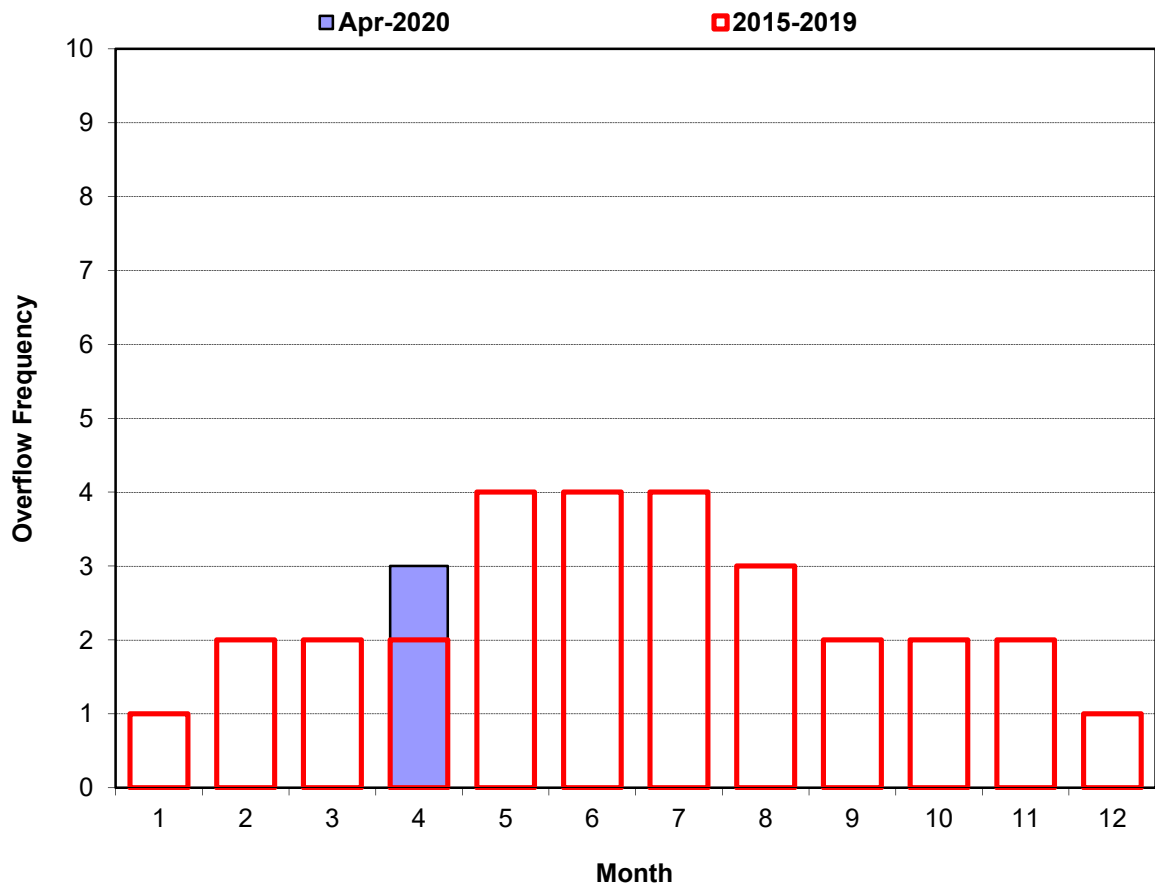
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.03	0.17
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	4.7	3.08
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	5.3	6.58

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	10.00	9.83

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO15 - Canoe Run  
Overflow Model Summary  
Current Month: April 2020**

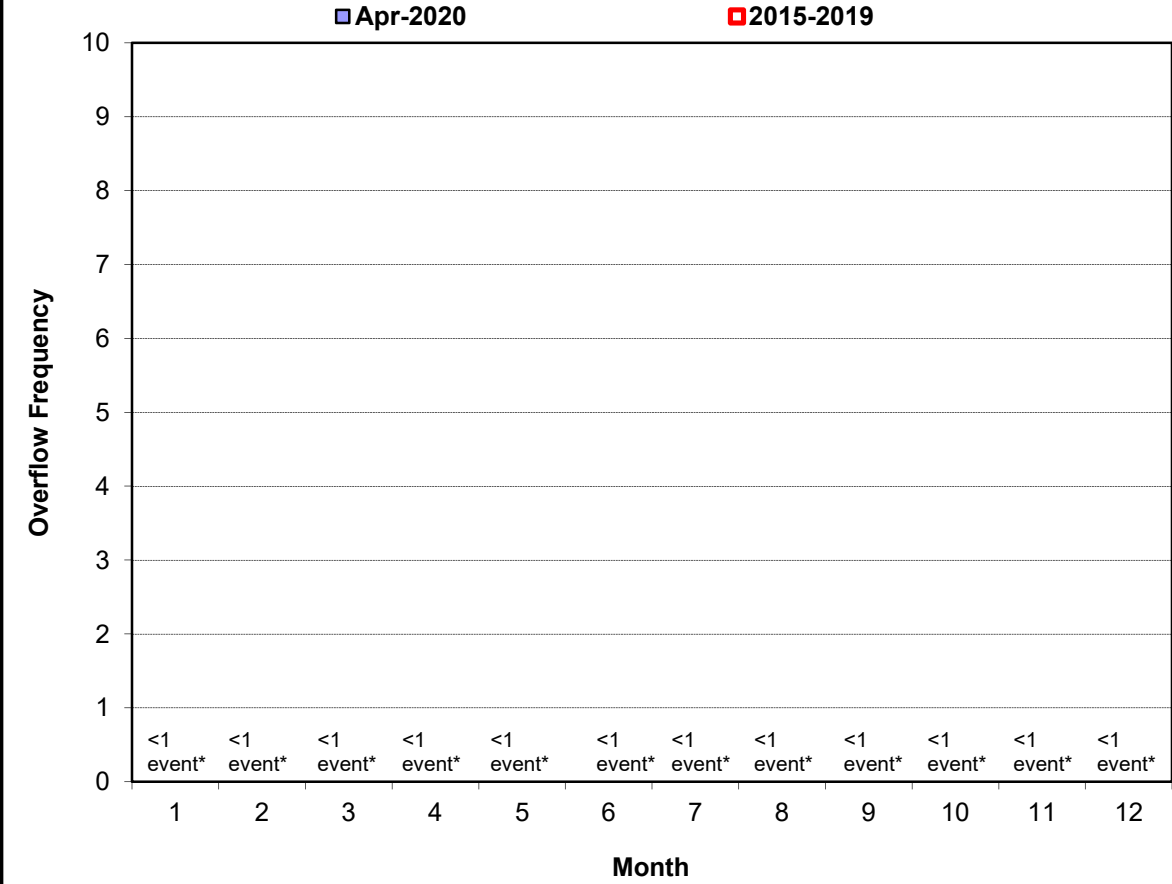
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO16 - Woodland  
Overflow Model Summary  
Current Month: April 2020**

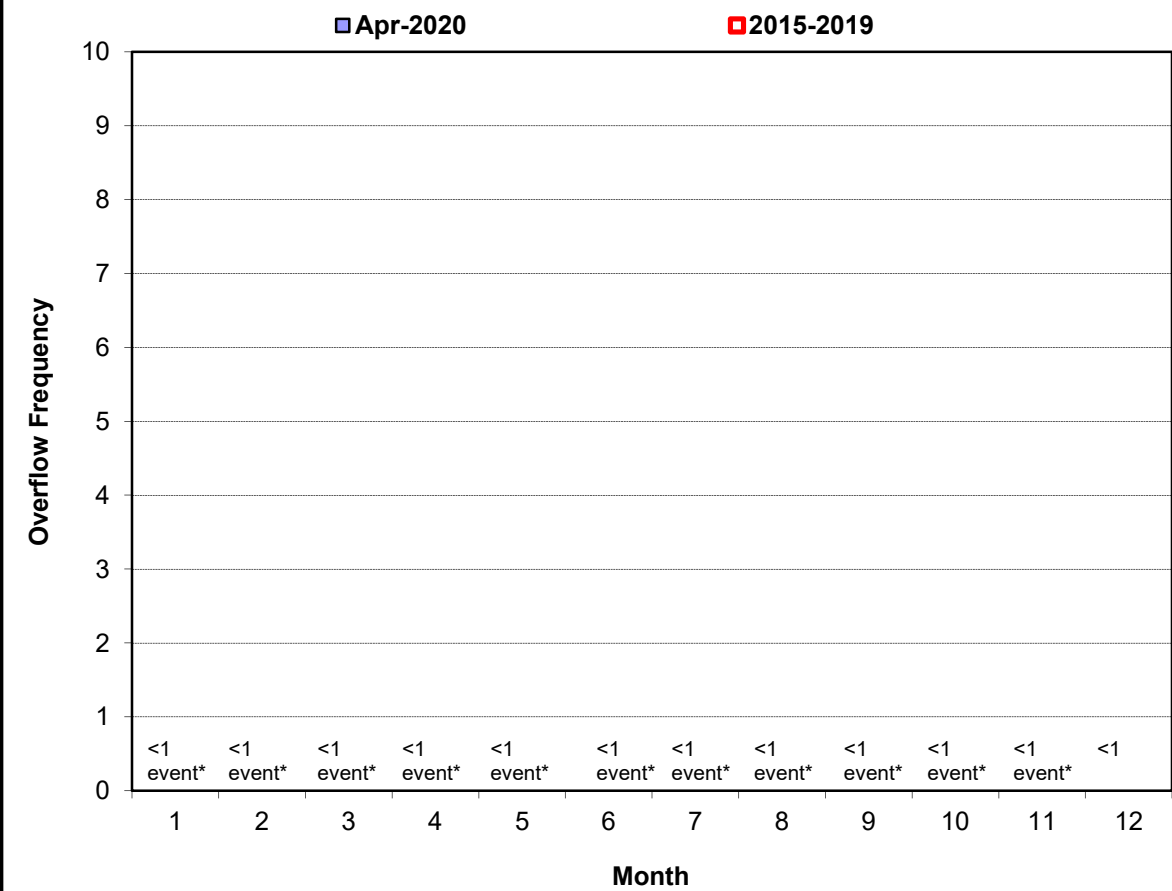
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.



**CSO17 - Reedy Creek  
Overflow Model Summary  
Current Month: April 2020**

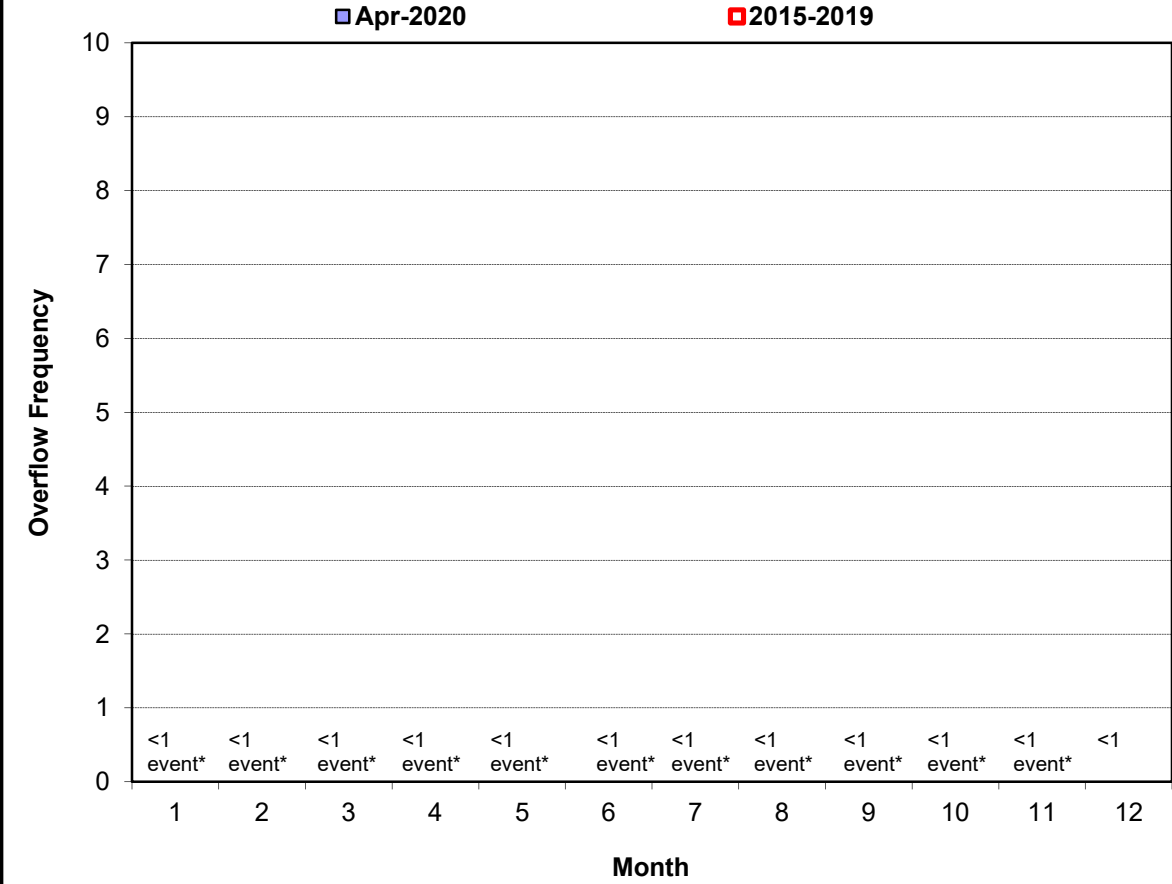
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO18 - 42nd Street  
Overflow Model Summary  
Current Month: April 2020**

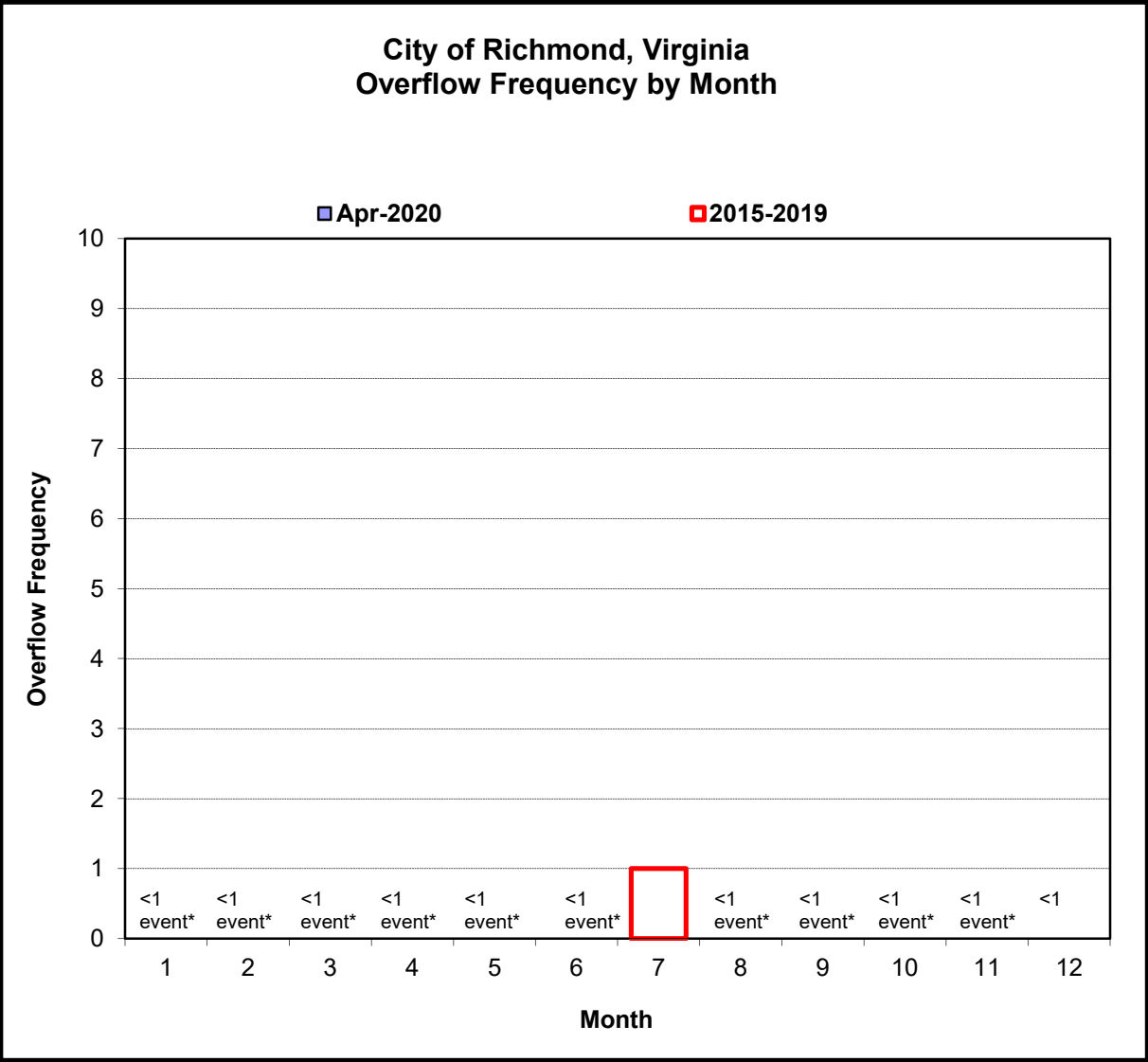
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO19 - Hampton  
Overflow Model Summary  
Current Month: April 2020**

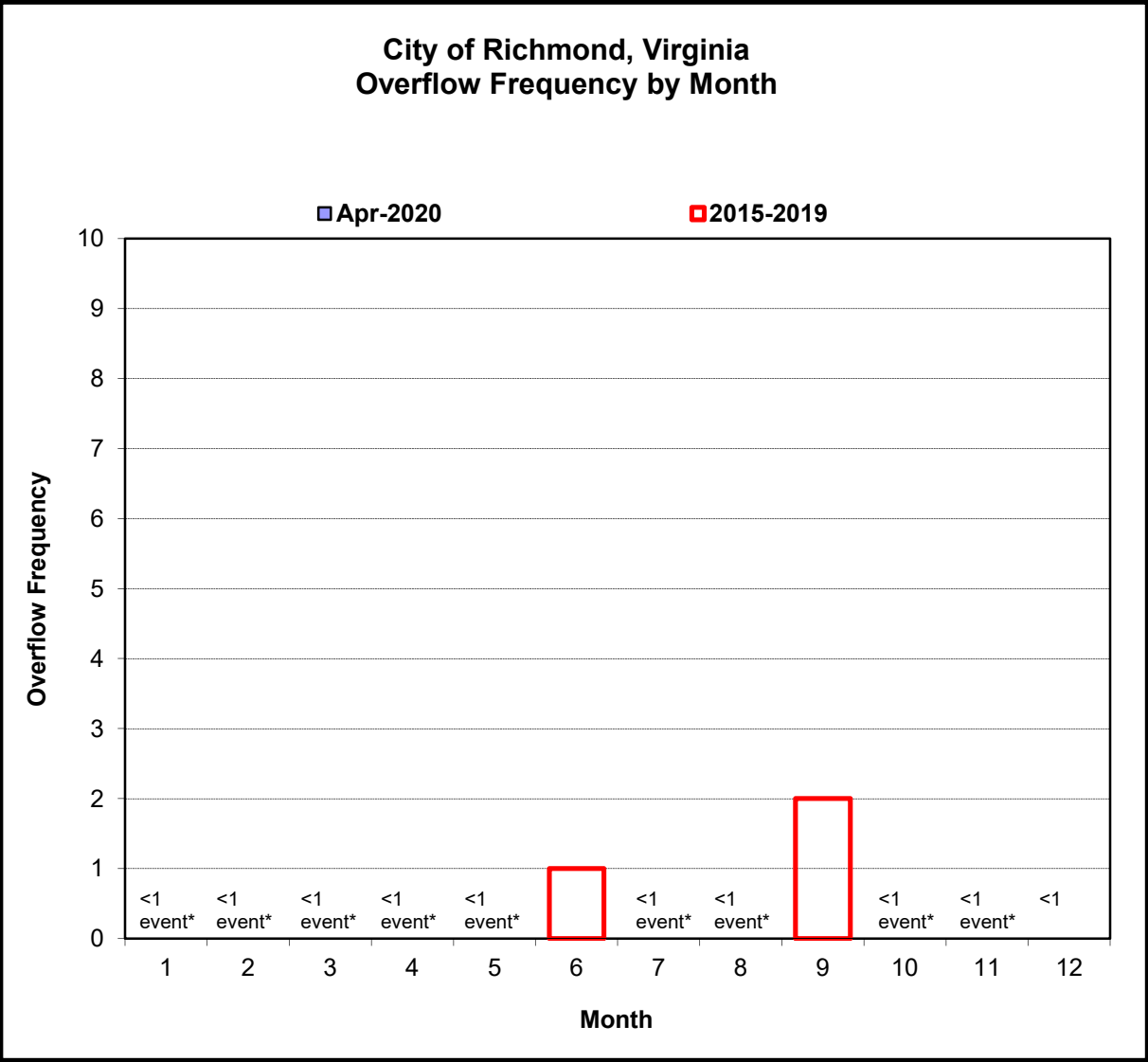
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO20 - Mc Cloy  
Overflow Model Summary  
Current Month: April 2020**

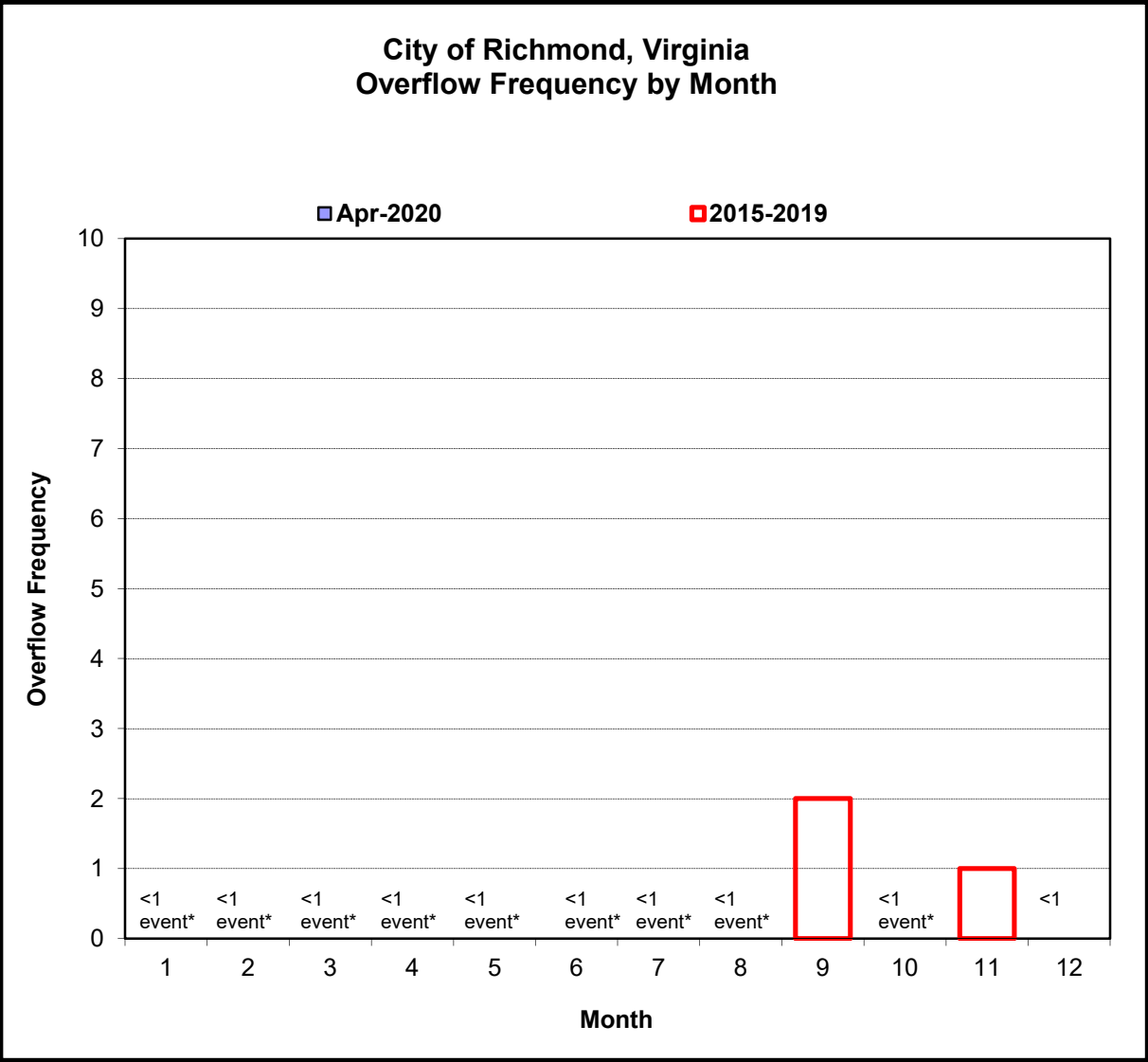
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.



**CSO21 - Gordon Ave  
Overflow Model Summary  
Current Month: April 2020**

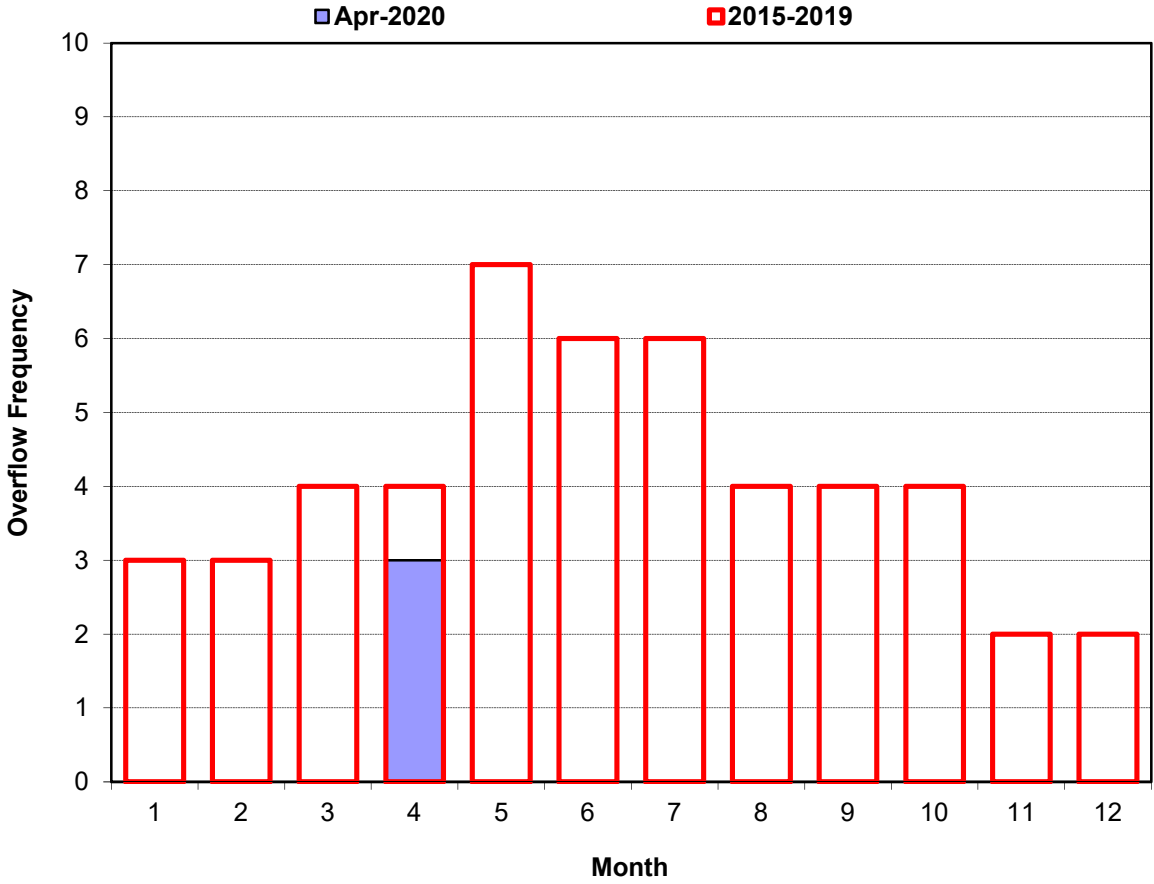
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.12	0.25
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	10.00	4.83
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	13.80	7.00

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	23.90	12.08

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO24 - Gillies & Varina  
 Overflow Model Summary  
 Current Month: April 2020**

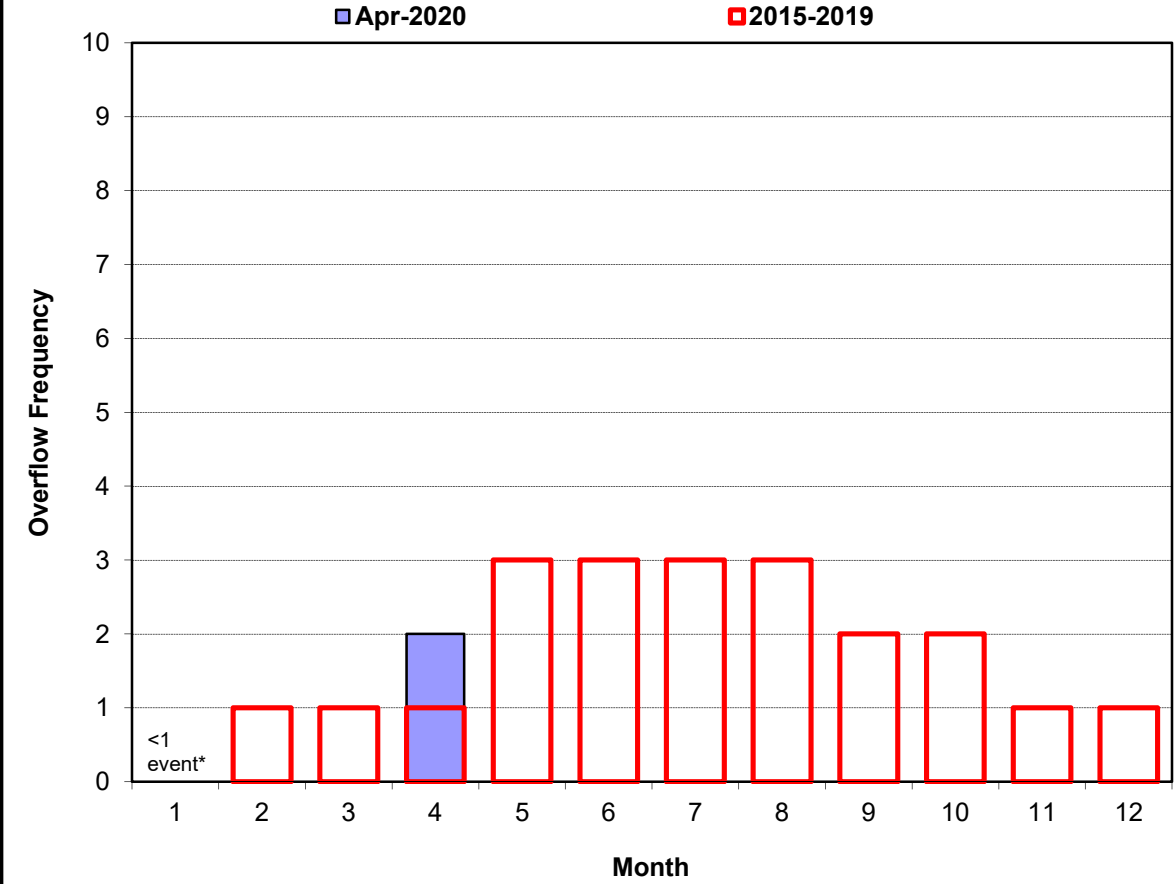
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.26	2.33
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.18	3.33

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
2	4.71	17.50	1.68	0.44	5.67

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO25 - Briel & Gillies Cr  
 Overflow Model Summary  
 Current Month: April 2020**

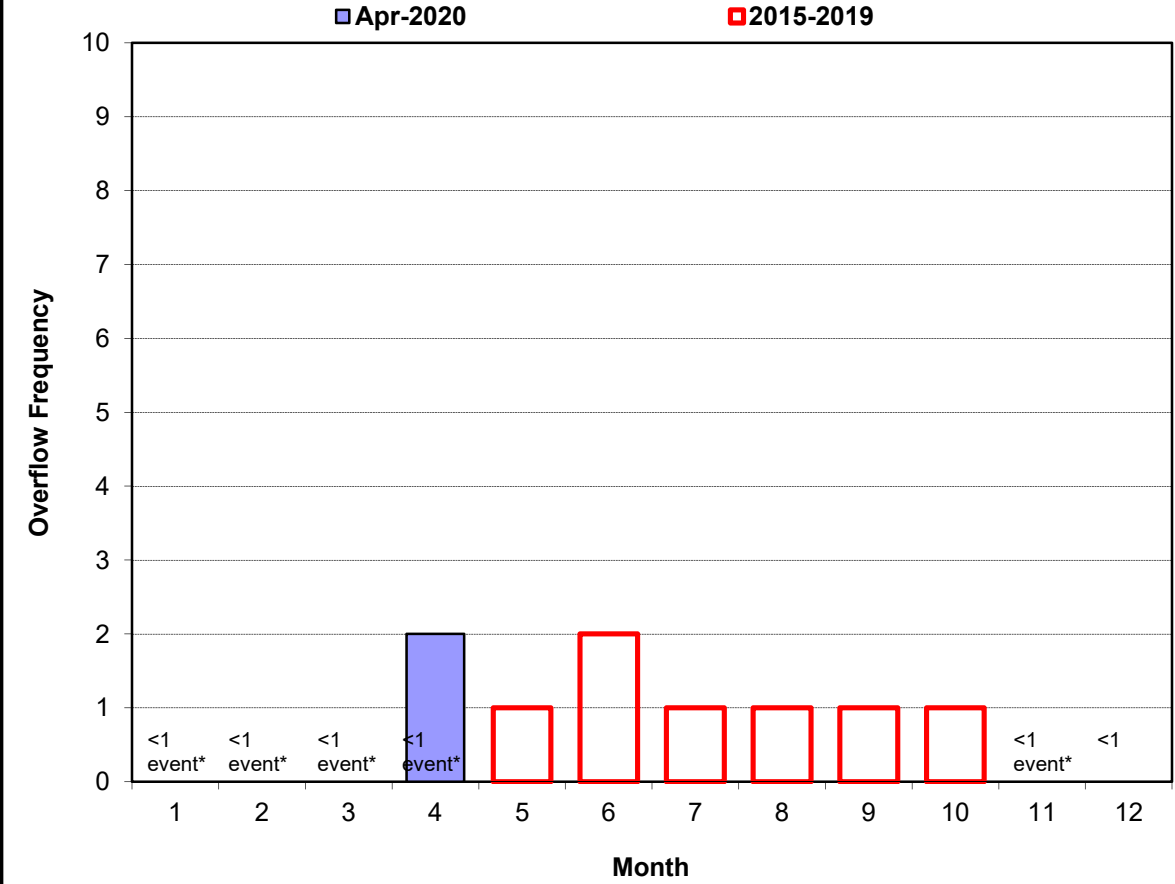
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.13	1.67
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.04	2.08

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
2	4.71	17.50	1.68	0.17	3.75

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO26 - Govt Road & NSRR  
Overflow Model Summary  
Current Month: April 2020**

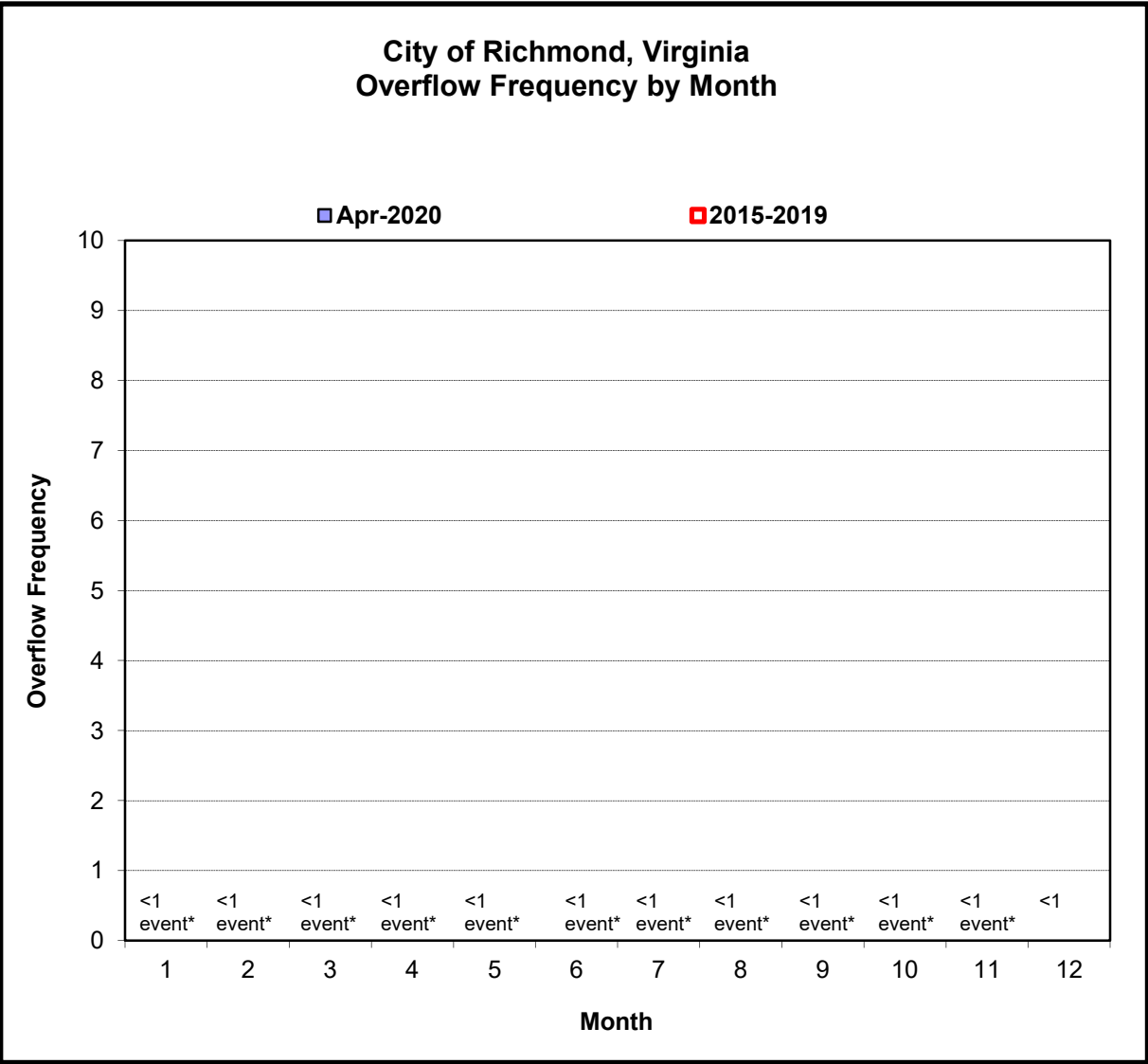
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.



**CSO31 - Oakwood Cem  
Overflow Model Summary  
Current Month: April 2020**

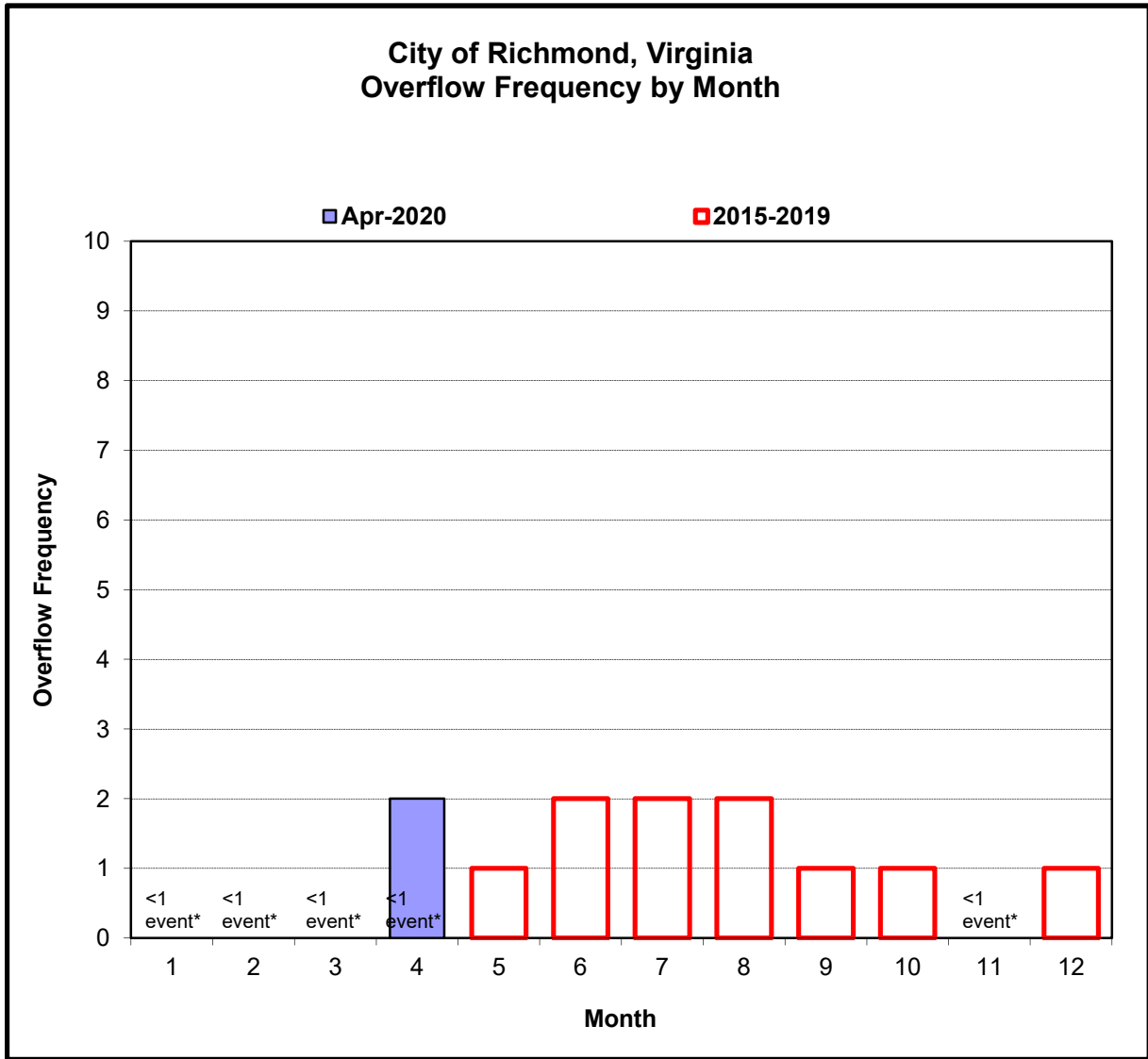
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.17	1.33
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.008	0.17

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
2	4.71	17.50	1.68	0.18	1.50

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO33 - Shields Lake  
Overflow Model Summary  
Current Month: April 2020**

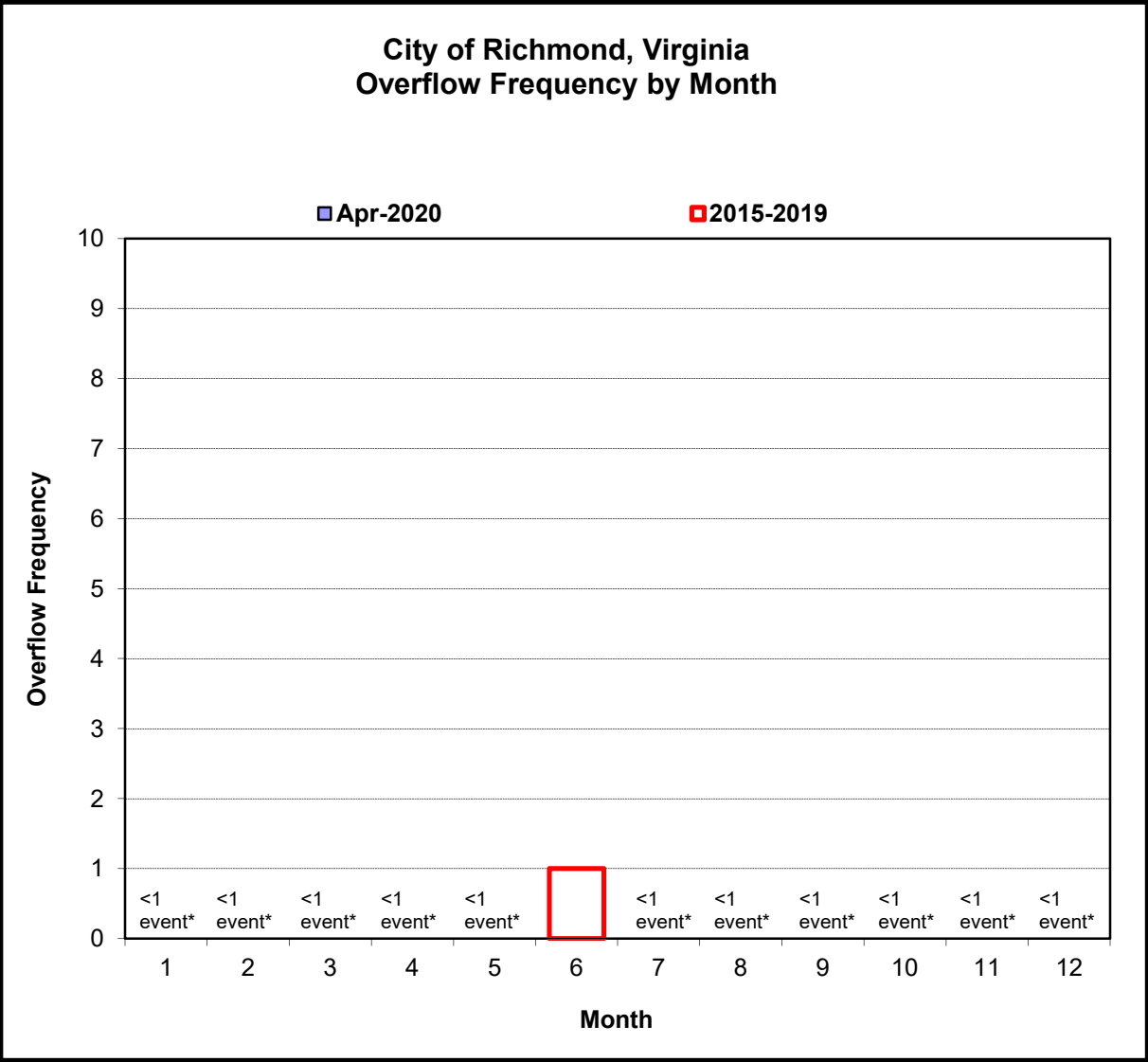
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO34 - 19th & Dock  
 Overflow Model Summary  
 Current Month: April 2020**

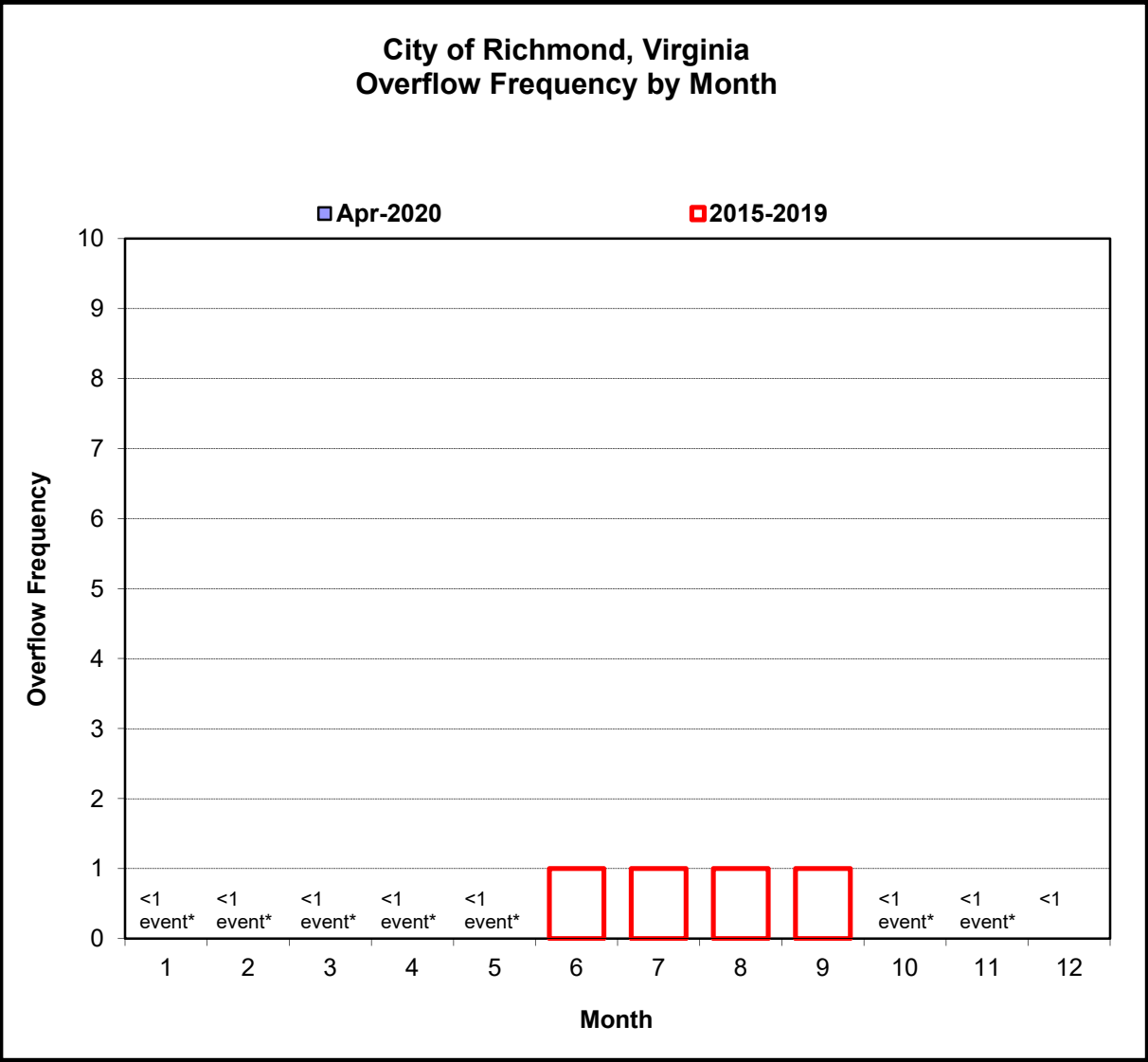
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20		1.40	3.25	1.68		
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
0	4.71	17.50	1.68	0.00	0.00

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.

**CSO35 - 29th & Dock  
Overflow Model Summary  
Current Month: April 2020**

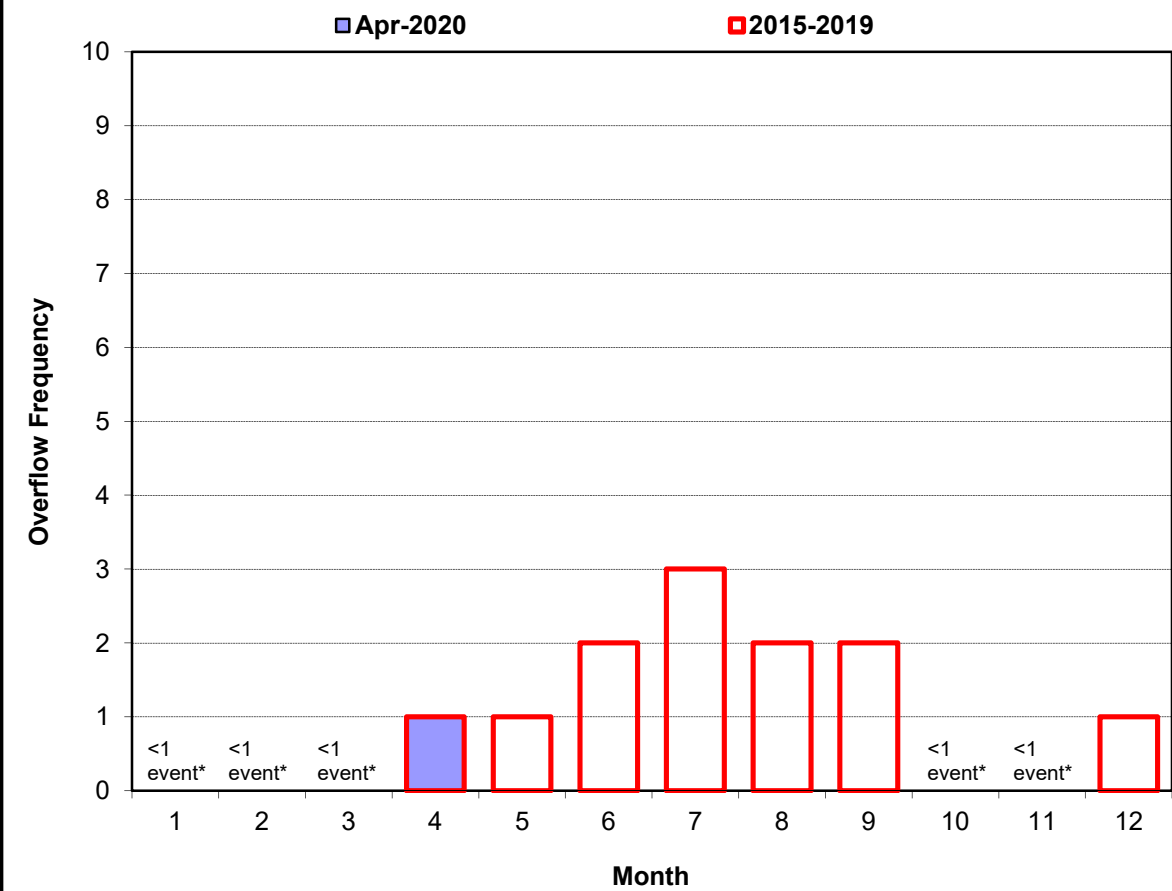
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20		0.22	0.33	1.56		
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.005	1.08
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20		1.70	5.50	0.96		

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
1	4.71	17.50	1.68	0.01	1.08

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



\* Average Overflow Frequency is less than once in the month.



**CSO39 - Govt Road & Gillies  
 Overflow Model Summary  
 Current Month: April 2020**

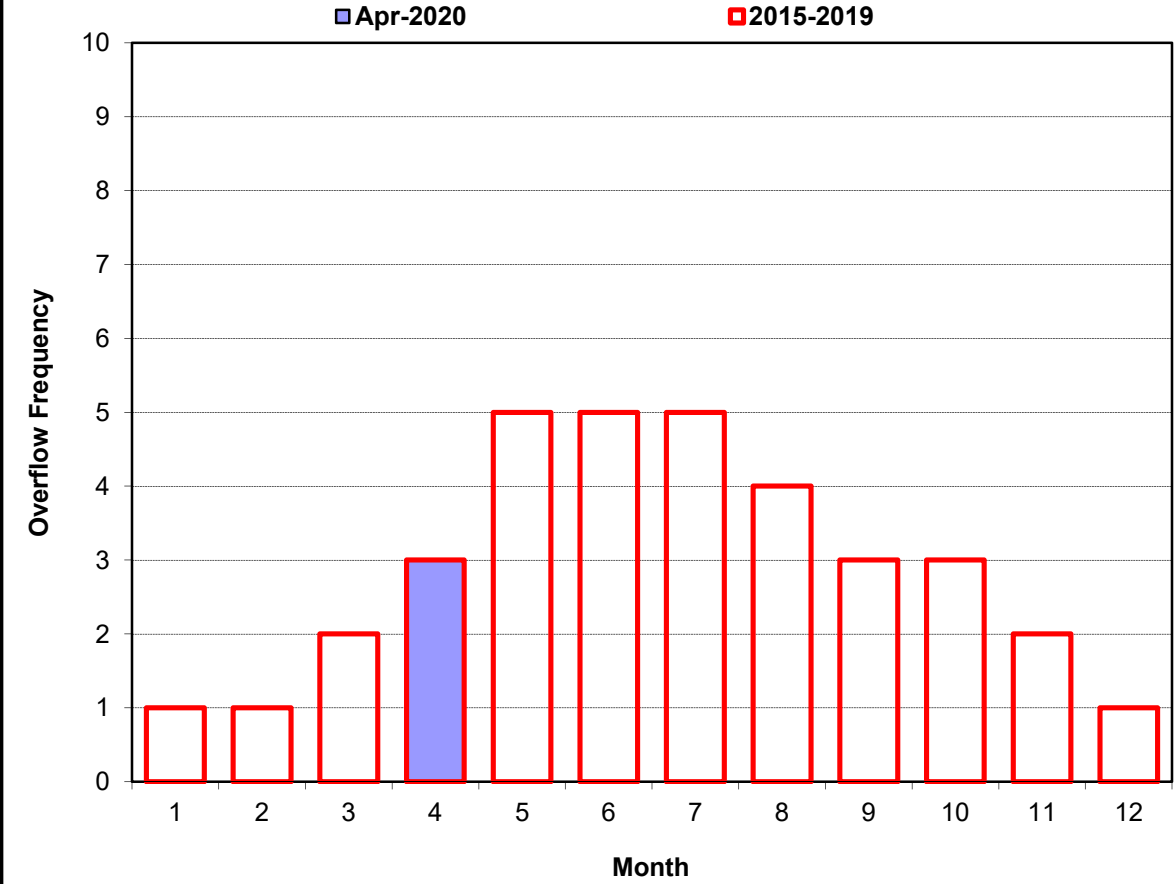
Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.01	0.25
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	0.64	2.92
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	0.56	4.92

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	1.2	8.08

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month



**CSO40 - Diff User**  
**Overflow Model Summary**  
**Current Month: April 2020**

Date	Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hr)
4/1/20		0.03	0.25	0.12		
4/2/20						
4/3/20						
4/4/20						
4/5/20						
4/6/20		0.06	0.25	0.36		
4/7/20	1	0.22	0.33	1.56	0.07	0.42
4/8/20		0.02	0.17	0.12		
4/9/20		0.03	0.25	0.12		
4/10/20						
4/11/20						
4/12/20		0.03	0.25	0.12		
4/13/20	1	1.40	3.25	1.68	3	4.83
4/14/20		0.06	0.25	0.36		
4/15/20		0.03	0.25	0.12		
4/16/20						
4/17/20						
4/18/20		0.08	0.58	0.24		
4/19/20						
4/20/20		0.36	2.25	0.24		
4/21/20		0.03	0.25	0.12		
4/22/20						
4/23/20		0.15	0.92	0.60		
4/24/20		0.23	1.00	0.72		
4/25/20		0.12	0.83	0.24		
4/26/20		0.15	0.83	0.36		
4/27/20		0.01	0.08	0.12		
4/28/20						
4/29/20						
4/30/20	1	1.70	5.50	0.96	2.2	6.25

**MONTH SUMMARY**

Num of Overflow	Rainfall <sup>(1)</sup> Total (in)	Hours of <sup>(1)</sup> Rainfall	Max. Rainfall <sup>(1)</sup> Intensity (in/hr)	Volume of Overflow (MG)	Duration of Overflow (hrs)
3	4.71	17.50	1.68	5.30	11.50

<sup>(1)</sup> Based on the NWS Station at Richmond Airport (KRIC ASOS) rainfall data.

### City of Richmond, Virginia Overflow Frequency by Month

