



The Virginian-Pilot
OUR SIXTH YEAR
SATURDAY 11:00 P.M.
PILOTLINE.COM
P.O. BOX 1000000, ROADS

Tracking models tilt in the region's favor, potentially sparing us the storm's brunt

SIZING UP SANDY

By James R. Kunkel / The Virginian-Pilot

preparation
The Virginia National Guard was called to active duty, and four platoons at the Hampton Roads Bridge-Tunnel were closed. Thousands of men, some from other states, helped deal with expected power outages.

when it's here
6"
Rainfall is forecast at around 6 inches, which means moderate flooding. If the peak surge were extreme, with high tide, 2 to 4 feet of water should be expected, and wind gusts could be great. The photo above shows Sandy off the coast of Florida on Friday.

online
For up-to-date changes and cancellations, visit us on the storm site: Pilot.com.

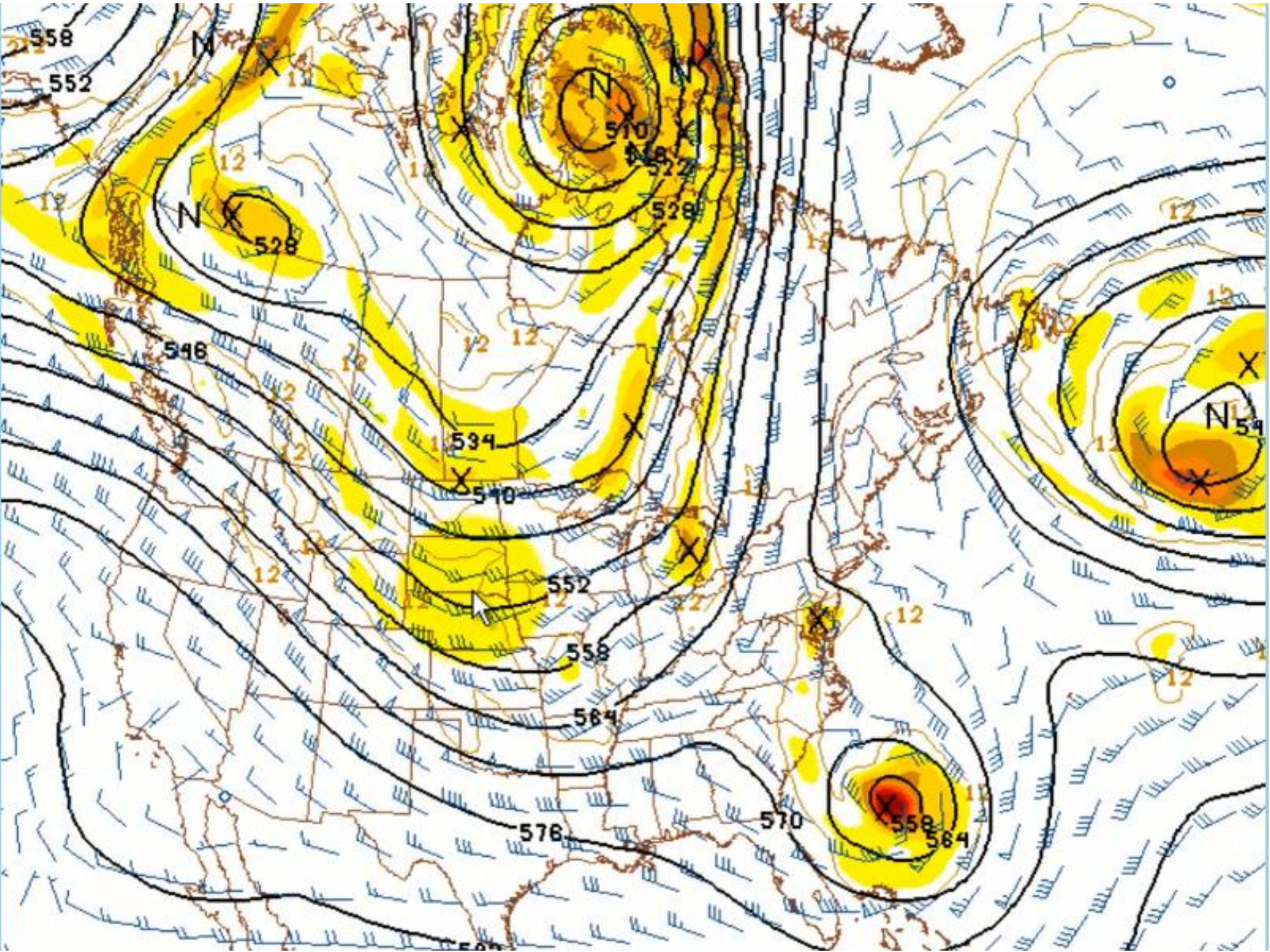
HURRICANE SANDY #20

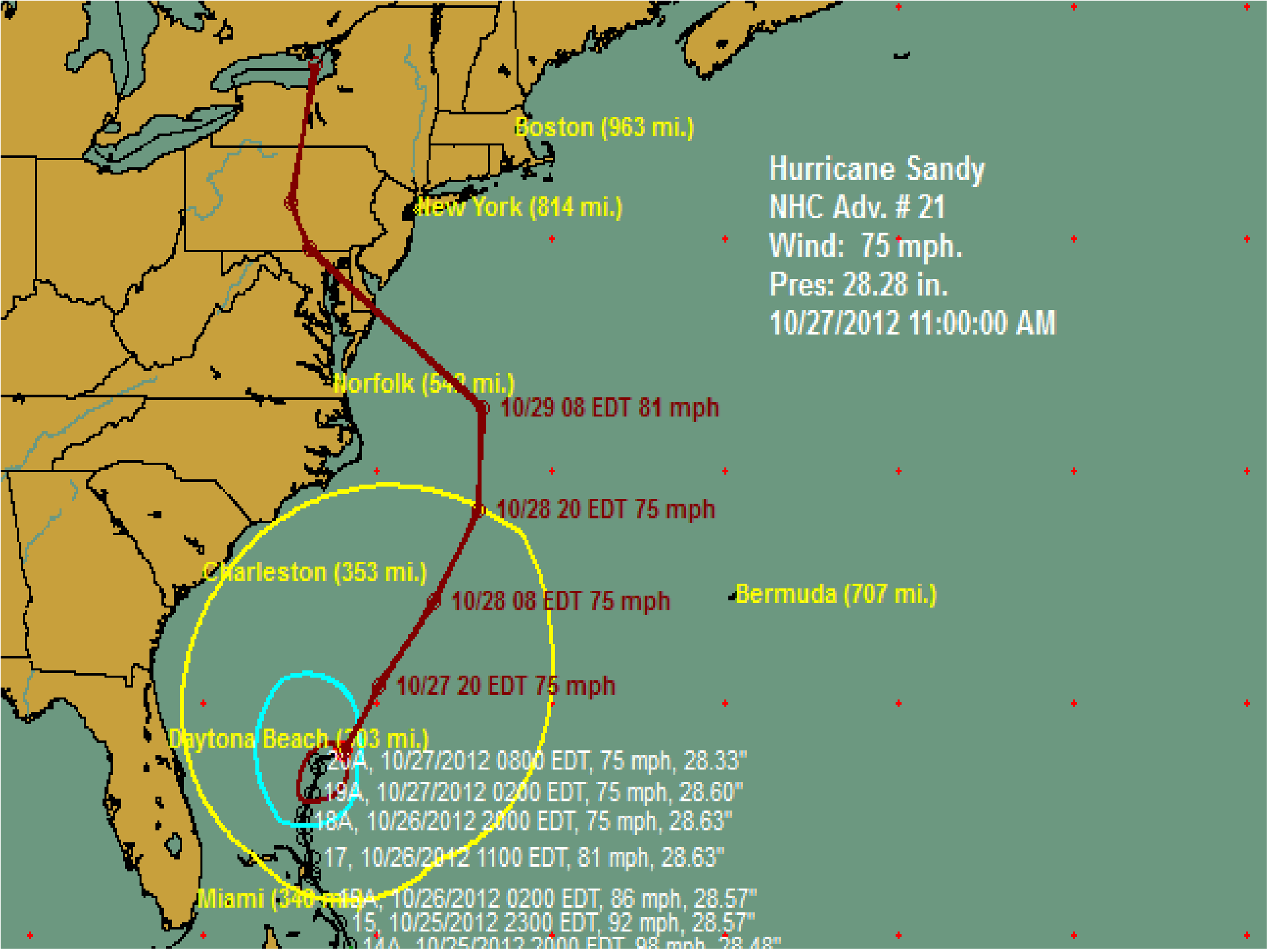
Saturday 27 2012 1100

VBOEM



83 82 81 80 79 78 77 76 75 74 73 72 71 70





Boston (963 mi.)

New York (814 mi.)

Norfolk (542 mi.)

Charleston (353 mi.)

Daytona Beach (703 mi.)

Miami (340 mi.)

Bermuda (707 mi.)

Hurricane Sandy

NHC Adv. # 21

Wind: 75 mph.

Pres: 28.28 in.

10/27/2012 11:00:00 AM

10/29 08 EDT 81 mph

10/28 20 EDT 75 mph

10/28 08 EDT 75 mph

10/27 20 EDT 75 mph

20A, 10/27/2012 0800 EDT, 75 mph, 28.33"

19A, 10/27/2012 0200 EDT, 75 mph, 28.60"

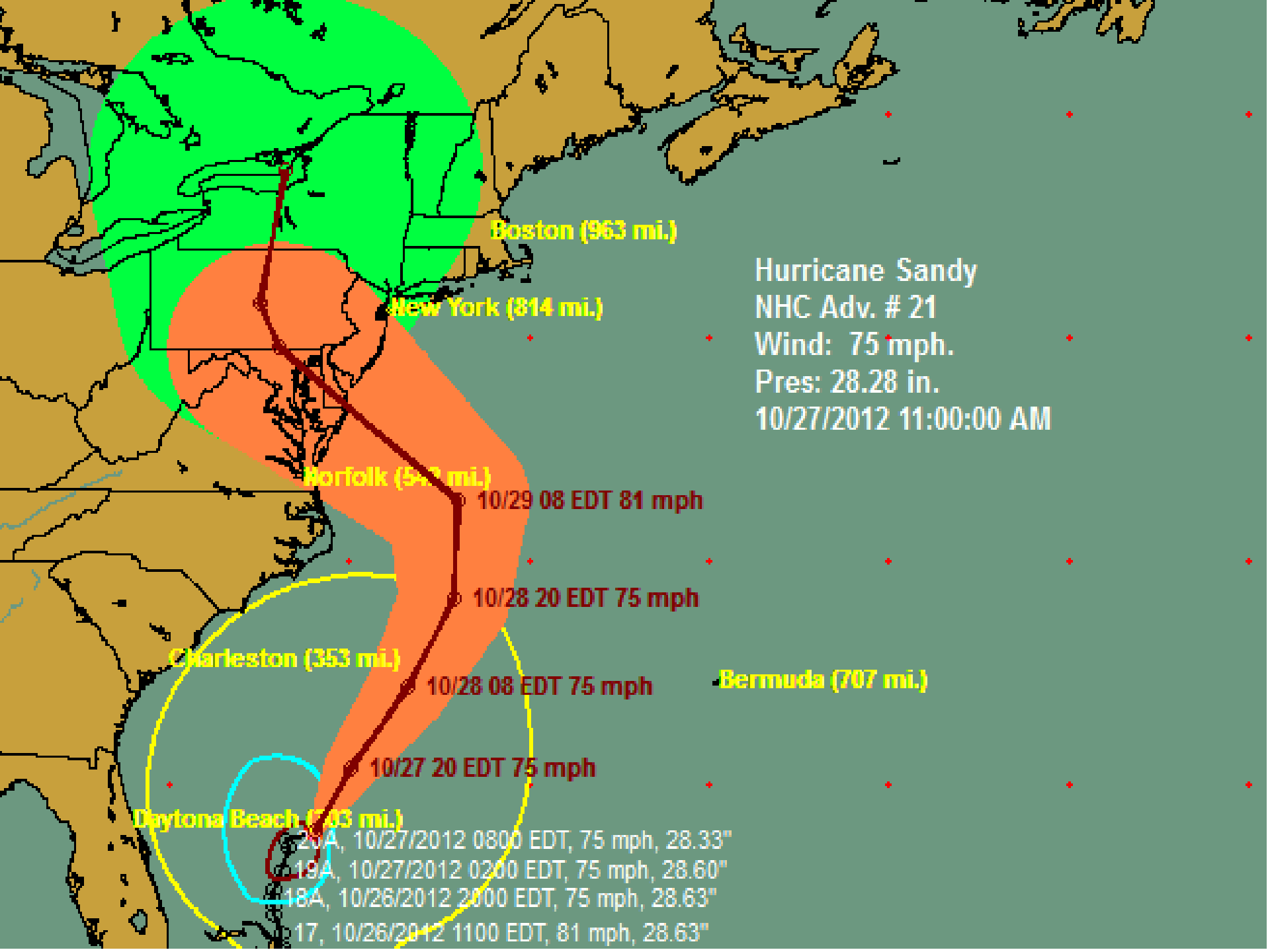
18A, 10/26/2012 2000 EDT, 75 mph, 28.63"

17, 10/26/2012 1100 EDT, 81 mph, 28.63"

16A, 10/26/2012 0200 EDT, 86 mph, 28.57"

15, 10/25/2012 2300 EDT, 92 mph, 28.57"

14A, 10/25/2012 2000 EDT, 98 mph, 28.48"



Hurricane Sandy
NHC Adv. # 21
Wind: 75 mph.
Pres: 28.28 in.
10/27/2012 11:00:00 AM

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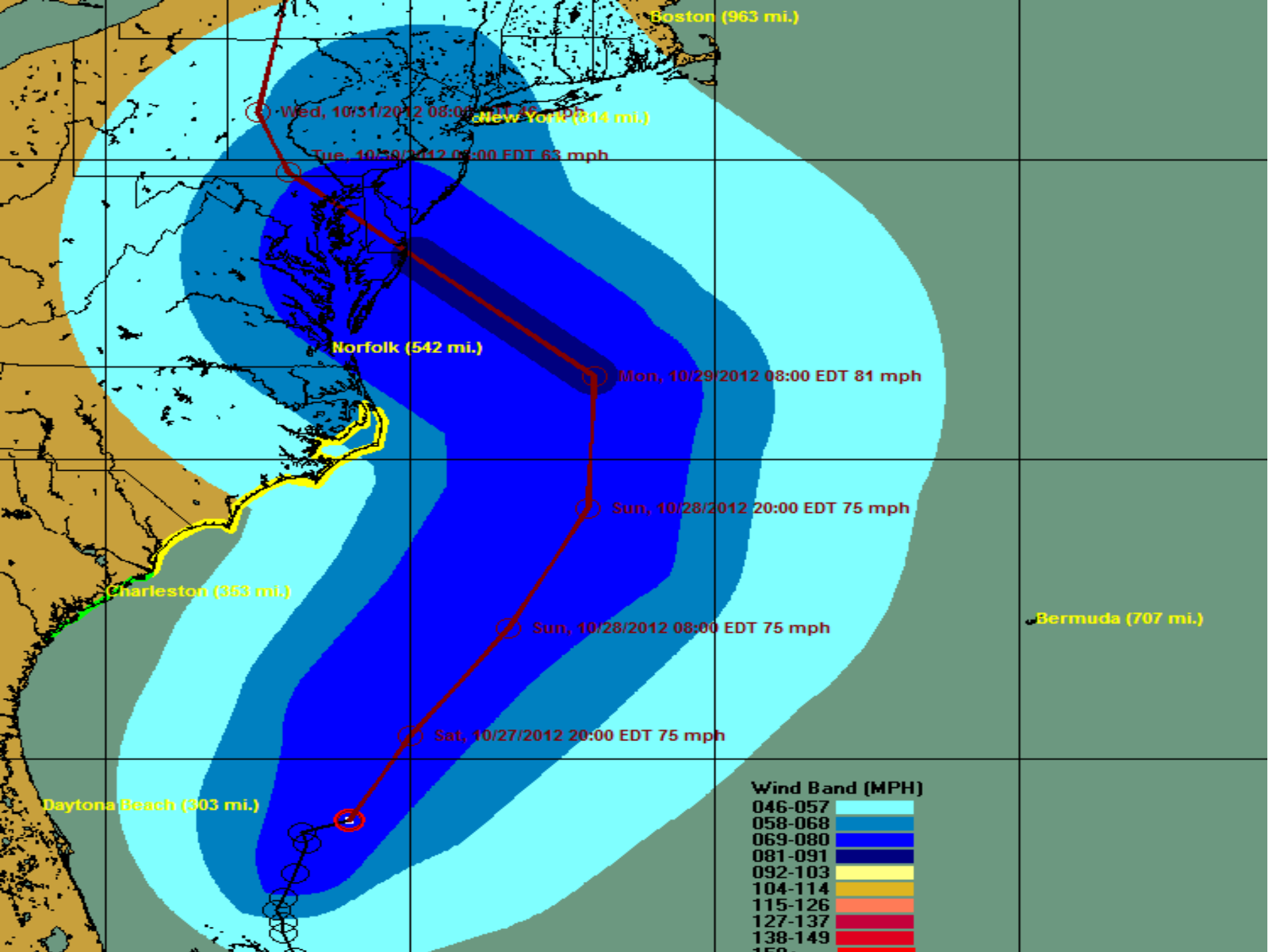
10/27 20 EDT 75 mph

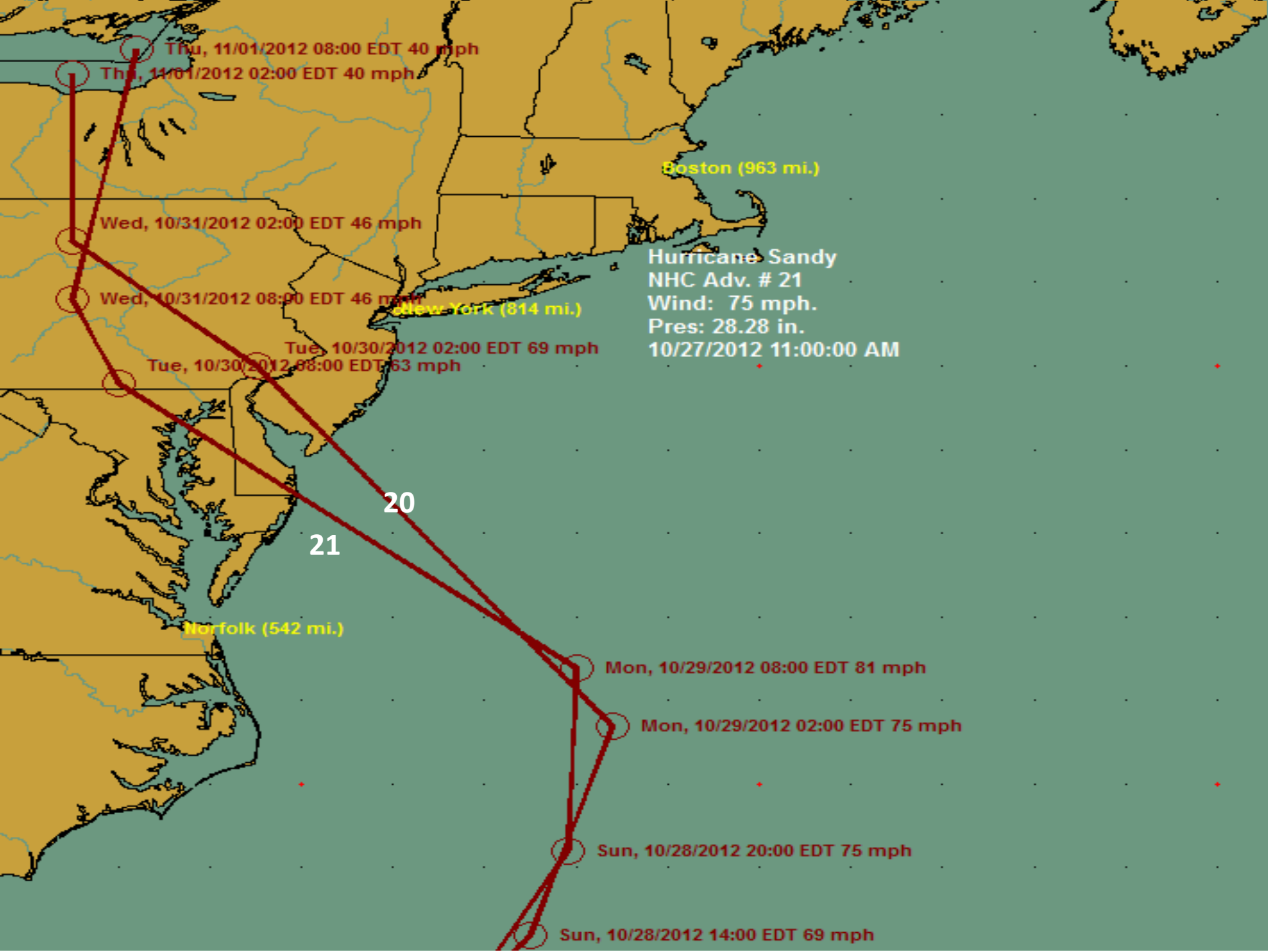
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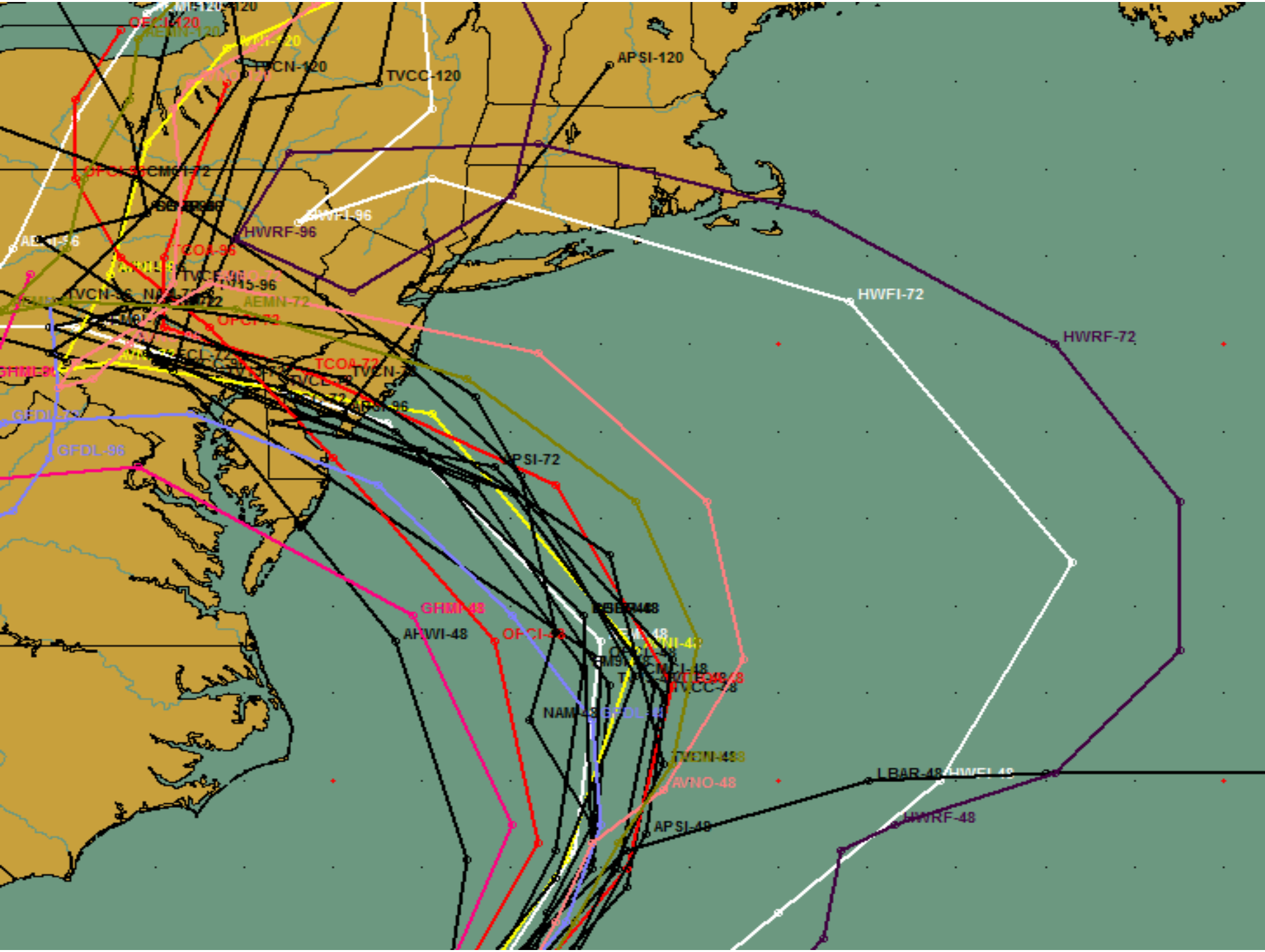
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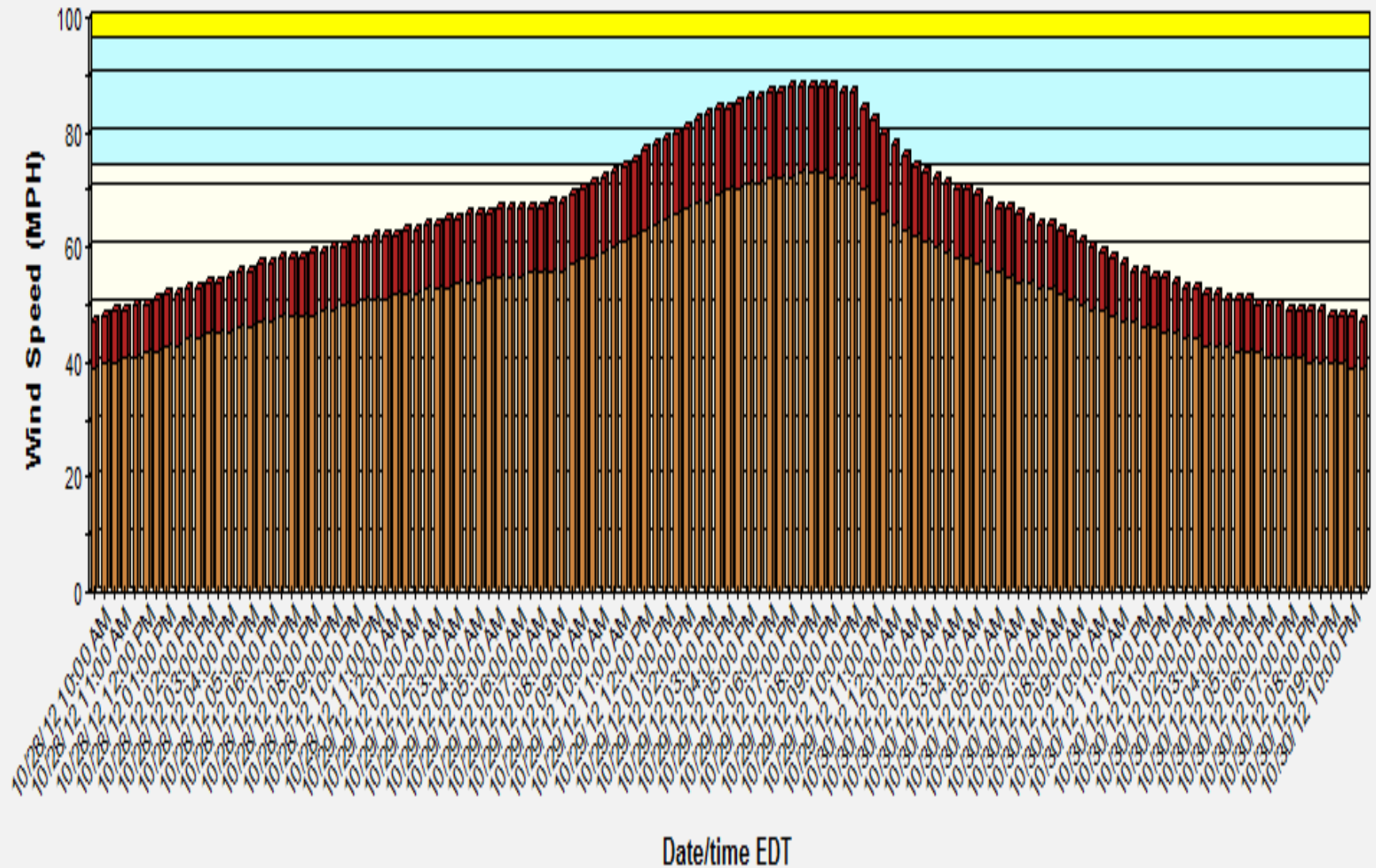


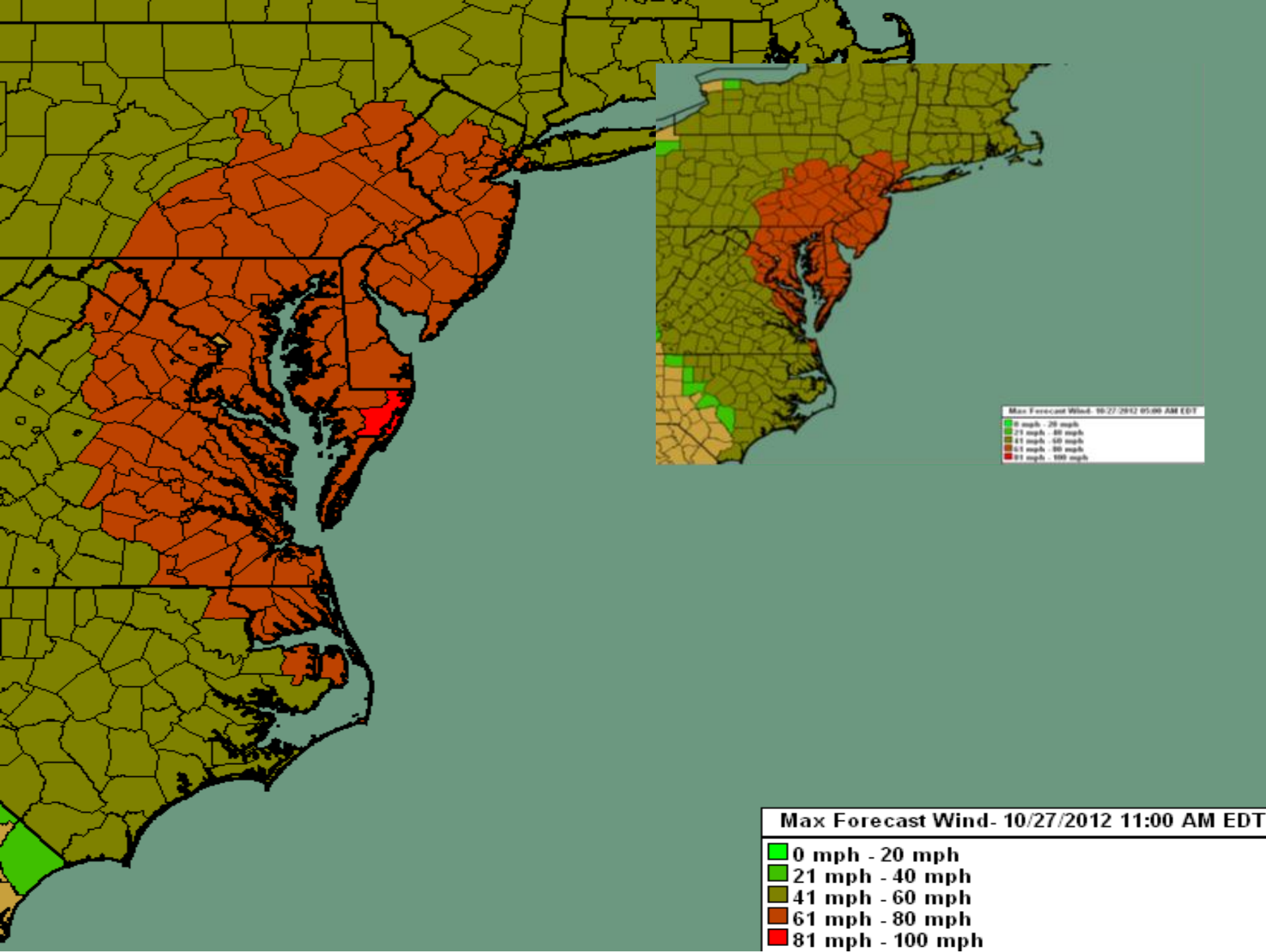




Forecast Wind Speed Graph for Virginia Beach city, VA

Gusts
Sustained





Wind Speed	Date/Time	Duration
Begin 39 MPH Winds	10/28 (SUN) 0930 10/28 (SUN) 1430 10/28 (Sun) 1430 10/28 (Sun) 0930	
Begin 58 MPH Winds	10/29 (Mon) 0430 10/29 (Mon) 1730 10/29 (Mon) 0800 10/29 (Mon) 0900	
End 59 MPH Winds	10/30 (Tue) 1030 10/30 (Tue) 0930 10/29 (Mon) 2030 10/30 (Tue) 0300	31 Hours 17 Hours 13 Hours 19 Hours
End 39 MPH Winds	10/30 (Tue) 22:20 10/30 (Tue) 0930 10/30 (Tue) 0300 10/30 (Tue) 2200	66 Hours 48 Hours 38 Hours 62 Hours
Sandy 17, Sandy 18, Sandy 20, Sandy 21		

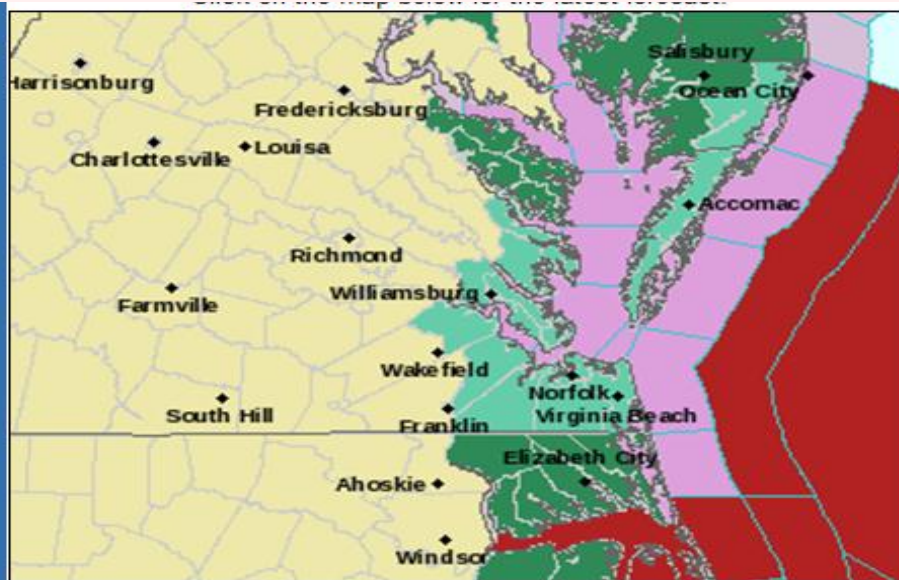
Local Time : 5:25:49 a.m. UTC : 09:25:49 Z

HAZARDOUS WEATHER CONDITIONS

High Surf Advisory
High Wind Watch

Coastal Flood Watch
Hazardous Weather Outlook

Flood Watch



Read watches,
warnings &
advisories



Tropical Storm Warning
Gale Warning
Small Craft Advisory
Coastal Flood Watch
Flood Watch
Storm Watch
High Wind Watch
Gale Watch
Hazardous Weather
Outlook



Last map update: Sat. Oct. 27. 2012 at 5:25:03 am EDT

2 MILES NNW VIRGINIA BEACH VA

En Español



Overcast

67°F
19°C

Humidity 79%
Wind Speed NE 17 G 24 mph
Barometer 29.87 in (1011.6 mb)
Dewpoint 60°F (16°C)
Visibility 10.00 mi

Last Update on 27 Oct 3:56 am EDT

Current conditions at

Virginia Beach, Oceana, Naval Air Station (KNTU)

Lat: 36.83 Lon: -76.03 Elev: 26ft.

[More Local Wx](#) | [3 Day History](#) | [Mobile Weather](#)

[Share](#) | [Facebook](#) | [Twitter](#) | [Email](#) | [Print](#) | [RSS](#)

TODAY



80%

Rain

High: 72 °F

TONIGHT

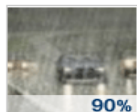


100%

Heavy Rain

Low: 61 °F

SUNDAY



90%

Heavy Rain

High: 67 °F

SUNDAY NIGHT



80%

Heavy Rain

Low: 56 °F

MONDAY



60%

Rain Likely

High: 62 °F

MONDAY NIGHT



40%

Chance Rain

Low: 45 °F

TUESDAY



40%

Chance Rain

High: 54 °F

TUESDAY NIGHT



30%

Chance Rain

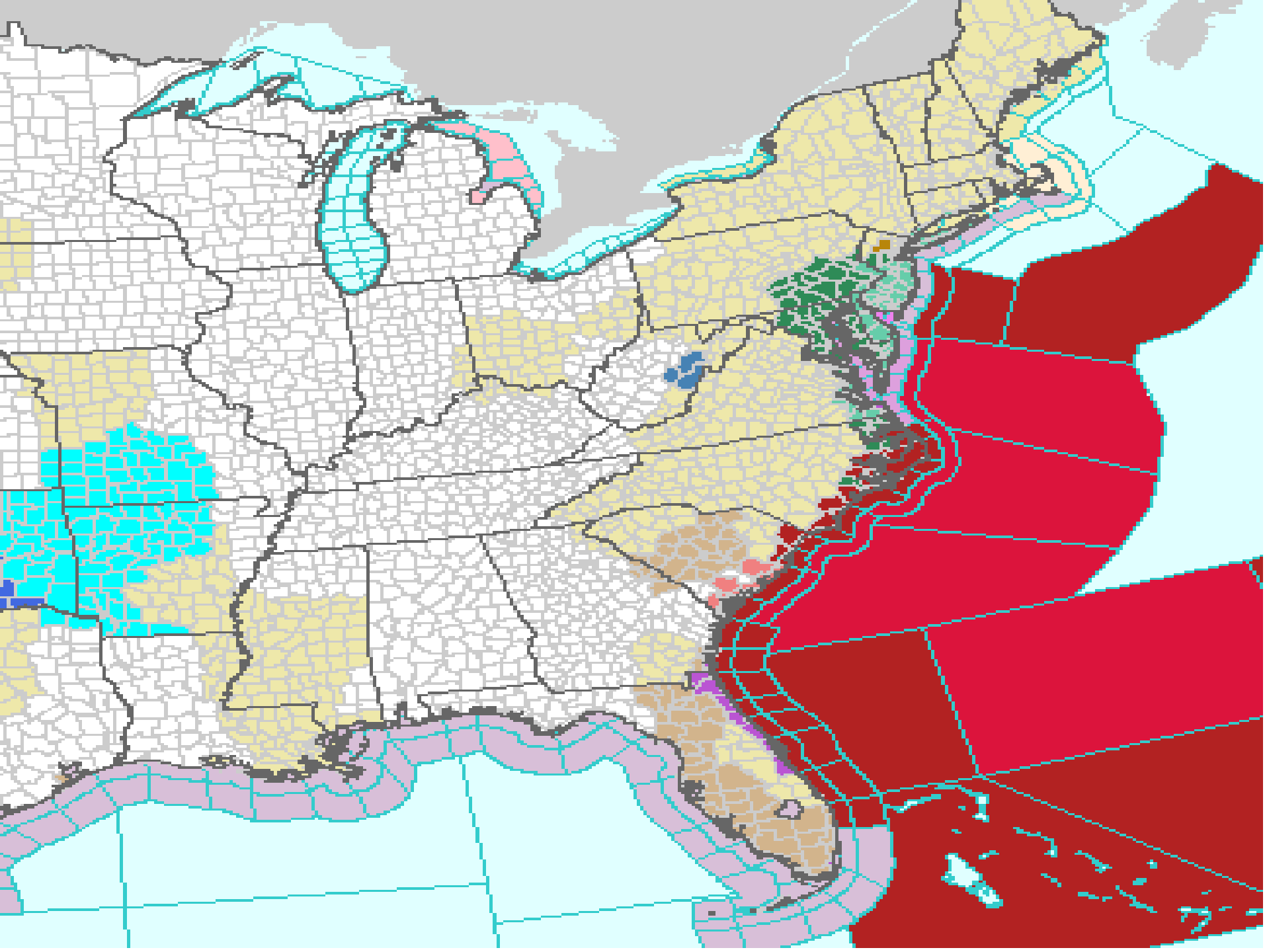
Low: 43 °F

WEDNESDAY



Breezy

High: 57 °F

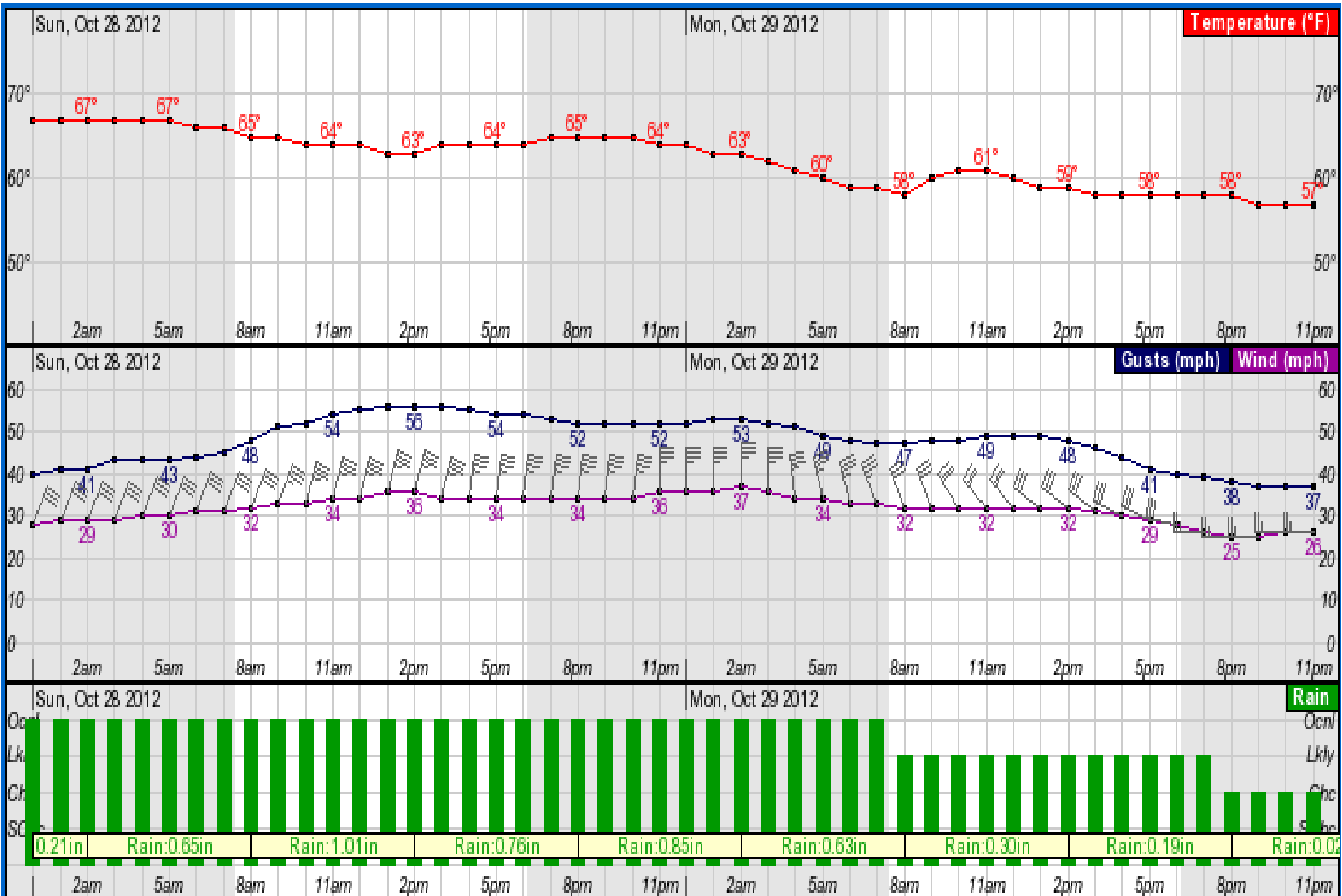


48-Hour Period Starting: 12am Sun, Oct 28 2012 ▾

Submit

Back 2 Days

Forward 2 Days





Tropical Storm/Hurricane Sandy Briefing Overview

Updated 700 am October 27, 2012



Information Sources Used in this Overview

Sandy Overview
Rainfall Forecasts

[Sandy Briefing](#)

[Forecast Weather Maps](#)

[Hourly Forecasts](#)

[NWS Wakefield Rainfall forecasts](#)

[5 day total rainfall](#)

Winds

HURREVAC

[NHC Wind Probabilities](#)

[Forecast Winds](#)

**Storm Surge/
Coastal Flooding**

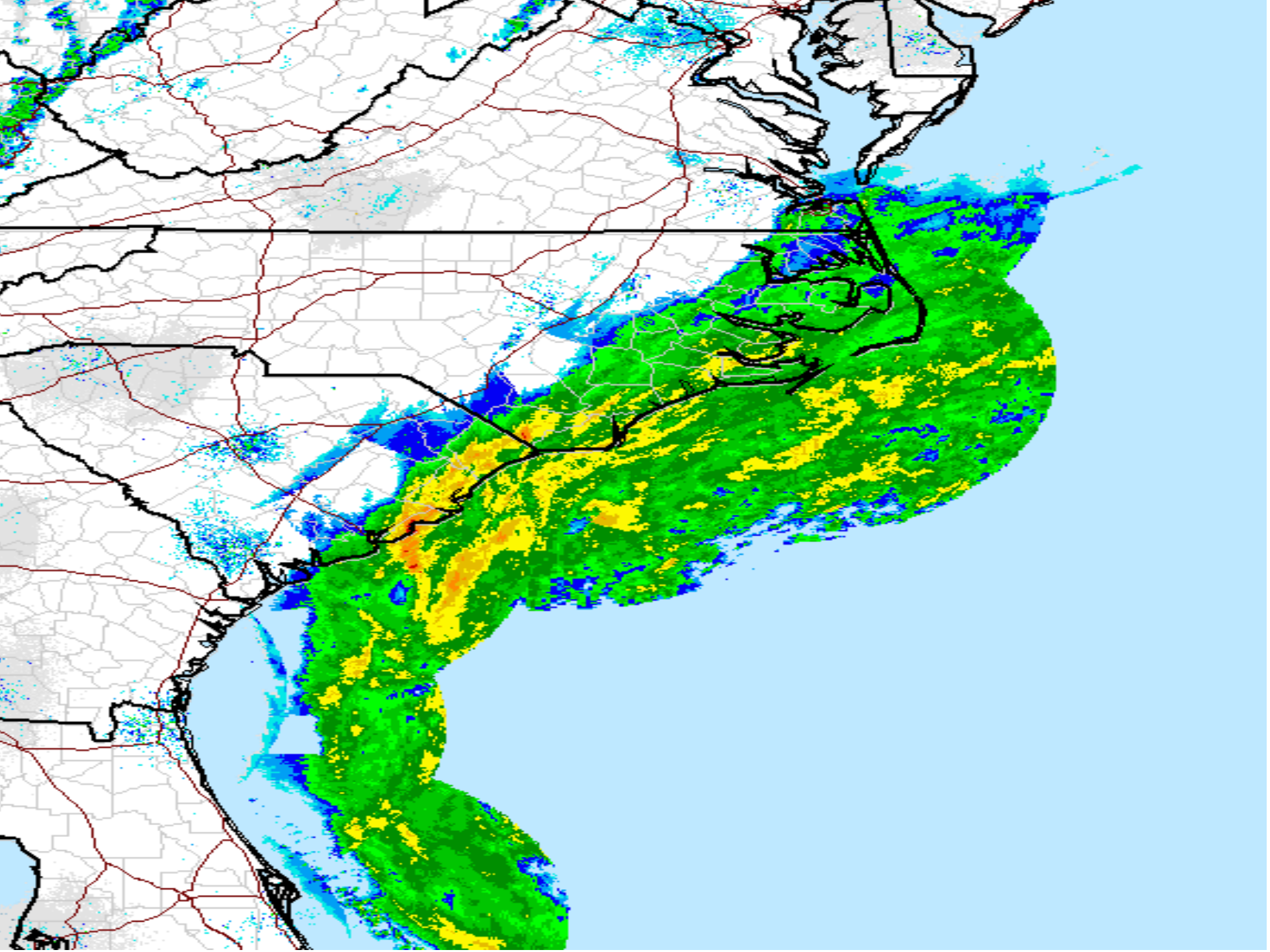
**SLOSH Display
Program**

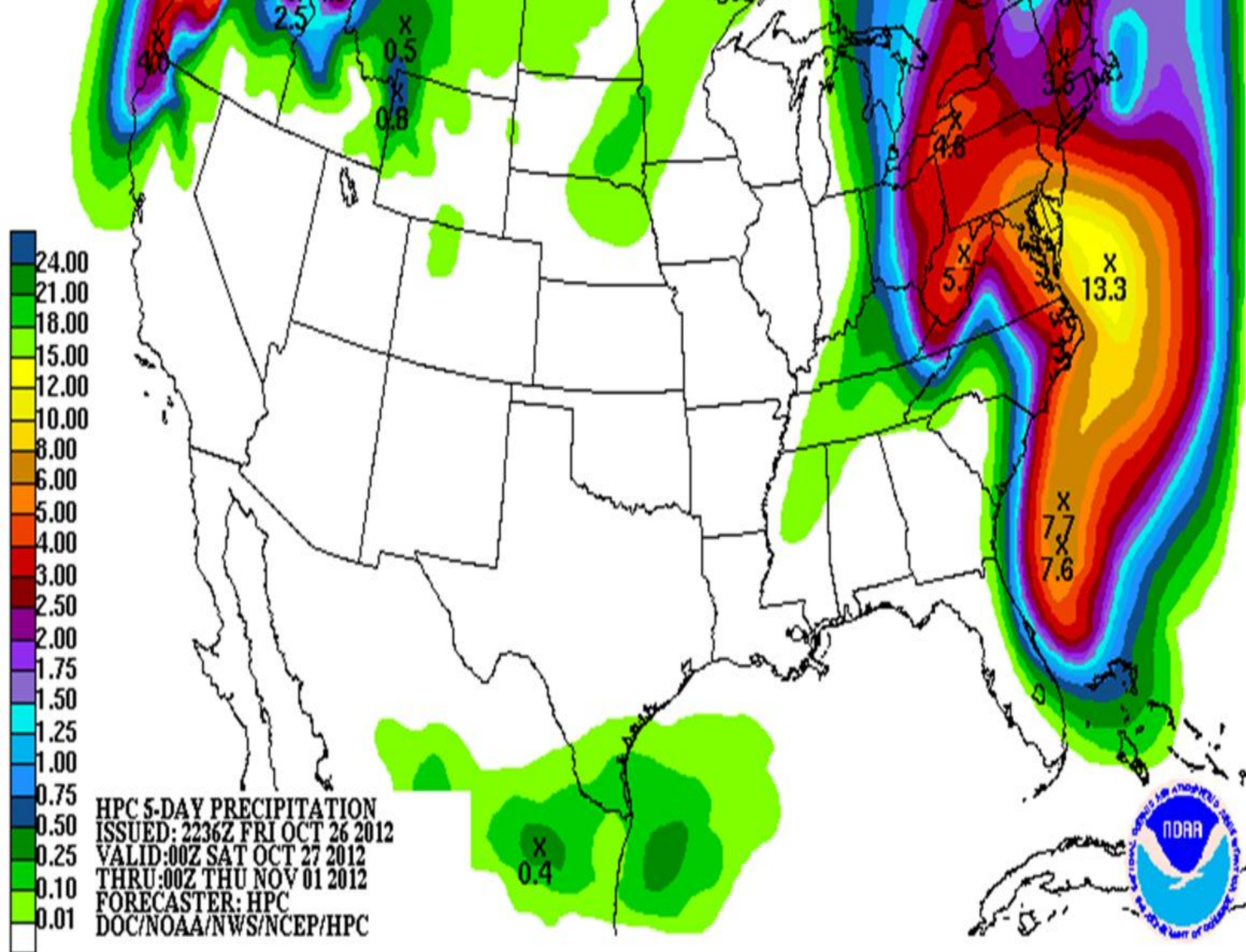
[NWS Wakefield Tides and Coastal Flooding Page](#)

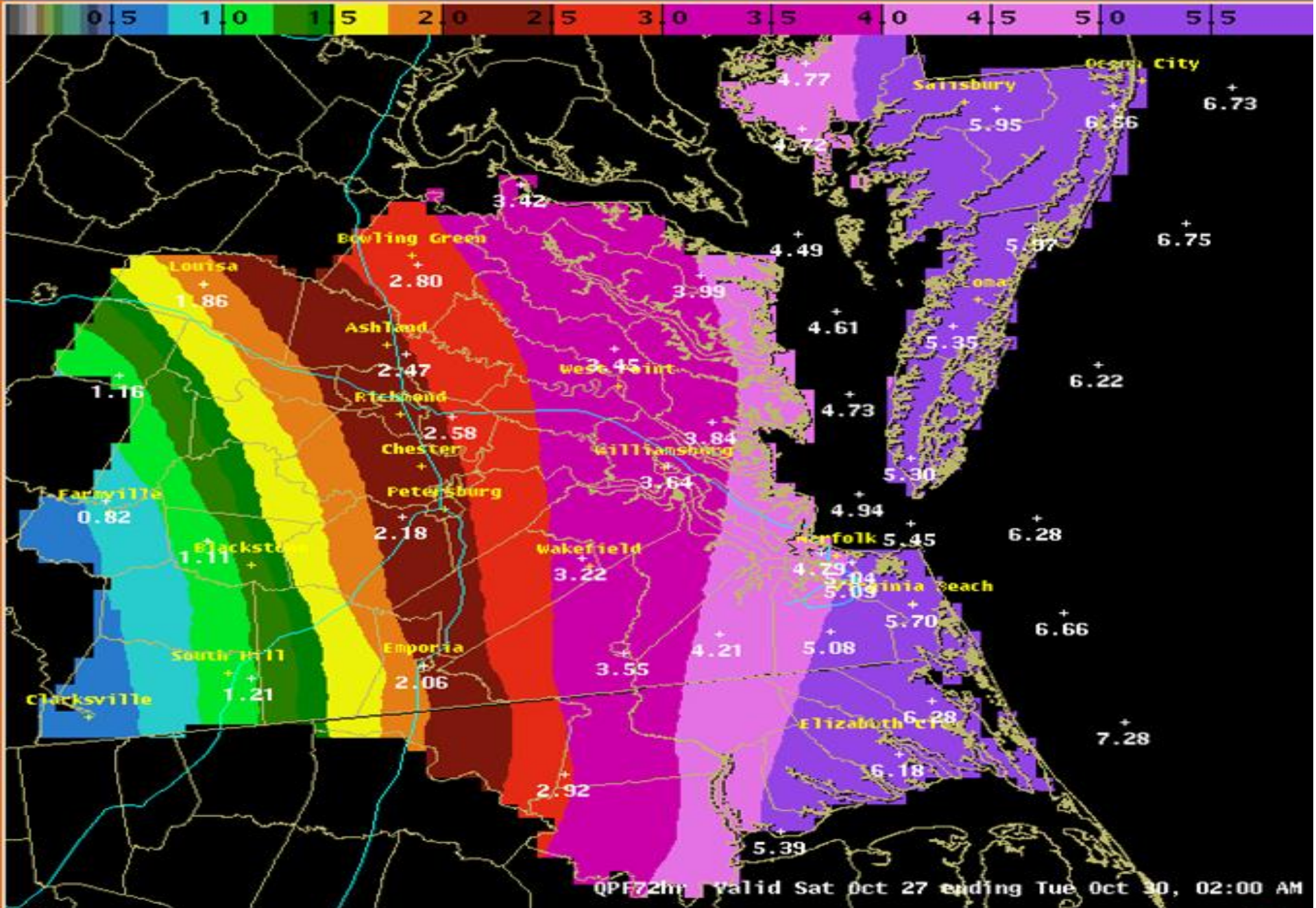
Tornadoes

[NWS Wakefield Severe Thunderstorms Page](#)

Locations	Rainfall (thru Wed)	Winds	Timing (peak)	Waves
<i>Coastal NE NC</i>	5" - 7"+	Sus: 45 mph Gusts: 60+ mph	Wind: Sun-Mon Surge: Sun-Mon mph	Ocean: 15 ft+ Currituck 3-4 ft
<i>Inland NE NC</i>	4" - 6"	Sus: 35 mph Gusts: 55 mph	Wind: Sun-Mon Surge: Sun-Mon	Albemarle: 5 ft
<i>Southside Hampton Roads</i>	5" - 7"	Sus: 40-45 mph Gusts: 60+ mph	Wind: Sun-Mon Surge: Sun-Mon	Ocean: 15 ft+ Bay: 6 - 9 ft
<i>Va Peninsula</i>	5" - 8"	Sus: 40-45 mph Gusts: 50-60+ mph	Wind: Sun-Mon Surge: Sun-Mon	6 ft - 8+ ft
<i>Middle Peninsula</i>	5" - 8"	Sus: 40-45 mph Gusts: 50-60+ mph highest near Bay	Wind: Sun-Tue Surge: Sun-Mon	6 ft - 8 ft
<i>Northern Neck</i>	6" - 8"	Sus: 35-40 mph Gusts: 45-55 mph highest near Bay	Wind: Sun-Tue Surge: Sun-Tue	6 ft - 8 ft
<i>I-95 Corridor West</i>	3" - 5" (highest along I-95)	Sus: 30 mph Gusts: 40-45 mph	Wind: Late Sun-Mon	N/A
<i>Interior SE VA</i>	3" - 6"	Sus: 30-35 mph Gusts: 50 mph	Wind: Sun - Mon	N/A
<i>VA Eastern Shore</i>	8" - 10"	Sus: 40-45 mph Gusts: 55-60+ mph	Wind: Sun-Tue Surge: Sun-Tue	Ocean: 15 ft+ Bay: 6 ft - 8 ft
<i>Lower MD Eastern Shore</i>	8" - 10"+	Sus: 40-45 mph Gusts: 55-60+ mph	Wind: Sun-Tue Surge: late Sun-Tue	Ocean: 15 ft+ Bay: 6 - 7 ft

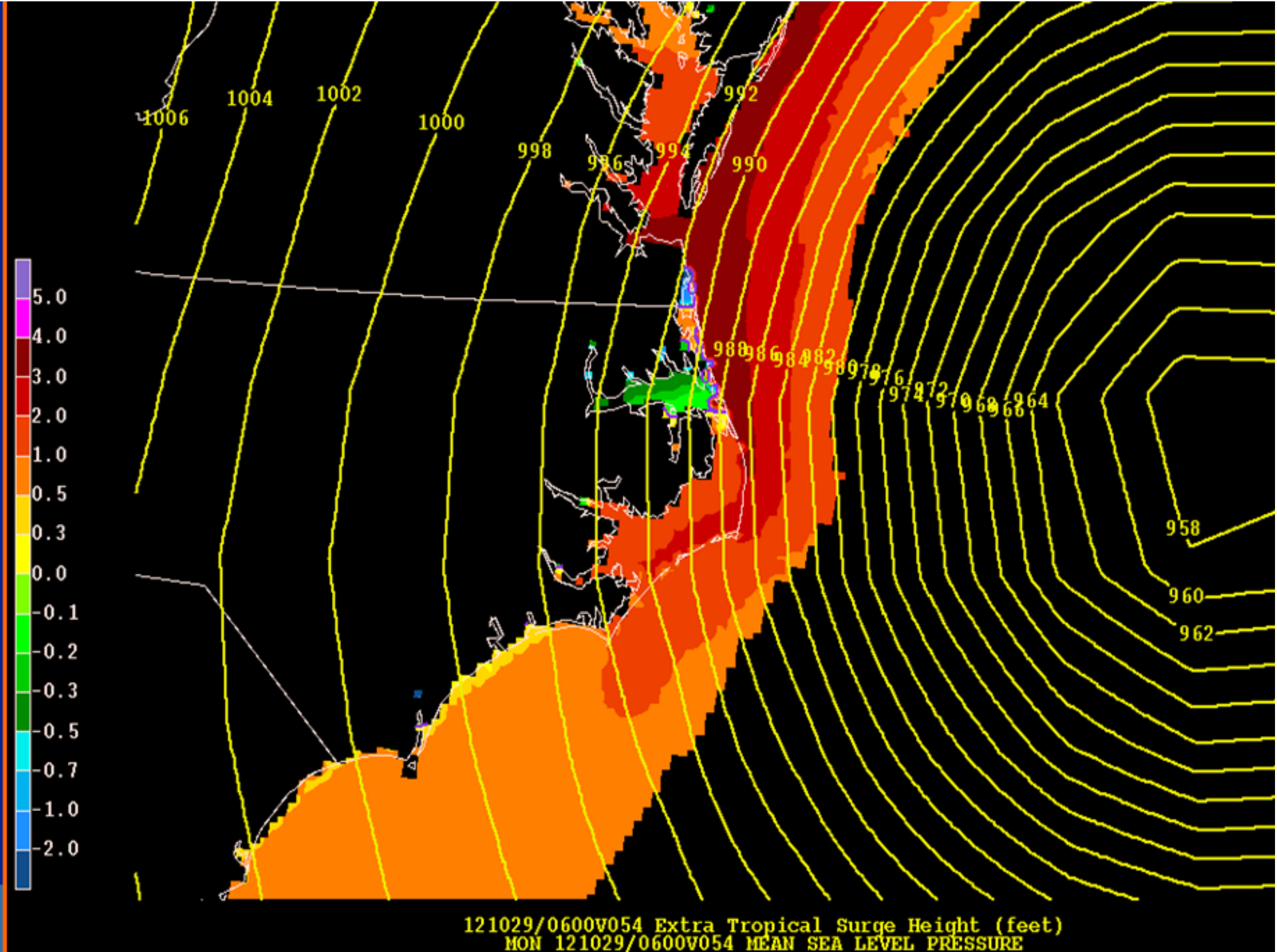






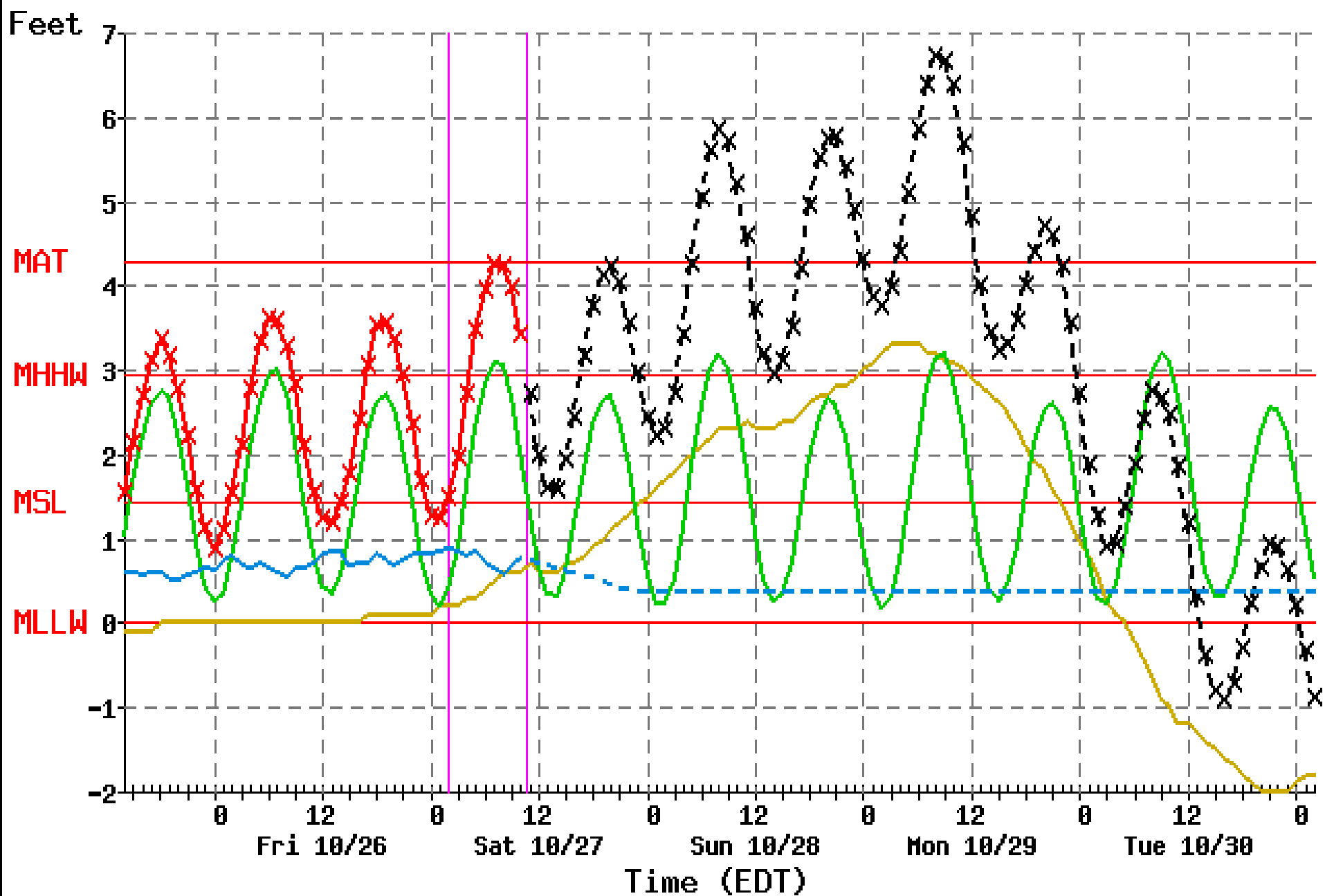
NOAA/National Weather Service Wakefield, VA

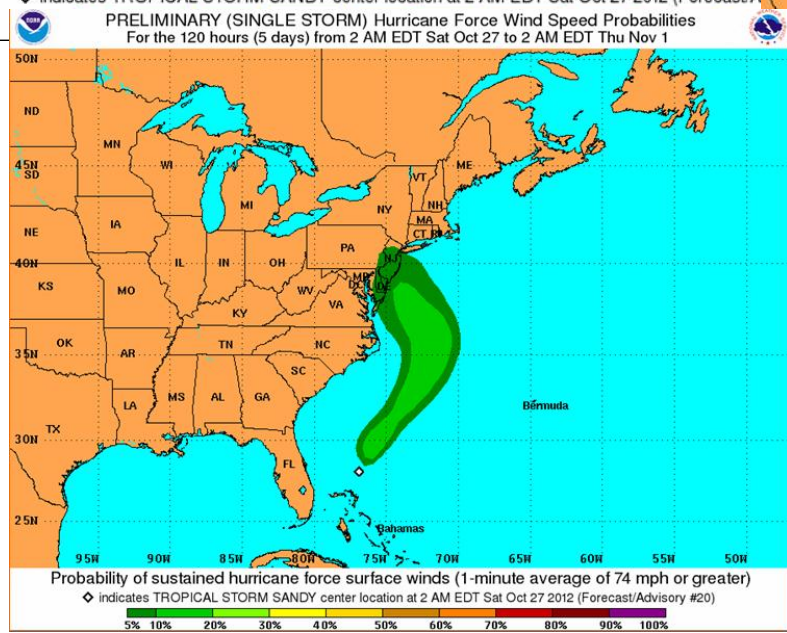
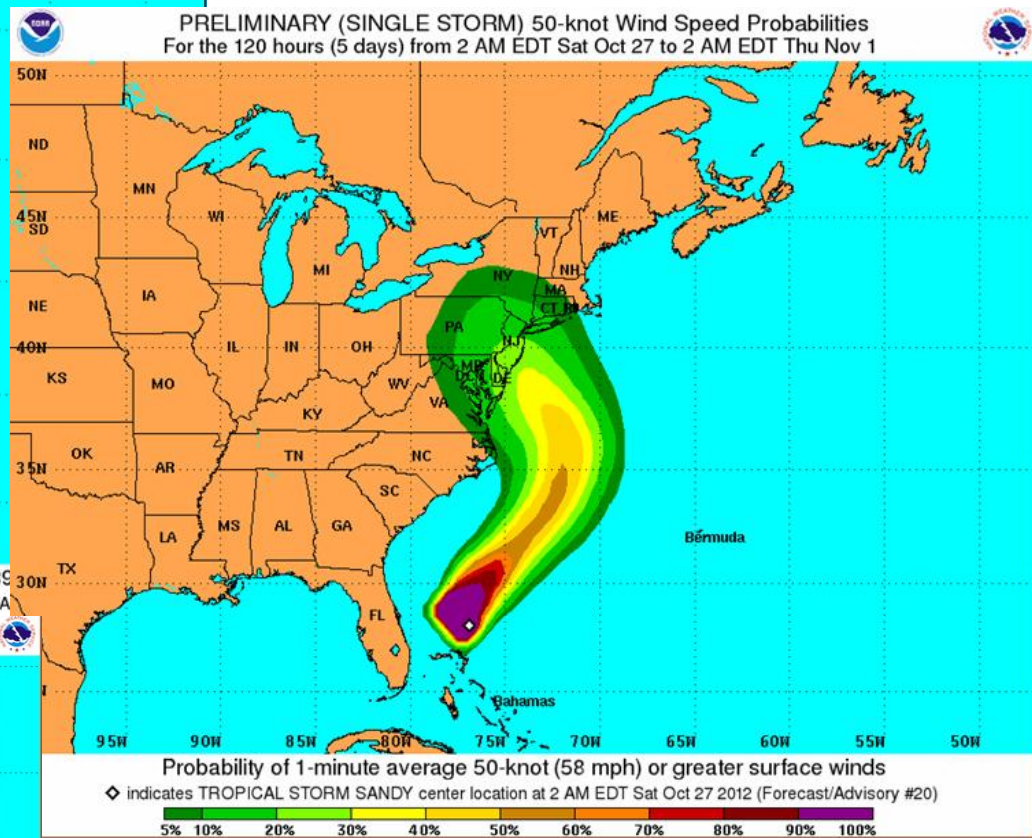
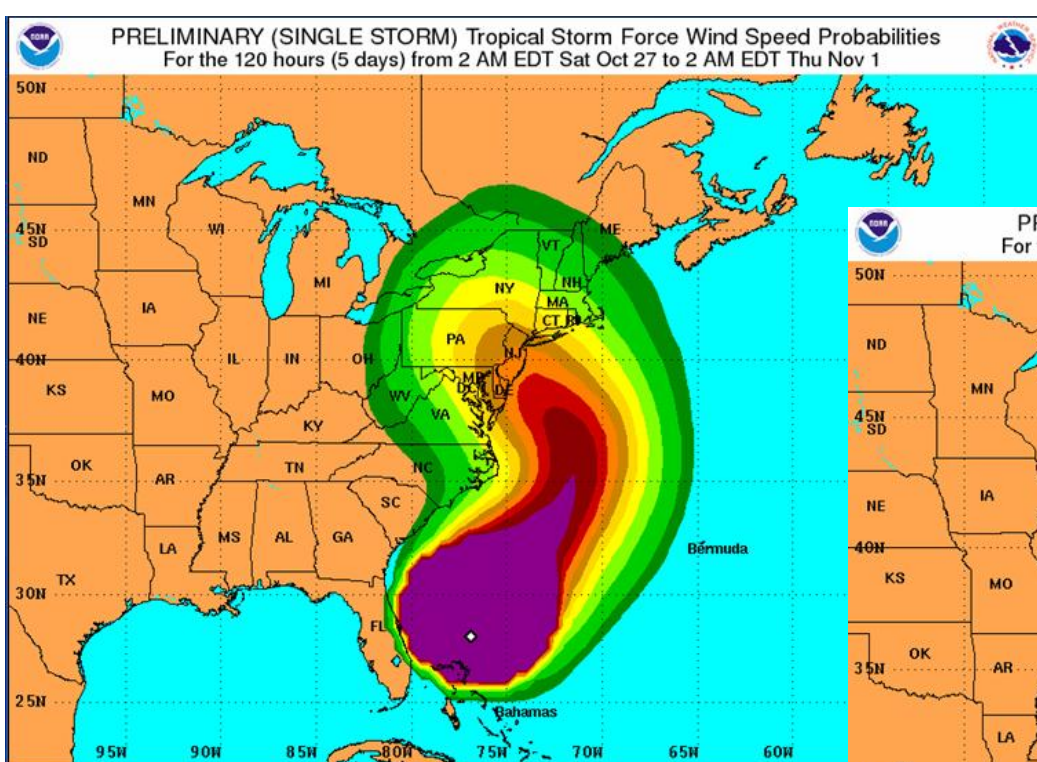




Surge Tide Observation Forecast $\text{Anomaly} = (\text{Obs.} - (\text{Tide} + \text{Surge}))$

Chesapeake Bay Br Tunnel, VA : 10/27/2012 10:29 AM EDT





Wind Analysis for Va Beach, VA

(Based upon Hurricane Sandy Advisory #21)

Wind Probabilities

Norfolk, VA, the closest reporting location, has within the 5-day forecast period of this advisory, a 4% chance of at hurricane-force (64kt/74mph) winds, a 15% chance of at least strong tropical storm-force (50kt/58mph) winds, and a 44% chance of at least tropical storm-force (34kt/39mph) winds.

Peak Wind*

Winds in Va Beach, VA are projected to peak at 62kt/71mph around 8:00 PM on Monday, October 29, 2012

Wind Arrival and Duration*

Tropical storm-force winds (34kt/39mph) are forecast to begin in Va Beach, VA on Sunday, October 28, 2012 at 5:00 AM. Winds of this magnitude or higher are forecast to continue for 54 hours.

Strong tropical storm-force winds (50kt/58mph) are forecast to begin in Va Beach, VA on Monday, October 29, 2012 at 10:00 AM. Winds of this magnitude or higher are forecast to continue for 17 hours.

64kt/74mph winds are not forecast for Va Beach, VA.

* These wind estimations are limited to the first 72 hours (3 days) following advisory issuance, and are subject to considerable forecast uncertainty and generalization, especially if the storm is distant.

Maximum sustained winds (the highest surface wind maintained over a 1 minute period) are reported here. Wind gusts and winds at higher elevations will be greater.

**Dominion®**

DOMINION WEATHER CENTER STATEMENT

10:23 Eastern Time | 27Oct2012 | Forecaster: JGM

General Operational Outlook:

Geopolitical Location		Today's Threats	Sun, 28- Oct Threats	Mon, 29- Oct Threats	Tue, 30- Oct Threats	Wed, 31- Oct Threats	Thu, 01- Nov Threats	Fri, 02- Nov Threats
Northwest	Northern Virginia		Wind	Wind	Wind	Breezy		
	Shenandoah / Piedmont		Breezy	Wind / Wet Snow Late	Wind / Wet Snow	Breezy		
Central	Richmond Metro		Wind	Wind	Wind	Breezy		
	Gloucester & Northern Neck	Coastal Wind	Wind	Wind	Wind	Breezy		
	Southside Virginia		Breezy	Wind	Wind	Breezy		
Eastern	Tidewater	Coastal Wind	Wind	Wind	Wind	Breezy		
	North Carolina	Coastal Wind	Wind	Wind	Wind	Breezy		

System	Percent chance the forecast will be: Better/Same/Worse	10% / 75% / 15%	10% / 80% / 10%	10% / 65% / 25%	15% / 70% / 15%	00% / 85% / 15%	00% / 95% / 05%	00% / 95% / 05%
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	Minimal Threat
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	Moderate Threat
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	Significant Threat
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	Catastrophic Threat
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Dominion Electric Outage Summary

NOTE - Outages may be caused by a variety of [conditions](#) or [circumstances](#). Updates on major outages/restorations are featured on our [Storm Center](#) page.

Dominion Virginia Power / Dominion North Carolina Power Outage Summary

As Of: 10/27/2012 12:31 PM

Area	Customers Served	Customers Out
Northern Virginia	836,819	48
Shenandoah Valley / Western Piedmont	176,249	11
Richmond Metro / Tri-Cities	494,468	5
Southside Virginia	77,638	0
Gloucester / Northern Neck	66,316	1
Southeastern Virginia	692,052	1,811
North Carolina	120,302	3
System Total	2,463,844	1,879

Electric Outages - Southeastern Virginia

County/City	Customers Served	Customers Out
Chesapeake	96,858	2
Newport News	80,537	1
Suffolk	33,404	1
Virginia Beach	191,748	1,803
York	28,359	5

