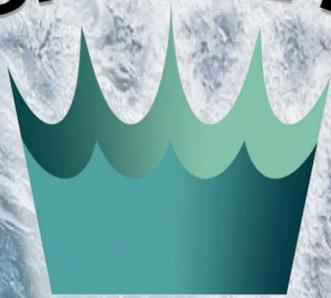


# CATCH THE KING



## 2019 Comprehensive Resource Packet

**Thank You to HRSD, AECOM, WHRO, and our many Sponsors:**



- 1. King Tide Calendar & Training Calendar** (<https://kinatide.whro.org/calendar>)
- 2. Tidal Flood Mapping Guide**
- 3. Quick-Reference Guide for Catch the King 2019**



# 2019 Virginia Fall Tidal Flooding Calendar



2019	Sun	Mon	Tue	Wed	Thu	Fri	Sat
AUGUST					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

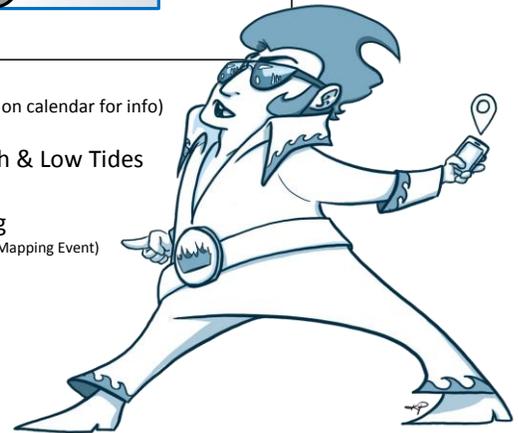
2019	Sun	Mon	Tue	Wed	Thu	Fri	Sat
SEPTEMBER	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					

2019	Sun	Mon	Tue	Wed	Thu	Fri	Sat
OCTOBER			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

2019	Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOVEMBER						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

- = Full Moon
- = New Moon
- = Lunar Perigee  
(period in lunar orbit where the moon is closest to Earth)
- = Super Moon  
(Harmonic Alignment between Perigee and Full/New moon; big highs & lows)

- = King Tide (click on calendar for info)
- = Amplified High & Low Tides
- = Catch the King  
(Annual King Tide Flood Mapping Event)



For more information on tides, contributing factors, and future flooding, visit:  
<https://www.vims.edu/kingtide>      <http://adaptva.org/info/forecasts>  
<https://kingtide.whro.org/faq>

*Click on a green highlighted King Tide period in the calendar to learn more about that period's predicted astronomical tidal peaks and troughs for an area in Virginia near you.*

View Our Up-To-Date Training Calendar

<https://kingtide.whro.org/calendar>



# 2019 Catch the King Hampton Roads Virginia



OCTOBER 27, 2019

## WHERE TO MAP

- Public parks with shorelines
- Public boat ramps & landings
- Public streets & parking lots prone to flooding
- Your own backyard shoreline
- Other private shorelines *with permission*

*See Find Places to Map*

## WHEN TO MAP

- Up to 30 minutes before and after predicted time for high tide
- See Find Tide Predictions for Current Day &  
How to Find Tide Predictions in Advance*

## STAY SAFE WHILE MAPPING

- Do not venture outside during extreme storm events
- Map alone if you want, but we recommend a mapping buddy
- Adult supervision for anyone under 18
- Dress for the weather & wear sturdy shoes that can get wet
- Don't climb on rocks or over fences
- Have someone watch out for traffic when mapping flooded roads & parking lots
- Protect your device from the elements & dropping in the water
- Avoid trespassing on private property



# 2019 Catch the King Hampton Roads Virginia



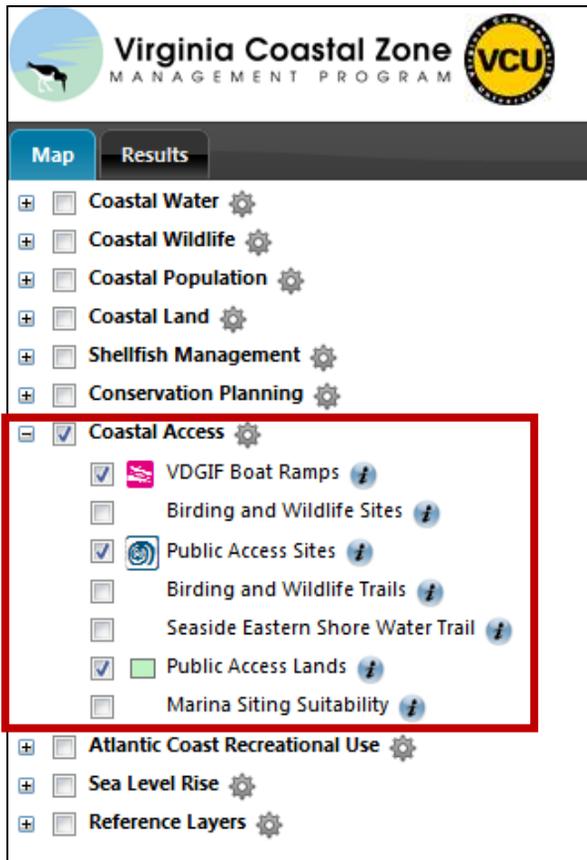
OCTOBER 27, 2019

## FIND PLACES TO MAP

Virginia Coastal Geospatial and Educational Mapping System (GEMS)

If this is your first visit to Virginia Coastal GEMS, please read our [disclaimer](#) before entering the GEMS application

Click here to [Launch Coastal GEMS](#)



Be patient while map loads

Click on  next to **Coastal Access** to expand list

Check boxes next to

- Coastal Access
- VDGIF Boat Ramps
- Public Access Sites
- Public Access Lands

Click for more information

Continue on next page

What Is 'Coastal GEMS'? [www.coastalgems.org](http://www.coastalgems.org)

- § A gateway to Virginia's coastal resource data and maps; coastal laws and policies; facts on coastal resource values; and direct links to collaborating agencies responsible for current data.
- § A growing inventory of water and land based natural resources, conservation planning tools, and planning examples that can help us to protect Virginia's coastal ecosystems.
- § A tool to promote community involvement and environmental education.



# 2019 Catch the King Hampton Roads Virginia

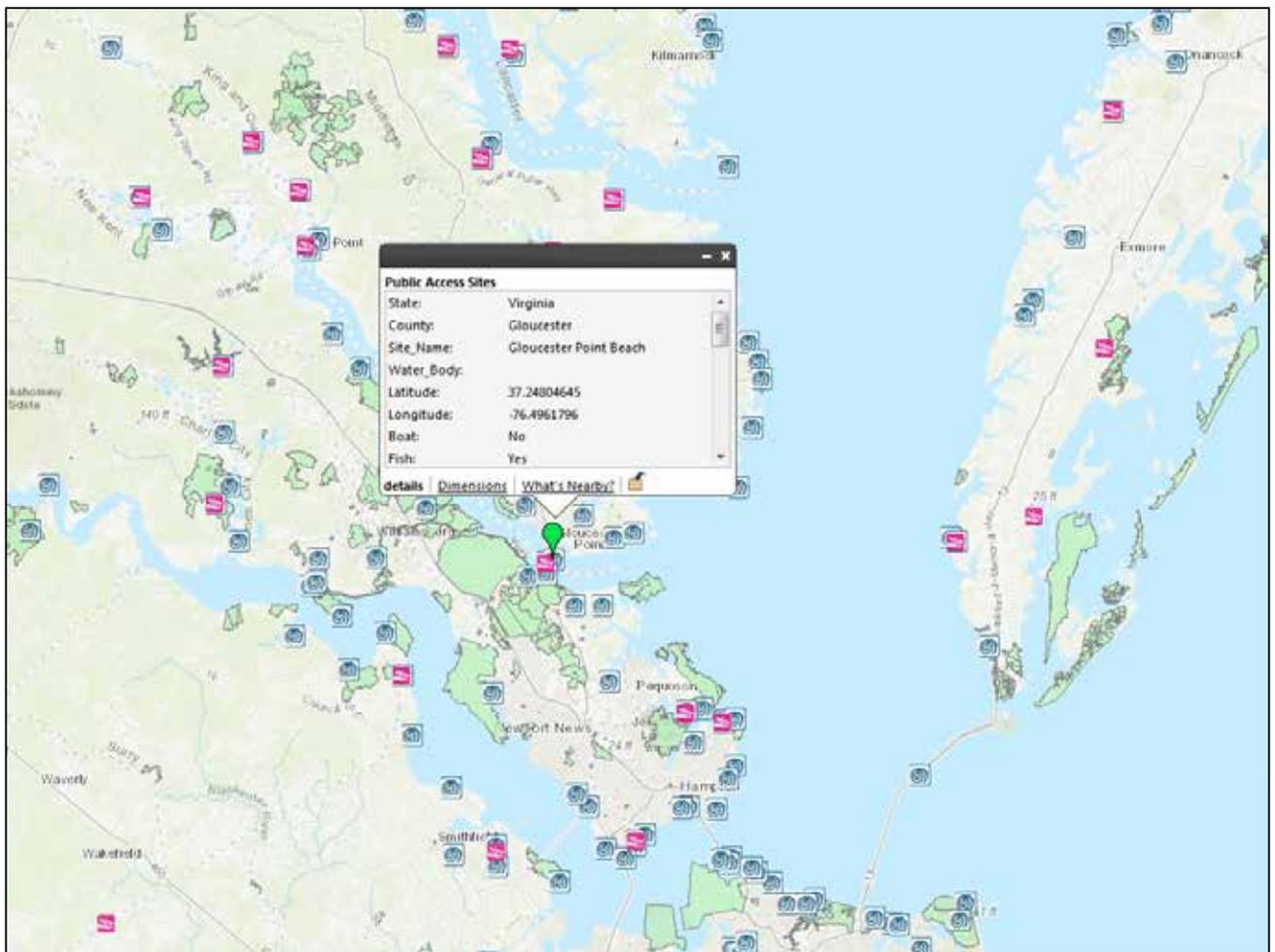


OCTOBER 27, 2019

## FIND PLACES TO MAP

Virginia Coastal Geospatial and Educational Mapping System  
(GEMS)

*After selecting Coastal Access sites, zoom in to target area  
Click on map icons for more details*



*Note: Some Public Access Lands (green areas) require permission – see details*



# 2019 Catch the King Hampton Roads Virginia



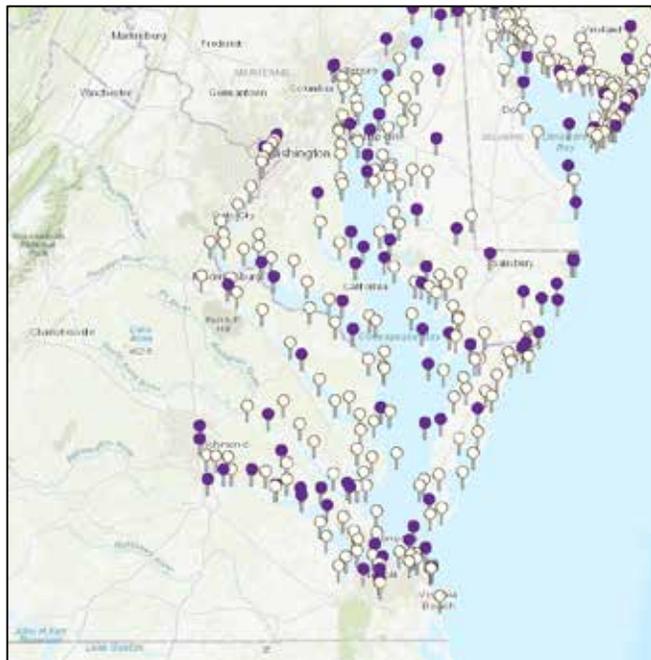
OCTOBER 27, 2019

## FIND TIDE PREDICTIONS

*Use this map link on October 27 before heading out*

### [NOAA Tide Prediction Stations in Virginia](#)

*Be patient while map loads twice to show purple and white pins*



*Click on a pin for Current Day tides*

Messick Point, Back River, VA  
[8638051] Station Home More Data

**Today's Tides**

Time	Tide	Height
12:04 AM	High	2.81 ft
6:19 AM	Low	0.00 ft
12:33 PM	High	3.23 ft
<b>7:06 PM</b>	<b>Low</b>	<b>0.15 ft</b>

**Recent Data**

Next Tide at 7:06 PM: Low 0.15 ft

Standard Metric  Auto-Refresh



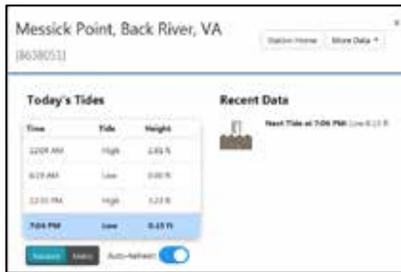
OCTOBER 27, 2019

## HOW TO FIND TIDE PREDICTIONS IN ADVANCE for October 27

Use this map link

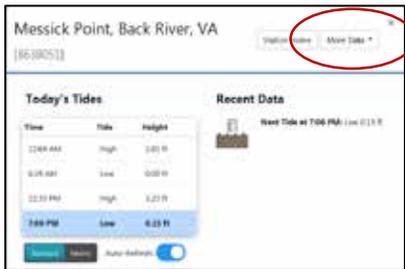
### [NOAA Tide Prediction Stations in Virginia](#)

1



Click on a pin for  
Current Day tides

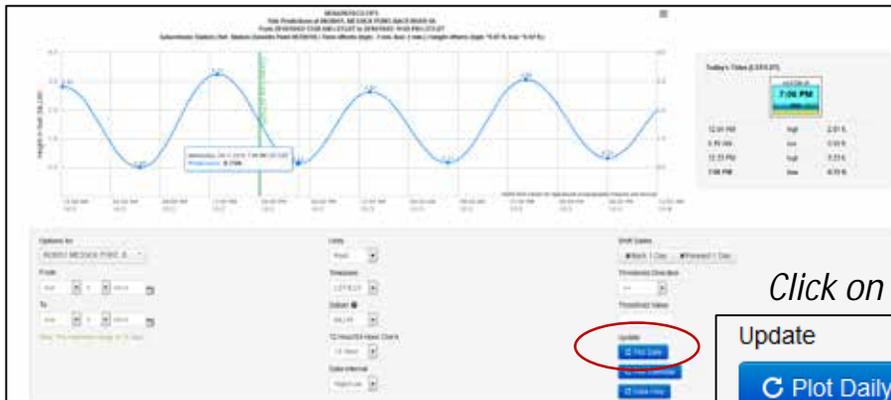
2



Click More Data – select Tide Predictions  
Wait for tide plot to load

3

Change dates  
From Oct 27  
To Oct 27



4

Click on

Update  
**Plot Daily**

5



Plot refreshes to show predicted  
tides for October 27, 2019  
Hover over blue square at top of  
curve to see predicted time of high  
tide

# Mapping Cheat Sheet

