

# The Seaboard

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## Heat Index

The weather has been crazy lately... chilly, rainy and cool. When is it going to return to normal? As of today, it has gone straight into summer time temperatures, so keep in mind heat awareness for yourself, your family, and your neighbors.

**Heat Index** is a measure of how hot it really feels when relative humidity is factored in with the actual air temperature.

**Heat Advisory** is issued by the NWS when the heat index remains at or above 100F for a minimum of 2 hours.

**Excessive Heat Warnings** is when the heat index of 105F or greater will last for 2 hours or more.

**Excessive Heat Watch** is when Heat Warnings criteria are possible (50-79%) 1 to 2 days in advance.

Heat affects each of us differently. Physical activity, age, medications, and exposure are important tools for assessment of heat related emergencies.

Use the chart below if needed, and do not forget about your pets!!!

### NOAA's National Weather Service

Heat Index  
Temperature (°F)

	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
40	80	81	83	85	88	91	94	97	101	105	109	114	119	124	130	136
45	80	82	84	87	89	93	96	100	104	109	114	119	124	130	137	
50	81	83	85	88	91	95	99	103	108	113	118	124	131	137		
55	81	84	86	89	93	97	101	106	112	117	124	130	137			
60	82	84	88	91	95	100	105	110	116	123	129	137				
65	82	85	89	93	98	103	108	114	121	128	136					
70	83	86	90	95	100	105	112	119	126	134						
75	84	88	92	97	103	109	116	124	132							
80	84	89	94	100	106	113	121	129								
85	85	90	96	102	110	117	126	135								
90	86	91	98	105	113	122	131									
95	86	93	100	108	117	127										
100	87	95	103	112	121	132										

Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity

- Caution
- Extreme Caution
- Danger
- Extreme Danger

## Worcester County Summer Events

This summer there are several events that we may need some assistance with. The requests will be for a basic medical resource group, as well as handing out preparedness literature. Here are the dates and names of the events.

As we get closer to these events, I'll send out a request for assistance.

Any questions, you know how to get up with me. Thanks.

1. **East Coast Pullers Tractor and Truck Pull**

June 25th  
6:30pm - approx. 10:30pm  
Pocomoke City Fairgrounds

2. **Pocomoke Fair**

August 4th & 5th  
4pm - approx. 10pm  
Pocomoke City Fairgrounds

3. **Blessing of the Combines**

August 6th  
10am - 4pm  
Snow Hill

4. **Worcester County Fair**

August 13th & 14th  
11am - approx. 8pm  
Snow Hill.



## Memorial Day

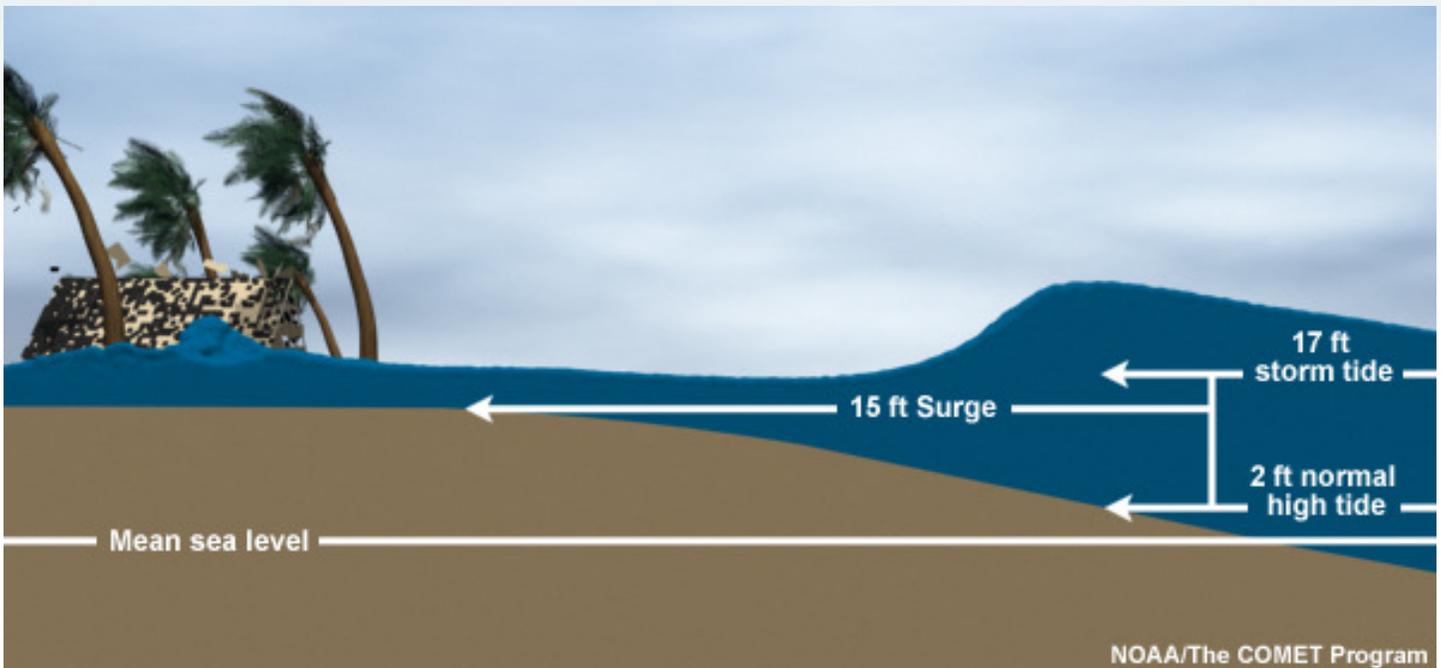
You may be reading this a few days after Memorial Day. It is a day in which people remember the veterans who have died for our freedom and we thank those who have served, or are continuing to serve, our country. Something as basic as simply shaking the hand of the veteran and offering an expression of gratitude is a good thing.

“Above all, we must realize that no arsenal or no weapon in the arsenals of the world is so formidable as the will and moral courage of free men and women”  
Ronald Reagan

## Before You Fire Up the Grill

1. Only use your grill outside
2. Keep it away from siding and deck rails
3. Keep a 3 foot zone to keep kids and pets safe
4. Always keep an eye on your grill fire
5. Open a gas grill before lighting





## Storm Surge Overview

Look at the picture above. Along the coast, storm surge is often the greatest threat to life and property from a hurricane. In the past, death tolls have resulted from the rise of ocean waters associated with many of the major hurricanes that have made landfall. Hurricane Katrina, 2005, and Tropical Storm Sandy, 2012, in Crisfield, MD. as well as NY and NJ are prime examples of the damage and devastation caused by storm surge. During Katrina at least 1500 persons lost their lives and many of those deaths occurred directly or indirectly as a result of storm surge.

Storm surge is an abnormal rise of water generated by a storm, not necessarily a hurricane, over and above predicated astronomical tides. Storm surge should not be confused with storm tide, which is defined as the water level rise due to the combination of storm surge and the astronomical tide. The rise in water level can cause extreme flooding in coastal areas particularly when storm surge coincides with normal high tide resulting in storm surge up to 20 feet or more in some areas.

The maximum potential storm surge for a particular location depends on a number of different factors. It is sensitive to the slightest changes in storm intensity, forward speed of the storm, angle of approach to the coast and the shape and characteristics of coastal features such as bays and estuaries.

Adding to the destructive power of surge, battering waves may increase damage to buildings directly along the coast. Water weighs approximately 1,700 pounds per cubic yard. Extended pounding by frequent waves can demolish any structure not specifically designated to withstand such forces.

The National Hurricane Center has placed so much emphasis on Storm Surge that their Storm Surge Flooding Graphic has become operational, <http://www.nhc.noaa.gov/>. Additionally there is now a Storm Surge Unit for forecasting and maintaining the new graphic. If the NHC thinks it's important, it is!