



APPLICATION FORM

All applications must include the following information. Separate applications must be submitted for each eligible program. **Deadline: June 1, 2018.** Please include this application form with electronic entry. If you do not receive an email confirming receipt of your entry within 3 days of submission, please contact [Gage Harter](#).

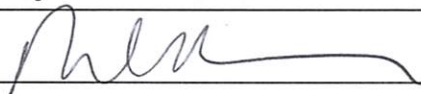
PROGRAM INFORMATION

County: York County
Program Title: Significant Event Briefing Dashboard
Program Category: Criminal Justice and Public Safety

CONTACT INFORMATION

Name: Stephen P. Kopczynski
Title: Fire Chief
Department: Fire & Life Safety
Telephone: 757-890-3600 Website: www.yorkcounty.gov/fls
Email: flsafety@yorkcounty.gov

SIGNATURE OF COUNTY ADMINISTRATOR OR DEPUTY/ASSISTANT COUNTY ADMINISTRATOR

Name: Neil A. Morgan
Title: County Administrator
Signature: 

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Nomination Summary
York County, Virginia**

Program Title: Significant Event Briefing Dashboard

Program Category: Criminal Justice & Public Safety

Program Overview:

In 2017, the York County Department of Fire and Life Safety/Office of Emergency Management identified the need for a concise significant event situational electronic briefing “dashboard” for major emergencies/disasters that have the potential of or actually impact our locality. In order to meet this need, the electronic significant event briefing dashboard tool was developed. This dashboard incorporates data that has been obtained for authenticated sources, as well as local specific data/information so that the recipients can quickly find the critical information related to the event. Further, this allows them to meet their mission responsibilities related to the major emergency/disaster, ultimately being better prepared for action related to the incident. This comprehensive dashboard is electronically distributed to County staff/allied agencies with York County Emergency Operations Center (EOC) responsibilities and other responsibilities in the County Emergency Operations Plan (EOP), as well as external emergency management partners that have a need to know (i.e., military and Federal facilities within the geographic boundaries of the County, etc.). It is also provided to operational public safety management staff and senior County management.

1. The Problem/Need for the Program:

York County, Virginia (a Mid-Atlantic Coastal locality with a significant military presence) is at risk for a number of potential major emergencies/disasters. Whether it is a severe weather event such as a hurricane, nor’easter or winter storm, a terrorism event, an

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Nomination Summary
York County, Virginia**

incident at the Surry Nuclear Power Station, a serious hazardous materials emergency or a multitude of other types of significant circumstances, we must always be prepared to effectively respond and mitigate the situation. The multitude of risks to York County requires constant planning/preparation, vigilance and the ability to effectively respond, as well as recover. In the past, the Department of Fire and Life Safety/Office of Emergency Management kept staff informed about potential or actual major emergencies/disasters through an e-mail process that required the crafting of an e-mail narrative that was not always consistent, may not have included extensive graphics and was not necessarily easy to quickly obtain a “snap shot” of the situation. While this form of communication provided necessary critical information, it required quite a bit of staff work to write and was not always recipient-friendly. The Department of Fire and Life Safety/Office of Emergency Management felt it was vital to ensure that County staff/allied agencies with York County Emergency Operations Center (EOC) responsibilities and other responsibilities in the County Emergency Operations Plan (EOP), as well as external emergency management partners that have a need to know (i.e., military and Federal facilities within the geographic boundaries of the County, etc.), were provided with accurate information so that they could quickly “develop a mental picture” and become aware of the situation’s current status, as well as future potential impact. Those agencies/associated personnel with responsibilities during a major emergency/disaster require concise and accurate information so that they understand situational assessments and action plans. This tool or dashboard now provides that easy to use quick view to critical staff in a manner much improved over previous methods of providing situational awareness.

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Nomination Summary
York County, Virginia**

2. Program Development:

The “Significant Event Briefing Dashboard” uses near real-time information from official/authenticated sources and hazard modeling software such as Aloha and Marplot. The briefing tool contains concise, clear information based on the hazard. This tool allows recipients/users to quickly develop a mental picture and become aware of the situation’s current status, as well as future potential impact. As a result, staff is able to better develop strategies related to County actions, public preparedness messaging/information, evacuation/sheltering decisions, routine government/school operations and/or closing decisions/modifications. Further, the dashboard provides the ability to share important messages, such as those from the County Administrator and Emergency Management.

3. Cost of the Program:

There was no cost to administer this program, other than committing staff resources to develop the product.

4. The Results/Success of the Program:

The York County Department of Fire and Life Safety/Office of Emergency Management received numerous emails and words of appreciation for this important initiative from employees, department heads and other allied organization representatives. The positive feedback helped to highlight the importance of this program County staff and other emergency management partners.

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York County, Virginia**

Due to the ability to coordinate, collaborate and engage with other departments/agencies/organizations, the County is able to deliver critical situational awareness, planning and preparedness information to the broad group of personnel and entities involved in major emergencies/disasters that could affect and/or are affecting York County. Although this is not exactly measurable in statistical numbers, it is evident that there is an invaluable improvement to the local emergency management system. This new dashboard has increased everyone's awareness of their role and provided them with confidence in the system and their abilities. Due to the success of this program, we are able to share a true common operating picture to necessary organizations and their staff.

5. Worthiness of an Award:

This initiative is deserving of an award due to the increased communications and collaboration it provides for County government. The ability to develop and disseminate information that fosters a common operating picture provides a more effective system of information sharing ultimately improving the overall emergency management planning, preparedness, response and recovery system in York County, Virginia. Communications is always identified as an area that needs improvement after any significant event. This product allows concise and consistent information to be shared in a short time period, thereby increasing effectiveness, efficiency and safety.

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Nomination Summary
York County, Virginia**

6. Worthiness of an Award:

During significant events, the County's Office of Emergency Management (of the Department of Fire and Life Safety) provides updates to county staff/allied agencies involved in the York County Emergency Operations Center who have responsibilities as directed in our Emergency Operations Plan. These updates are also provided to our partners/stakeholders, such as military and federal facilities within our geographic boundaries. In evaluating the updates, Emergency Management staff determined a more helpful briefing dashboard could be provided to these individuals/groups to help them better understand the event. Of course, better understanding leads to better preparedness. The dashboard includes data obtained from reliable and authenticated sources and is paired with region and locality specific information. These updates are provided via email allowing for quick delivery and receipt of the information.



Significant Weather Event

Friday, March 2, 2018

Nor'easter Brief #2

- ✓ Wind Advisory for all inland areas
- ✓ Storm Warning expanded into the Bay
- ✓ Upgraded coastal impacts to "significant" due to combined tides and waves

York County Department of Fire and Life Safety/Emergency Management

Email: flsafety@yorkcounty.gov

Phone: 757-890-3600

FOR OFFICIAL USE ONLY

EOC Status: Standby

EOC Number: 757-890-3530

Local Situation

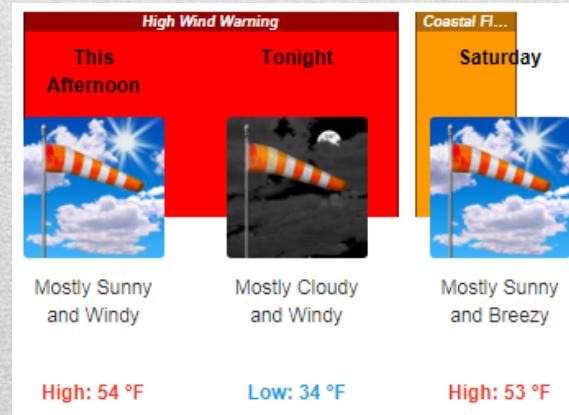
Current Conditions

- **This Afternoon**-Mostly sunny, with a high near 54. Windy, with a northwest wind around 33 mph, with gusts as high as 60 mph.
- **Tonight**-Mostly cloudy, with a low around 34. Windy, with a northwest wind 23 to 29 mph, with gusts as high as 47 mph.
- **Saturday**-Mostly sunny, with a high near 53. Breezy, with a northwest wind 20 to 22 mph, with gusts as high as 34 mph.




Local Forecast



Extended Forecast



MAIN POINTS

Hazard	Impacts	Location	Timing
Wind 	<p>Damage to weak structures, trees, and power lines/possible. Power outages due to wind gusts of 50 to 65 mph</p> <p>Some trees and power lines down inland from coast due to 40 to 50 mph wind gusts</p>	<p>Coastal VA/MD Eastern Shore/NE NC and areas along/north I-64 in central/SE VA.</p> <p>South-Central VA</p>	<p>Into early Saturday</p>
Coastal Flooding 	<p>Prolonged water Level rises around 1.5 to 2.5 feet above normal tide, causing moderate tidal flooding.</p> <p>Large waves will result is significant coastal erosion and damage.</p>	<p>Areas adjacent to the Chesapeake Bay, Atlantic Ocean, and the lower James River</p>	<p>Saturday morning thru Sunday afternoon</p>
Marine 	<p>Wind gusts 50-55 knots with seas to up to 15+ ft in the coastal waters and 7+ ft in the bay will make it dangerous for even large ships</p>	<p>All Coastal Waters and Chesapeake Bay</p>	<p>Through Midday Saturday</p>

****Based on National Weather Service predictions****

SUMMARY OF GREATEST IMPACTS



Wind: Immediate Coast

None	Limited	Elevated	Significant	Extreme
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Wind: Inland

None	Limited	Elevated	Significant	Extreme
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Coastal Flooding: Immediate Coast Sat/Sun

None	Limited	Elevated	Significant	Extreme
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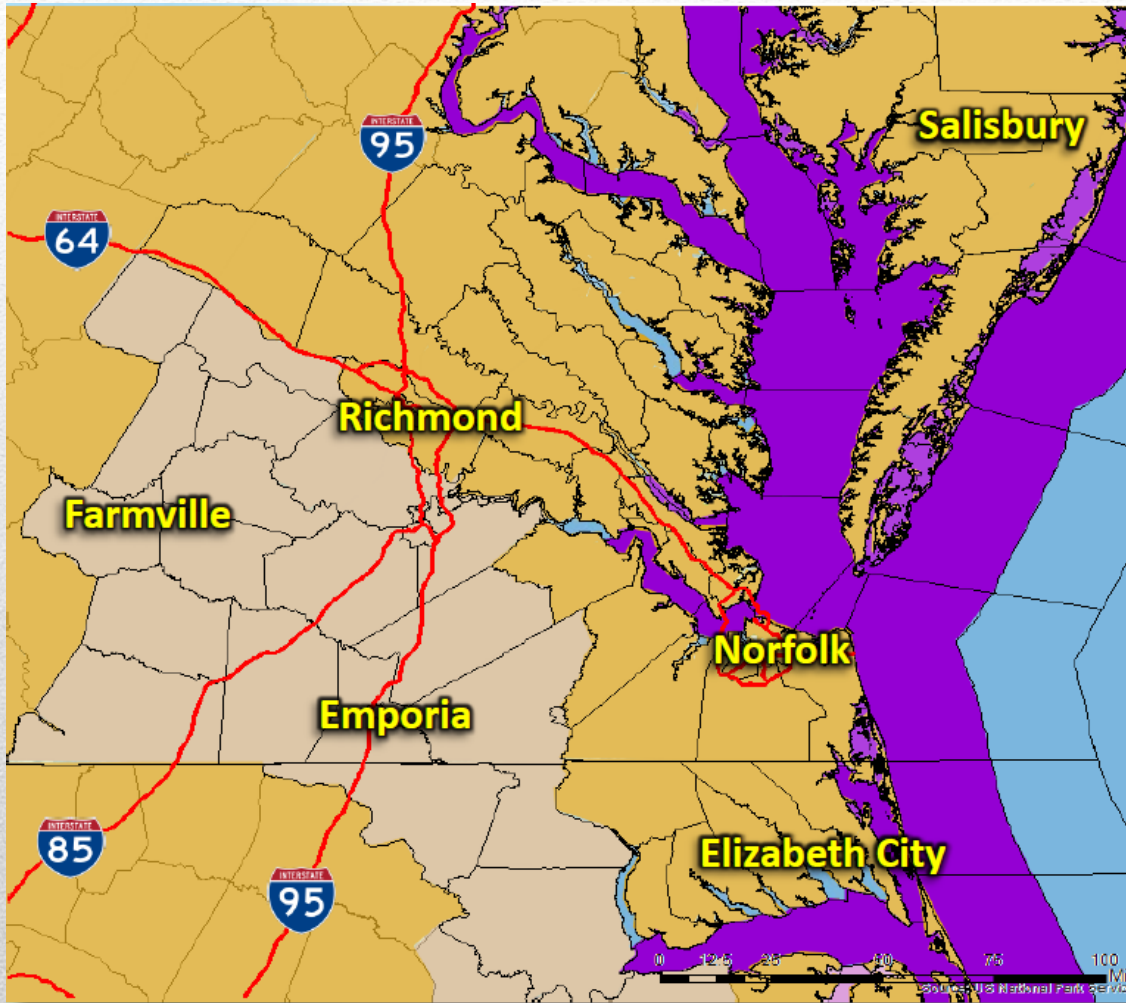


Marine: All waters

None	Limited	Elevated	Significant	Extreme
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Hazard Overview

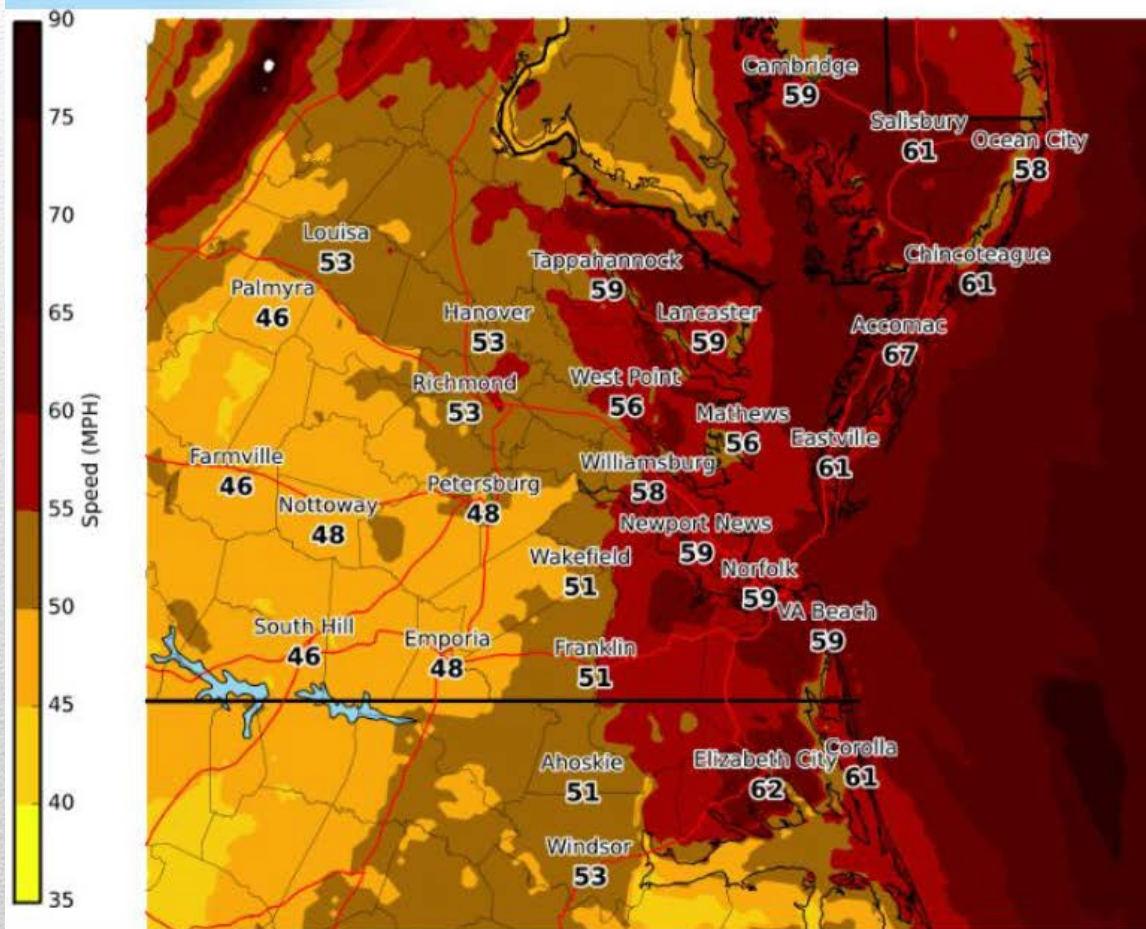


-  High Wind Warning
-  Storm Warning
-  Gale Warning
-  Wind Advisory

- A High Wind Warning and Storm Warning are in effect tonight into Saturday morning.
- A Wind Advisory is in effect for portions of South Central VA tonight into Saturday morning.
- **A Coastal Flood Warning is in effect Saturday and Sunday.**

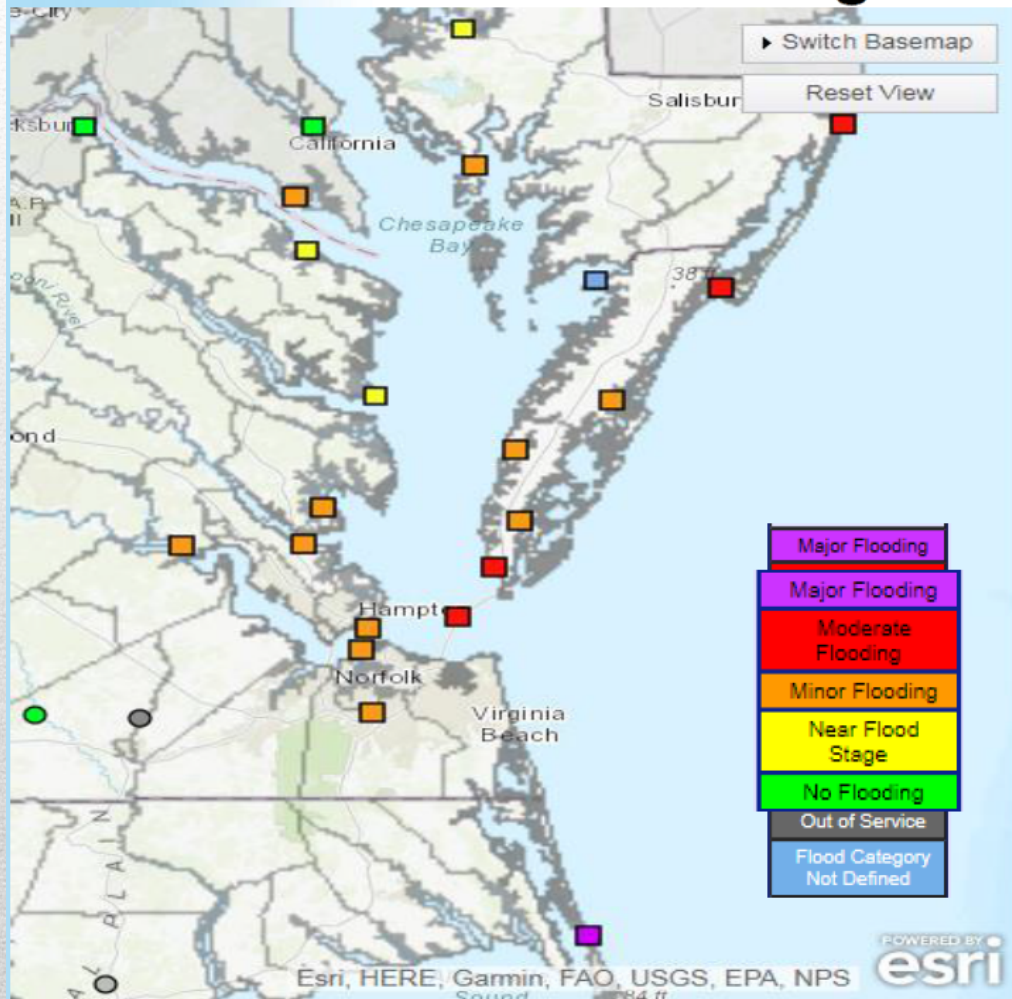
High Wind Potential

Max Wind Gusts (MPH)



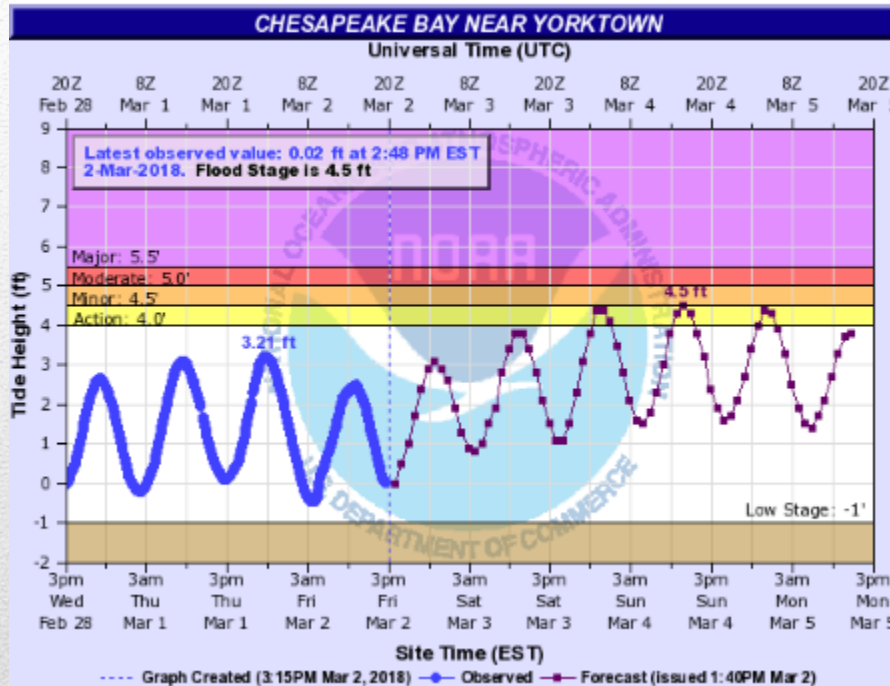
- **Timing:** Strong winds will persist this afternoon into tonight.
- **Location:** Strongest winds gusting to 55-65 mph will be confined to areas along the coast, Chesapeake Bay, and on the lower Eastern Shore.
- **Impacts:** Damage to weak structures, trees, and power lines/possible power outages due to wind gusts of 45 to 65 mph.

Coastal Flooding

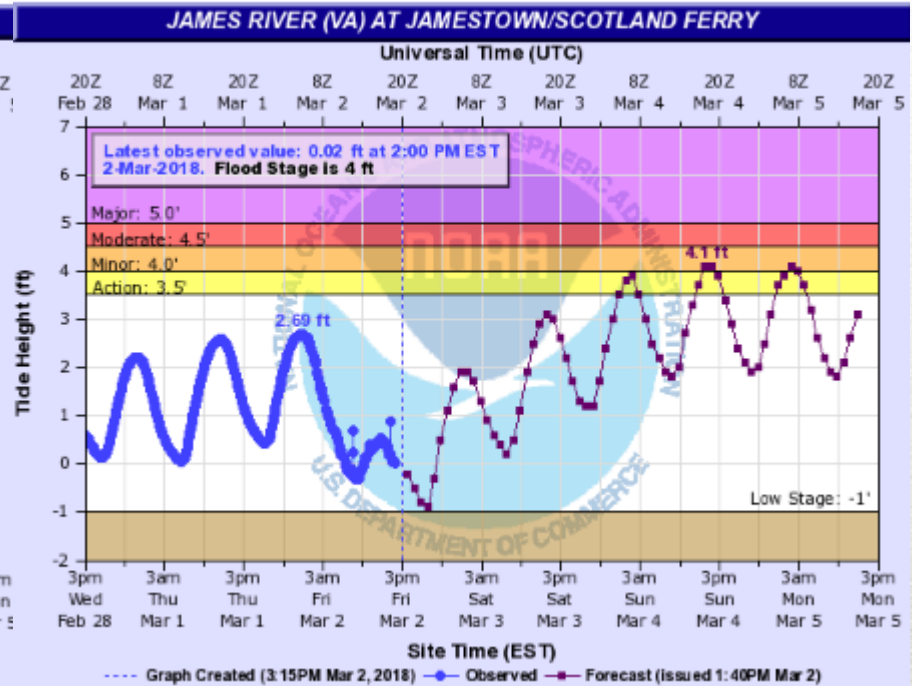


- ✓ **A Coastal Flood Warning is now in effect from Saturday morning thru Sunday afternoon.**
- ✓ **Location:** Areas adjacent to the Atlantic Ocean, the lower Chesapeake Bay, and lower James River.
- ✓ **Timing:** Water levels (1.5 to 2.5 feet above normal) will occur for a prolonged period of time from late tonight thru Sunday.
- ✓ **Impacts:** Expect inundation of roads and low lying property near the waterfront, severe beach erosion, with erosion of dune structures possible and some overwash.

Yorktown USCG VA (4.5', 5.0', 5.5')



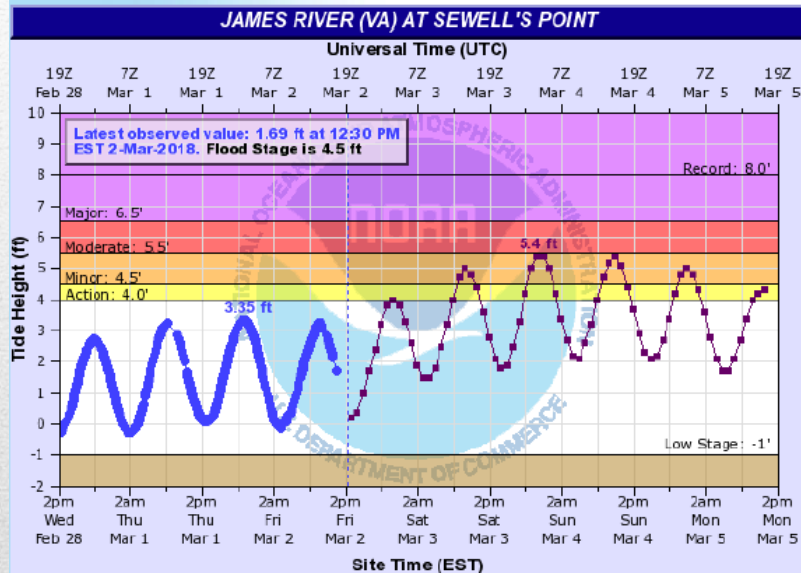
Jamestown VA (4.0', 4.5', 5.0')



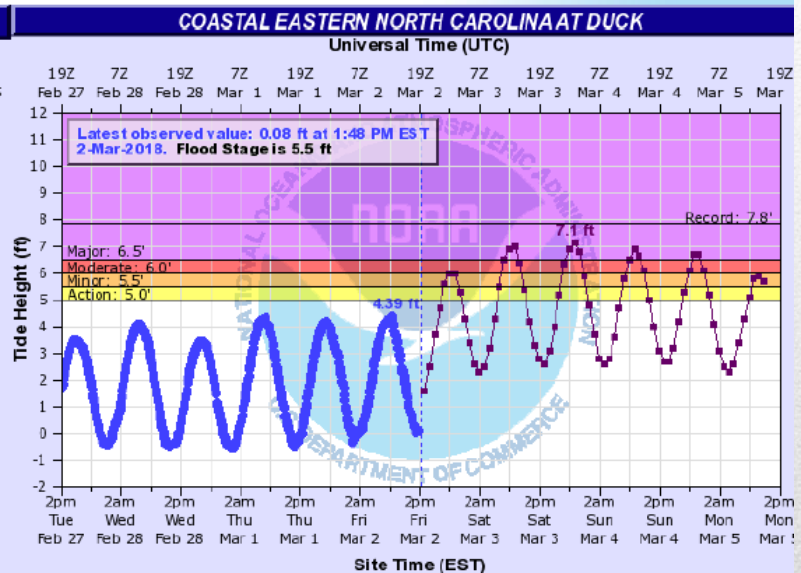
- ✓ **Moderate coastal flooding is expected .**
- ✓ **Coastal flooding will persist for a prolonged period starting Saturday morning lasting through the weekend into Monday morning.**
- ✓ **The combination of high tide levels and large waves will likely result in severe erosion of beaches and dunes structures along the coast and lower Bay. Some overwash and compromising of dune structures is possible.**

Coastal Flooding

Sewells Point, VA



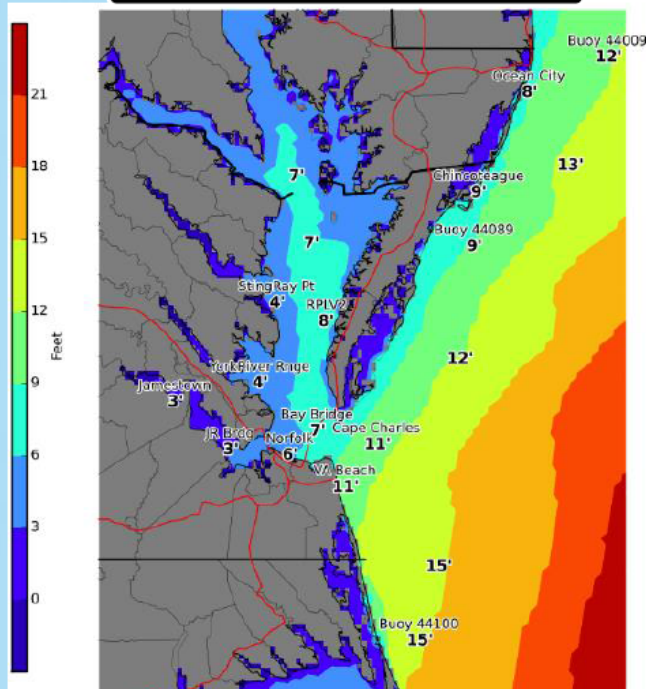
Corolla, NC



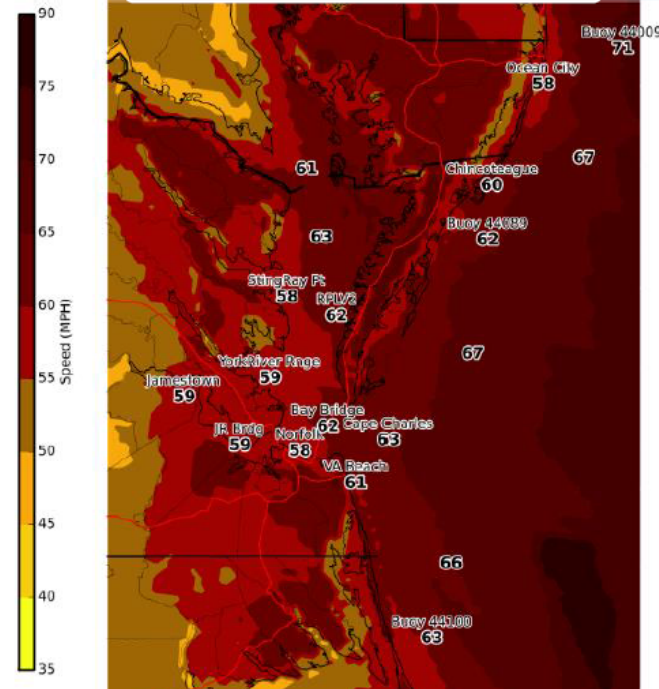
- ✓ Moderate coastal flooding is expected .
- ✓ Coastal flooding will persist for a prolonged period starting Saturday morning lasting through the weekend into Monday morning.
- ✓ The combination of high tide levels and large waves will likely result in severe erosion of beaches and dunes structures along the coast and lower Bay. Some overwash and compromising of dune structures is possible.

Marine Threat Potential

Max Wave Height (FT)



Max Wind Gust (MPH)



- ✓ **Timing:** Storm Conditions will persist through the night and slowly give way to Gale Conditions by late morning on Saturday.
- ✓ **Impacts:** Frequent gusts between 50-55 (60+ mph) knots will occur through the night. Seas will continue to build through the day on Saturday, reaching 10-15 feet by afternoon.

Summary

****Based on National Weather Service predictions****

A Nor'easter will affect the area tonight with impacts lasting through the weekend.

- ✓ **The threat for moderate tidal flooding and severe beach erosion is increasing. Prolonged high water and large waves from Saturday morning through Sunday and into early Monday could result in significant coastal damage to dunes and other structures with overwash likely in some areas.**
- ✓ **Winds will be strongest this afternoon into tonight with gusts up to 60+ mph at the coast and Bay, 45 to 55 mph across all of central VA.**
- ✓ **Dangerous boating conditions. Storm force wind gusts of 45 to 55 knots or more possible across the coastal waters with seas building as high as 15+ feet.**

Storm Impact: York County

Organization	Status
York County Public Schools	Open
York County Offices	Open
York County Parks	Open
York County Libraries	Open

EOC Status	County Staffing
Standby	Normal Staffing

Message from the York County Administrator/ York County Administrative Office
None at this time.
Message / Updates from the York County Office of Emergency Management
Use Caution when traveling, the evening commute and travel tomorrow may continue to be hazardous due to high winds (sustained and gusts) resulting in falling objects (i.e. tree limbs/trees etc.).
Power Outages
1600 customers without power in York County. Power Outage Map
Transportation
During the day roadways have been temporarily blocked at times during the day due to trees and/or power lines down. This may continue sporadically overnight and into Saturday.

Status Update: High winds on Friday and into Saturday may result in power outages and hazardous conditions. York County Office of Emergency Management will continue to monitor the situation and provide updates when applicable.