

High Water Levels at USGS Sites (2016 to Present)

Public Works Engineering Stormwater Extension



Last Update: 2/3/2026

Tidal flooding readings are shown when levels exceed 4.0'

Non-tidal flooding readings are shown when levels exceed 2.0' (with the exception of Salem Canal)

All elevations are shown in NAVD88

Thalia Creek at Virginia Beach Blvd (over 4'): [USGS](#)

1	5.43'	10/9/2016	Hurricane Matthew
2	4.91'	1/3/2022	One Day Nor'easter
		9/16/2025	Unnamed Coastal Storm
4	4.87'	9/6/2019	Hurricane Dorian
5	4.79'	9/3/2016	Hurricane Hermine
6	4.71'	10/12/2025	Mid-October Coastal Storm
7	4.21'	8/21/2025	Hurricane Erin
8	4.09'	10/3/2022	
9	4.04'	5/10/2022	

Little Neck Creek at Pinewood Rd (over 4'): [USGS](#)

1	4.53'	9/16/2025	Unnamed Coastal Storm
2	4.52'	9/6/2019	Hurricane Dorian
3	4.43'	10/9/2016	Hurricane Matthew
4	4.17'	10/13/2025	Mid-October Coastal Storm
5	4.12'	9/3/2016	Hurricane Hermine
6	4.10'	1/3/2022	One Day Nor'easter

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Owl Creek at Dredge Ops (over 4'): [USGS](#)

1	5.11'	1/3/2022	One Day Nor'easter
2	4.95'	9/6/2019	Hurricane Dorian
3	4.91'	9/3/2016	Hurricane Hermine
4	4.73'	8/21/2025	Hurricane Erin
5	4.65'	11/15/2024	
6	4.51'	5/29/2021	
7	4.38'	9/16/2025	Unnamed Coastal Storm
8	4.31'	10/19/2017	
		11/7/2021	
10	4.29'	9/23/2023	
11	4.22'	10/10/2021	
12	4.18'	5/5/2016	
		11/6/2021	
		10/3/2022	
		5/10/2024	
16	4.17'	9/27/2023	
17	4.15'	8/31/2023	
18	4.13'	9/9/2018	
19	4.12'	10/11/2019	
		9/19/2020	
21	4.11'	10/9/2016	Hurricane Matthew
22	4.08'	11/17/2019	
23	4.07'	9/21/2020	
24	4.04'	9/30/2022	

London Bridge Creek at Virginia Beach Blvd (over 4'): [USGS](#)

1	5.27'	10/9/2016	Hurricane Matthew
2	4.98'	9/16/2025	Unnamed Coastal Storm
3	4.94'	9/6/2019	Hurricane Dorian
4	4.74'	1/3/2022	One Day Nor'easter
5	4.54'	10/12/2025	Mid-October Coastal Storm
6	4.53'	9/3/2016	Hurricane Hermine
7	4.23'	10/3/2022	
8	4.14'	8/21/2025	Hurricane Erin
9	4.01'	5/10/2022	

Lynnhaven Inlet at Lynnhaven Boat Ramp (over 4') (since November 2019): [USGS](#)

1	4.57'	1/3/2022	One Day Nor'easter
2	4.46'	10/12/2025	Mid-October Coastal Storm
3	4.35'	9/16/2025	Unnamed Coastal Storm
4	4.06'	8/21/2025	Hurricane Erin

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Elizabeth River at Princess Anne Rd (over 4'): [USGS](#)

1	6.40'	10/9/2016	Hurricane Matthew
2	4.97'	9/3/2016	Hurricane Hermine
3	4.90'	1/3/2022	One Day Nor'easter
		9/16/2025	Unnamed Coastal Storm
5	4.68'	10/12/2025	Mid-October Coastal Storm
6	4.54'	9/6/2019	Hurricane Dorian
7	4.37'	9/21/2016	Tropical Storm Julia
8	4.25'	9/23/2023	
9	4.19'	4/1/2020	
		10/1/2022	
11	4.15'	11/15/2024	
12	4.10'	8/21/2025	Hurricane Erin
13	4.07'	5/30/2021	
14	4.06'	11/17/2019	
15	4.03'	5/10/2022	
16	4.00'	8/29/2017	

Canal #2 at International Pkwy (over 4'): [USGS](#)

1	5.34'	9/16/2025	Unnamed Coastal Storm
2	5.05'	9/6/2019	Hurricane Dorian
3	4.80'	1/3/2022	One Day Nor'easter
4	4.58'	10/12/2025	Mid-October Coastal Storm
5	4.31'	10/3/2022	
6	4.20'	8/21/2025	Hurricane Erin
7	4.06'	5/10/2022	
8	4.02'	4/1/2020	
		9/30/2022	
10	4.01'	11/17/2019	
11	4.00'	9/23/2023	

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West Neck Creek at Dam Neck Rd (over 4'): [USGS](#)

1	7.02'	10/9/2016	Hurricane Matthew
2	4.74'	9/16/2025	Unnamed Coastal Storm
3	4.55'	9/22/2016	Tropical Storm Julia
4	4.14'	9/6/2019	Hurricane Dorian
5	4.06'	9/3/2016	Hurricane Hermine

Beggars Bridge Creek at Muddy Creek Rd (over 2') (no data 10/17/2024 – 7/21/2025): [USGS](#)

1	2.88'	9/18/2018	Hurricane Florence
		4/20/2019	
3	2.71'	7/24/2018	
4	2.66'	5/2/2017	
5	2.50'	10/11/2018	Tropical Storm Michael
6	2.34'	8/4/2020	Hurricane Isaias
		6/27/2023	
8	2.33'	4/13/2020	
9	2.27'	4/12/2024	
10	2.25'	5/6/2017	
11	2.21'	6/11/2020	
12	2.18'	8/10/2024	
		9/28/2024	
14	2.13'	4/30/2020	
15	2.04'	7/13/2024	
16	2.00'	4/15/2019	

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North Landing River at Pungo Ferry Landing Park (over 2'): [USGS](#)

1	2.95'	10/11/2018	Tropical Storm Michael
2	2.92'	9/18/2018	Hurricane Florence
3	2.85'	8/4/2020	Hurricane Isaias
4	2.79'	4/13/2020	
5	2.77'	4/20/2019	
6	2.73'	7/24/2018	
7	2.64'	5/2/2017	
8	2.59'	4/30/2020	
		4/12/2024	
10	2.47'	9/27/2024	
11	2.38'	6/27/2023	
12	2.35'	1/9/2024	
13	2.34'	8/9/2024	
14	2.32'	5/6/2017	
15	2.13'	4/15/2019	
		6/11/2020	
17	2.10'	9/21/2016	
18	2.09'	7/12/2024	
19	2.08'	3/5/2025	
20	2.04'	2/28/2024	
21	2.03'	11/1/2019	
22	2.02'	10/14/2019	
		12/24/2020	
		6/23/2023	
25	2.01'	4/16/2018	

Salem Canal at S. Independence Blvd (since January 2026) (over 4'): [USGS](#)

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