

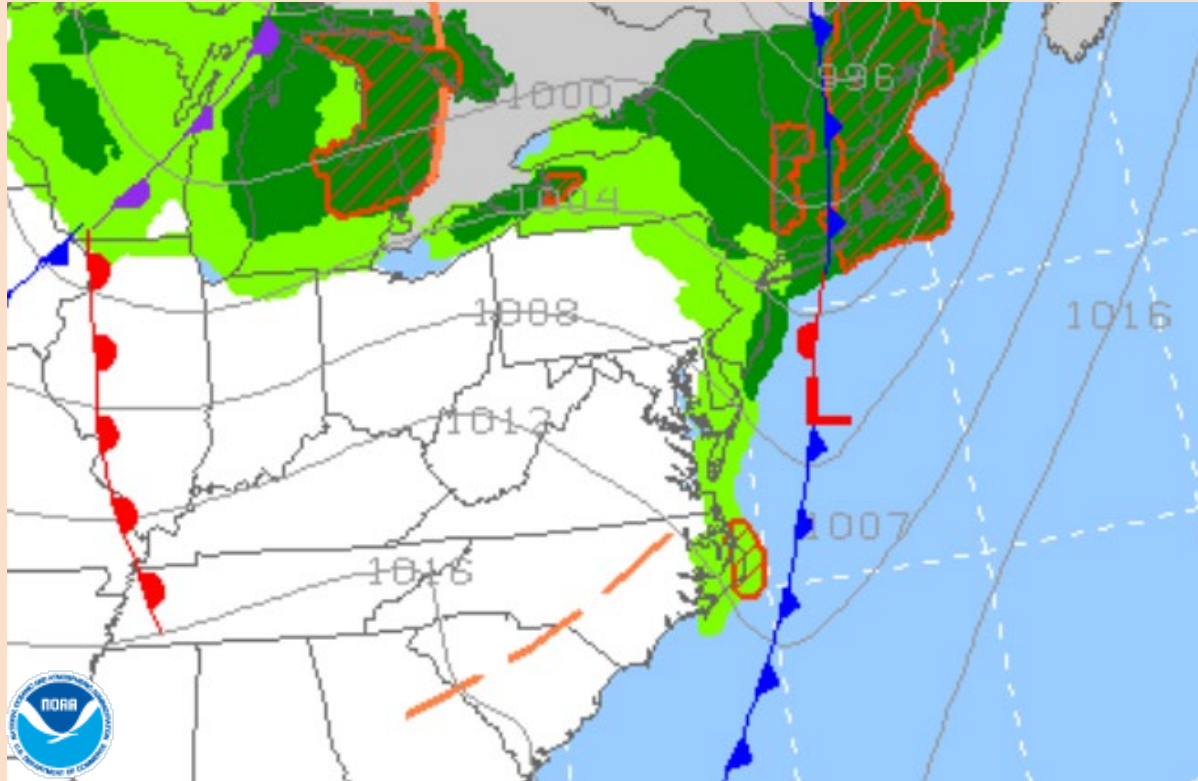
**ANNAPOLIS YACHT CLUB  
2020 DOUBLE HANDED CHALLENGE  
WEATHER OUTLOOK 3-4 OCT 2020  
- ISSUED 30 SEP 2020 -**

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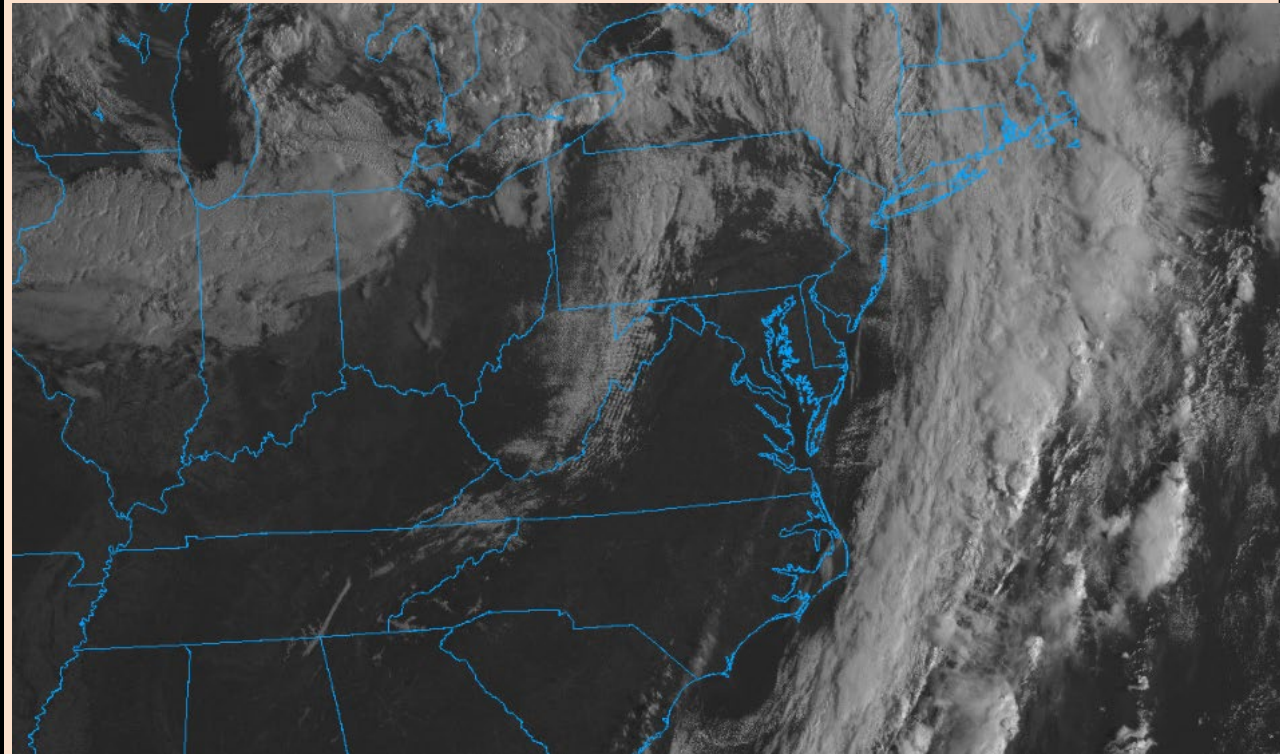


# SURFACE FORECAST

0800 EDT TODAY



0800 EDT TODAY

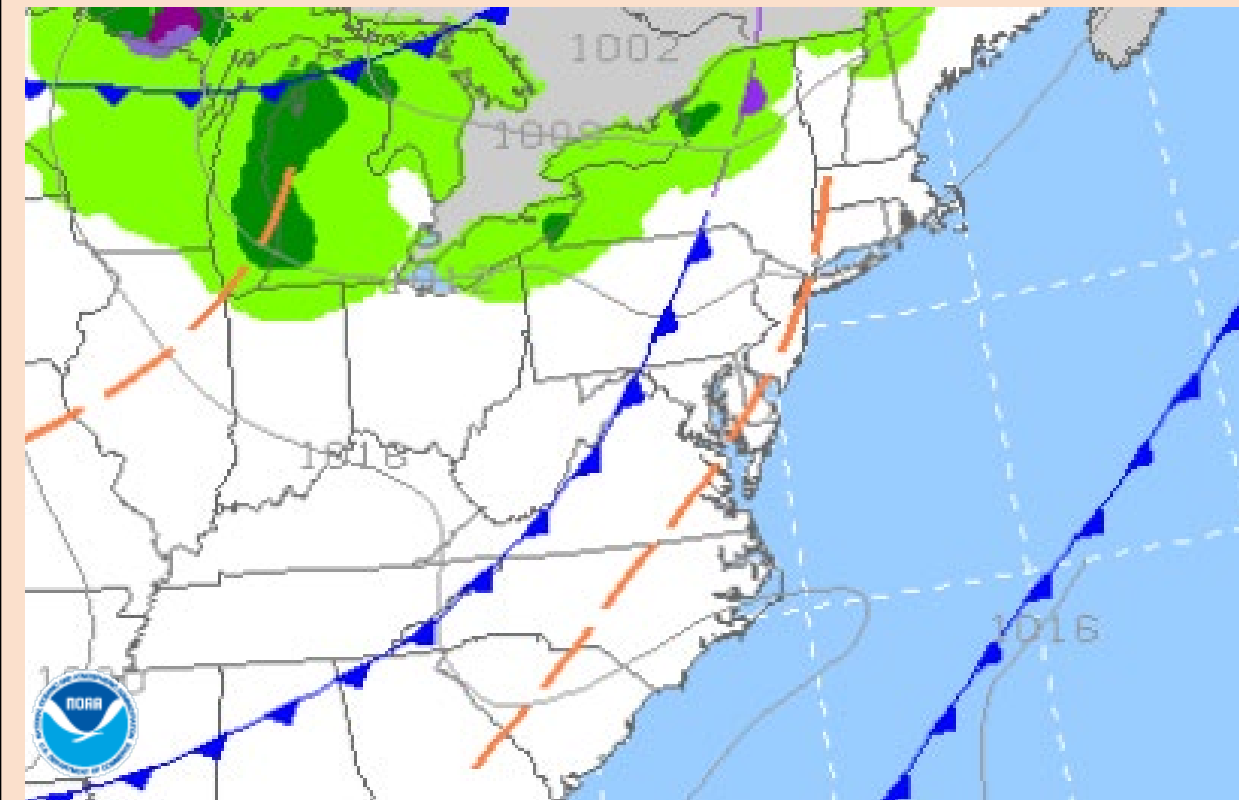


The first of a series of cold fronts is clearing away from the east coast this morning. A weak high pressure ridge is following in its wake ahead of another front which will approach the mid-Atlantic from the northwest tomorrow morning.

This morning's satellite picture shows the weather associated With the 1<sup>st</sup> front now well out to the east and a period of Clearing/drier weather for today. The next front is clearly Visible as a area of cloud moving southeast from Great Lakes.

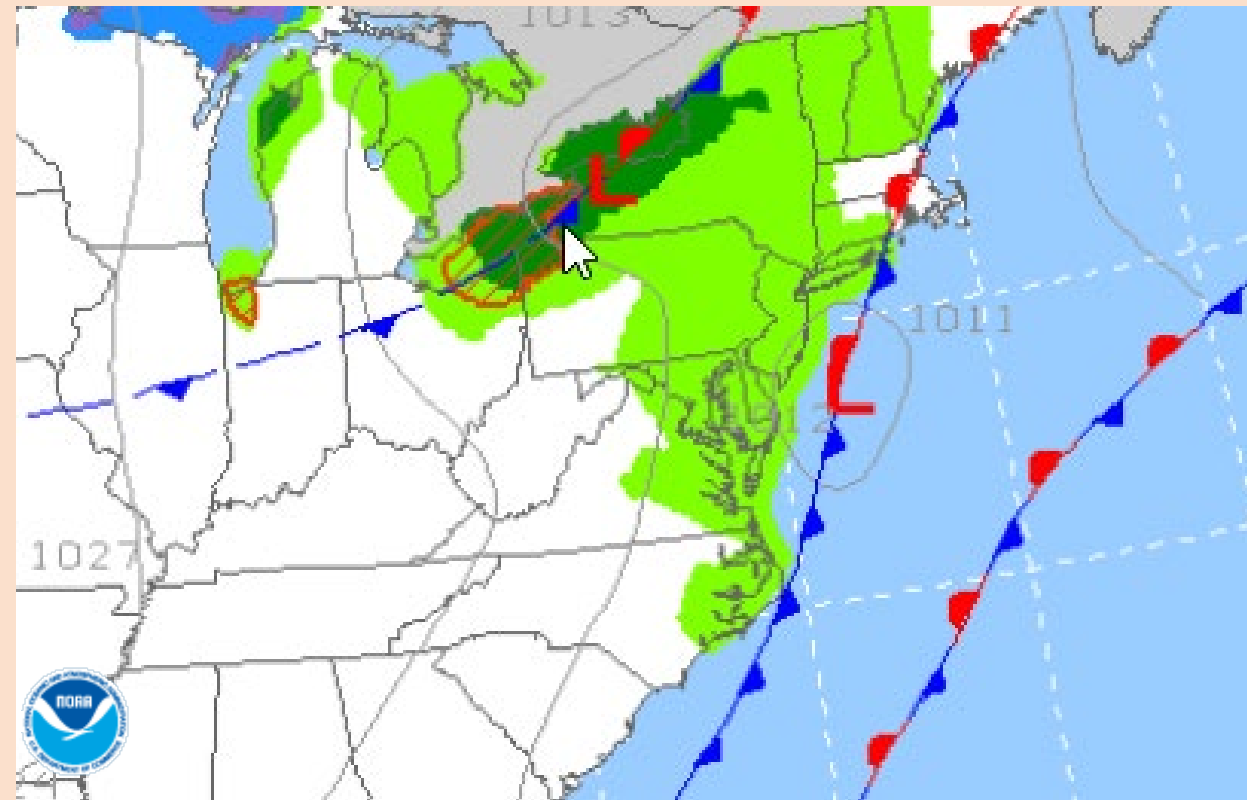
# SURFACE FORECAST

0800 EDT THURSDAY



The trend toward cold weather pattern continues with another in a series of cold fronts moving southeast toward Annapolis. Front clears east of Chesapeake Bay in the afternoon/evening. Veering winds around to the NW/N.

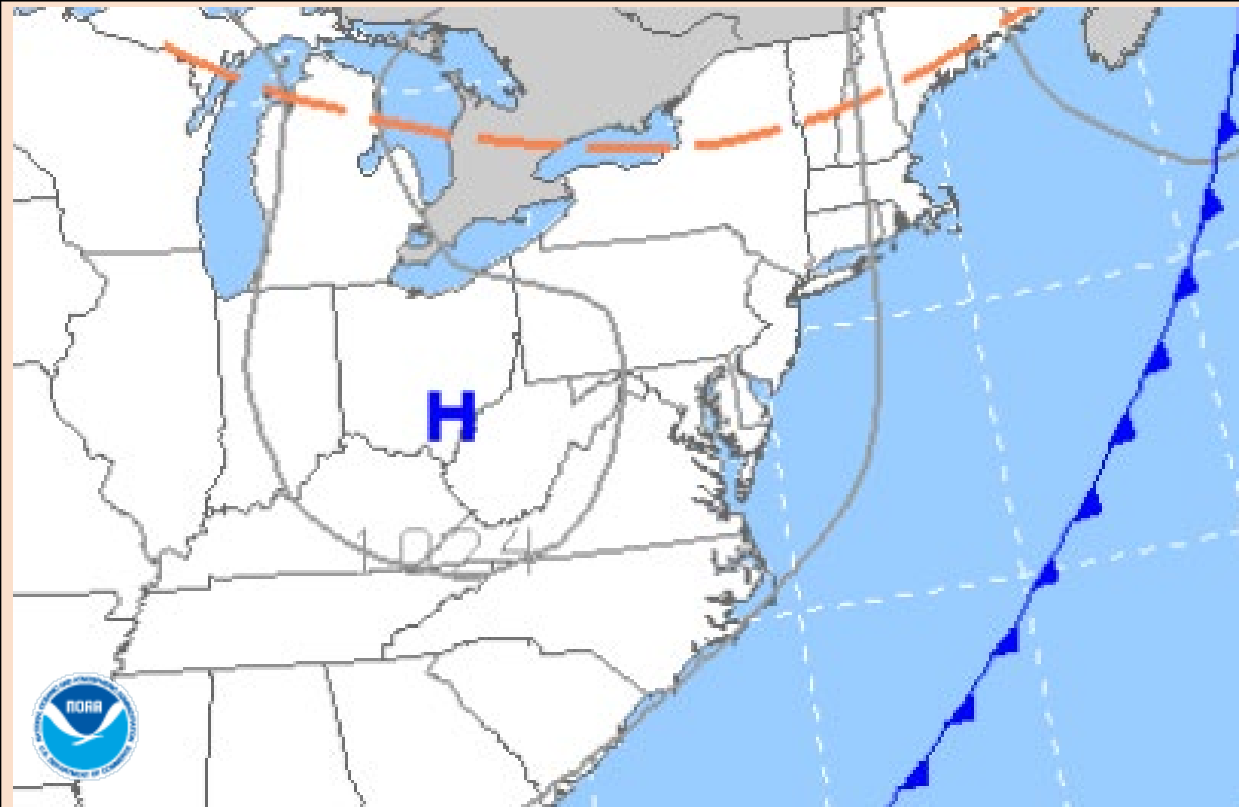
0800 EDT FRIDAY



Front slows just off the coast as a wave of low pressure moves along the front from south to north. High pressure is ridging west from the central plains through the Ohio Valley supporting NW gradient. Cool/unstable air may support showers.

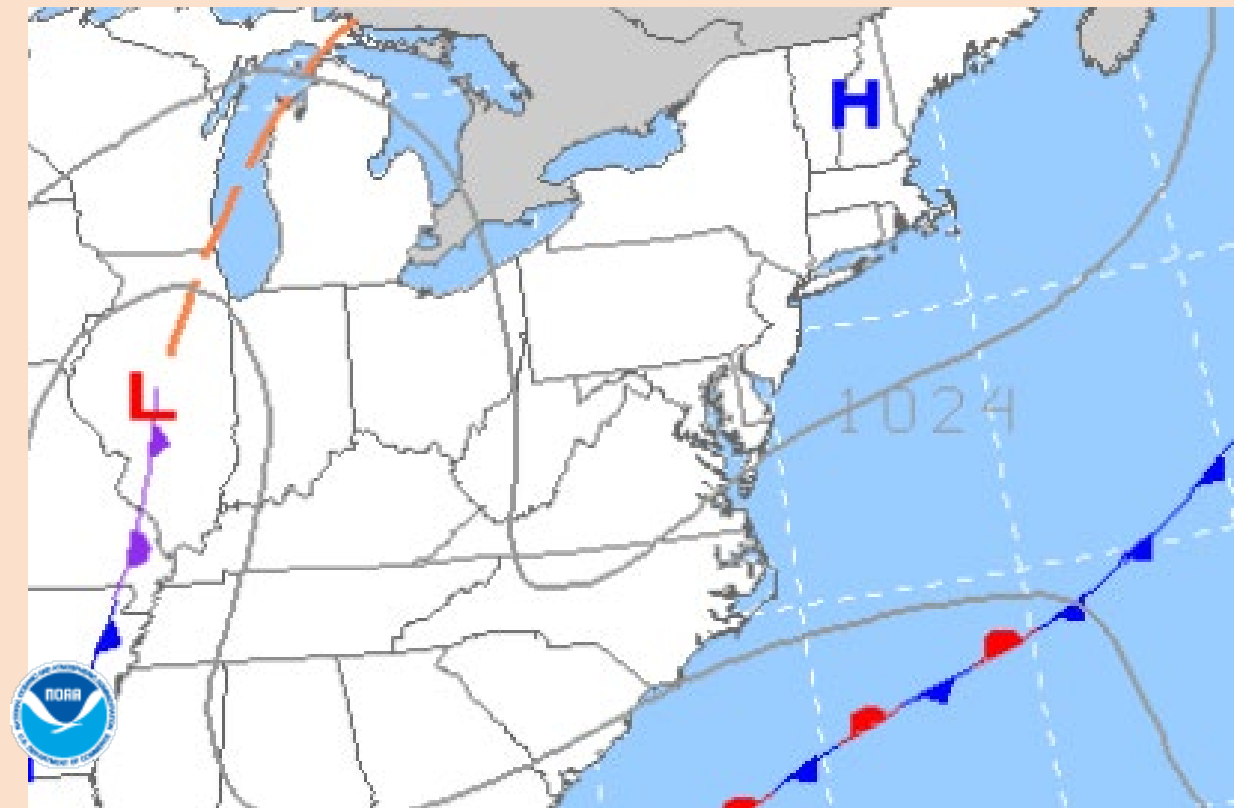
# SURFACE FORECAST

0800 EDT SATURDAY



Cold front well off the coast while high pressure is over the Ohio valley. Cold air will have made it deepest push south at This point and will start shifting east/northeast.. NW/NNW gradient winds veering NNW>NNE, easing slowly with time.

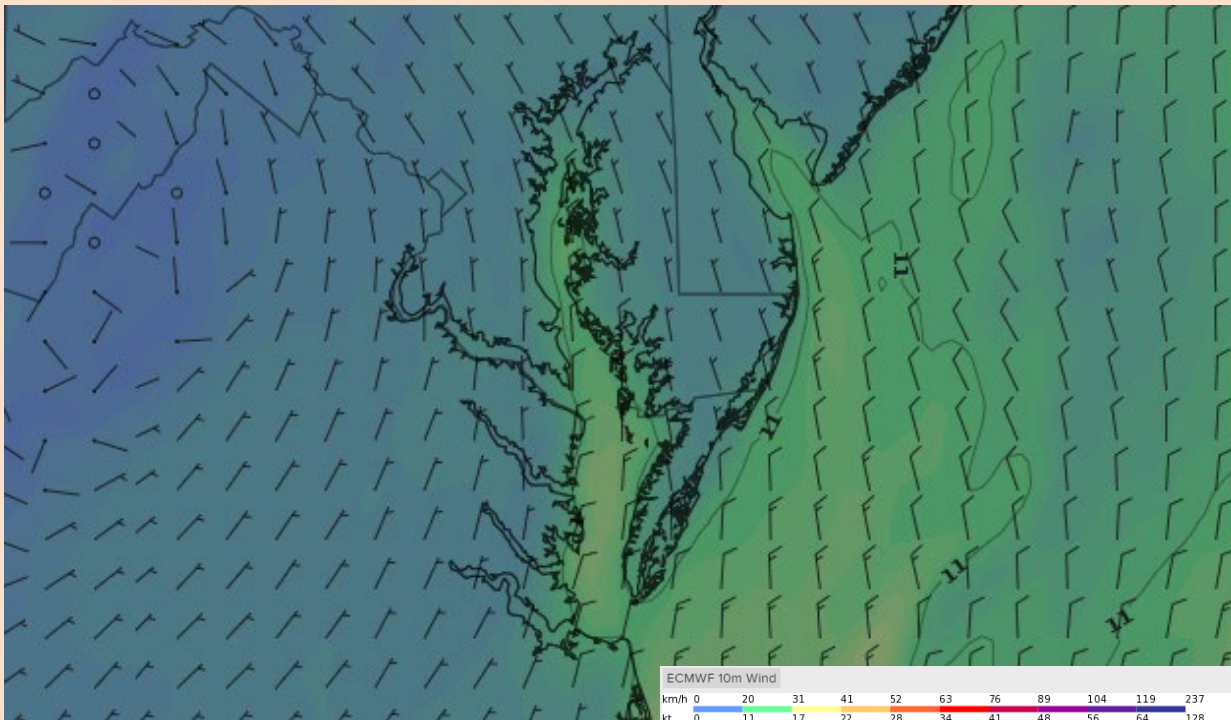
0800 EDT SUNDAY



High pressure moves to New England with a ridge extending Southwest west of Annapolis down to the Carolinas. Continued N'y component winds veering right NE and easing at first, then Building again on Sunday as high moves away/trough deepens.

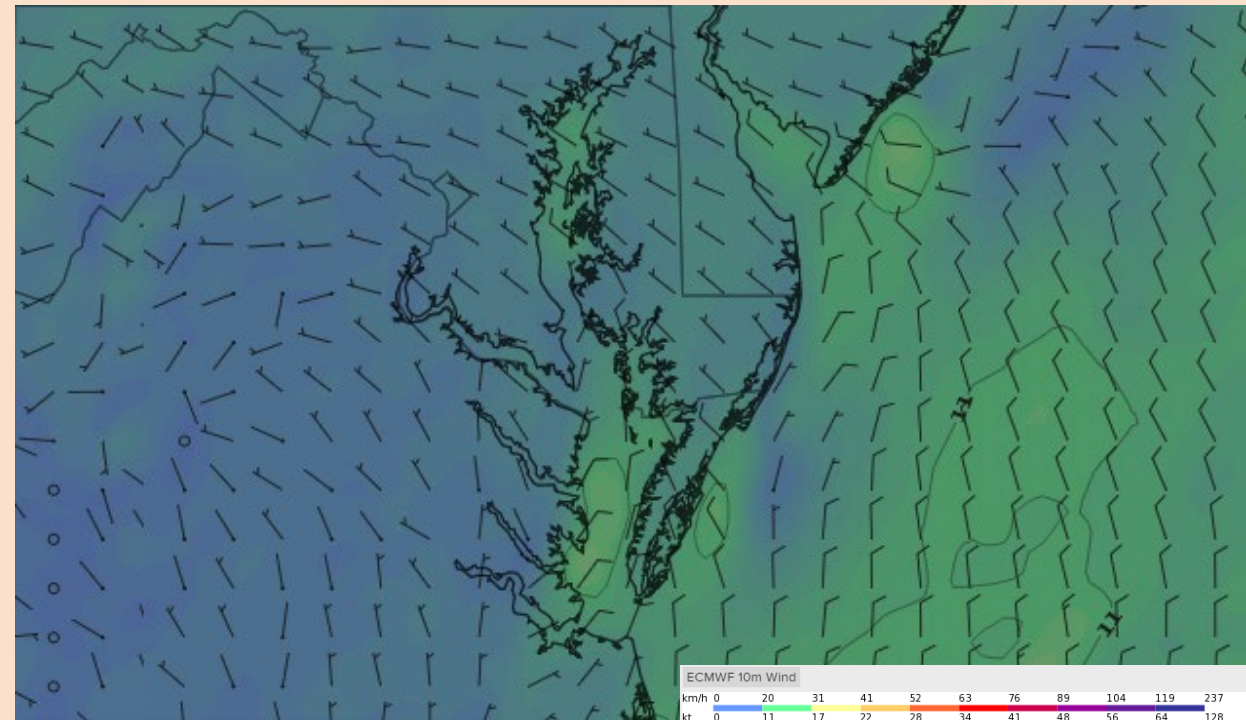
# WIND FORECAST

**1000 EDT SATURDAY**



Cold front to the east and high pressure over the Ohio Valley supports moderate and possibly fresh NW/N winds over the Chesapeake. Winds are expected to be strongest mid-to late-AM as gradient peaks with strongest mixing.

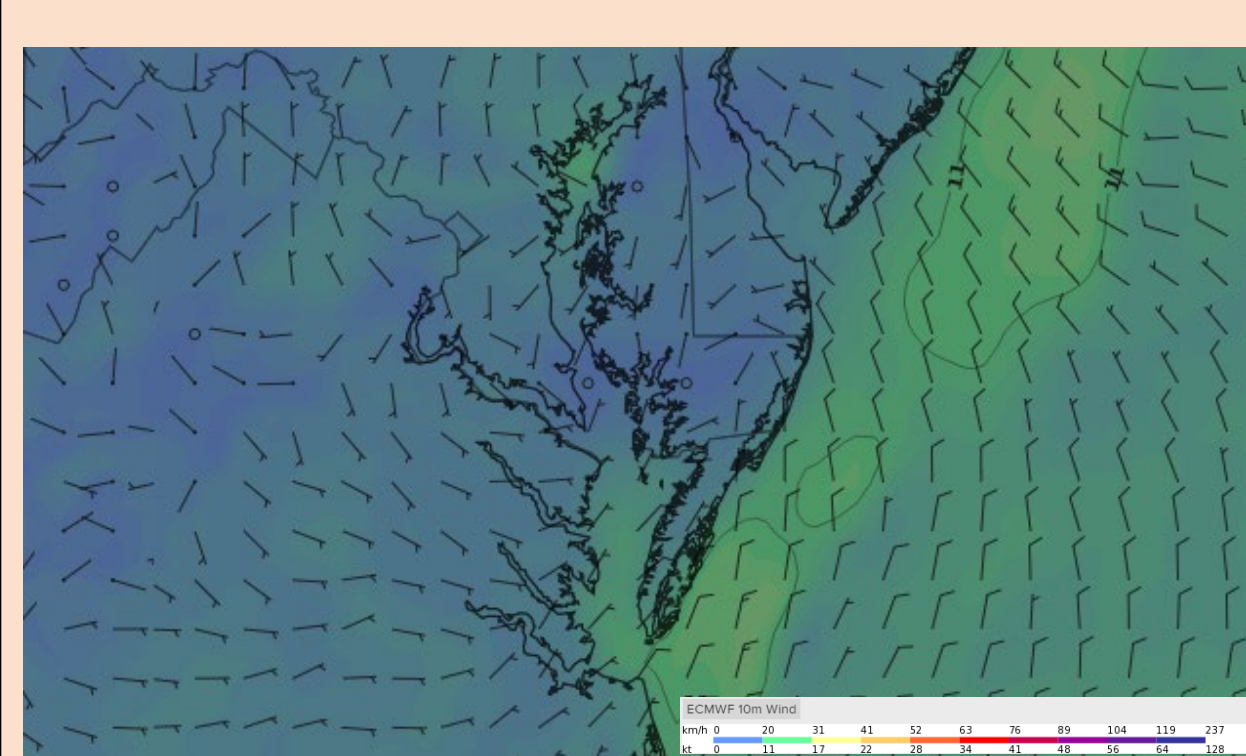
**1600 EDT SATURDAY**



High pressure moving closer into the picture from the west means a gradually weakening/easing gradient. Winds are forecast to ease but should hold until sunset most area. Note wind NW over northern bay and NNE over south. Lighter winds between.

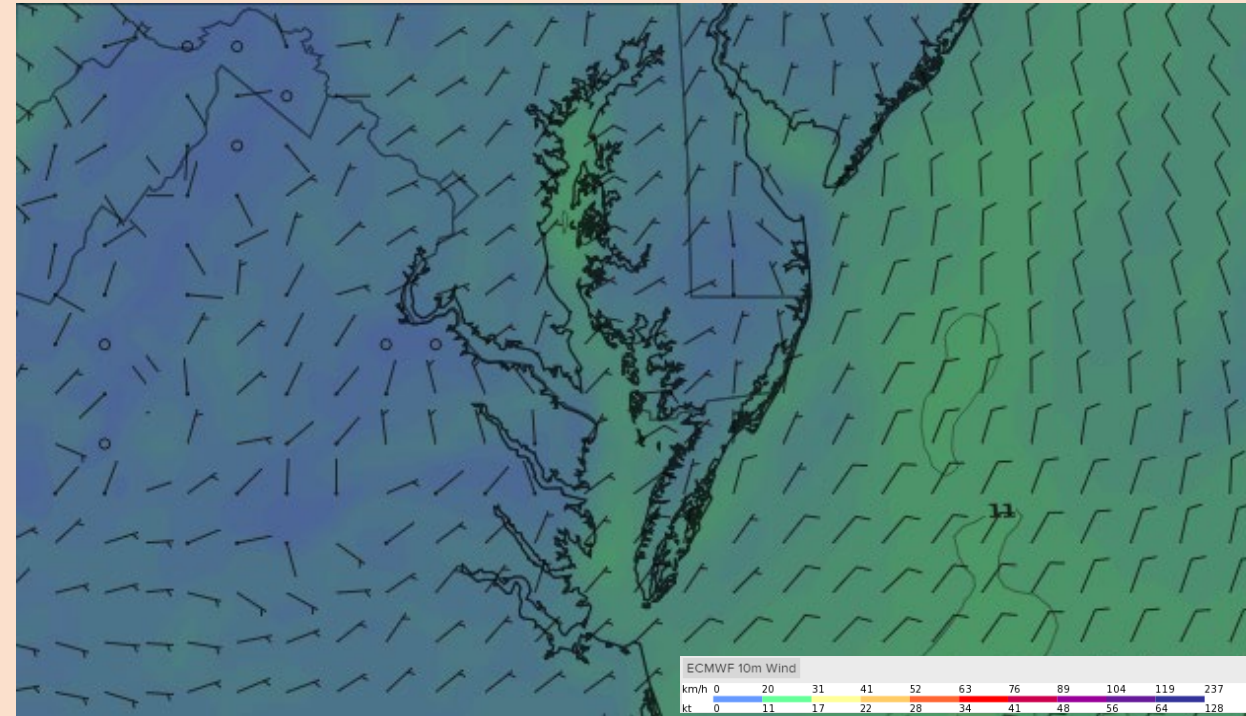
# WIND FORECAST

2200 EDT SATURDAY



Getting quite light across most of the bay. Cooling overnight decouples the gradient from the surface over the land, and this lighter air will expand over the bay. Variable NW Winds over the upper bay and NE over the lower. Light and Variable calm middle bay (Annapolis to Potomac).

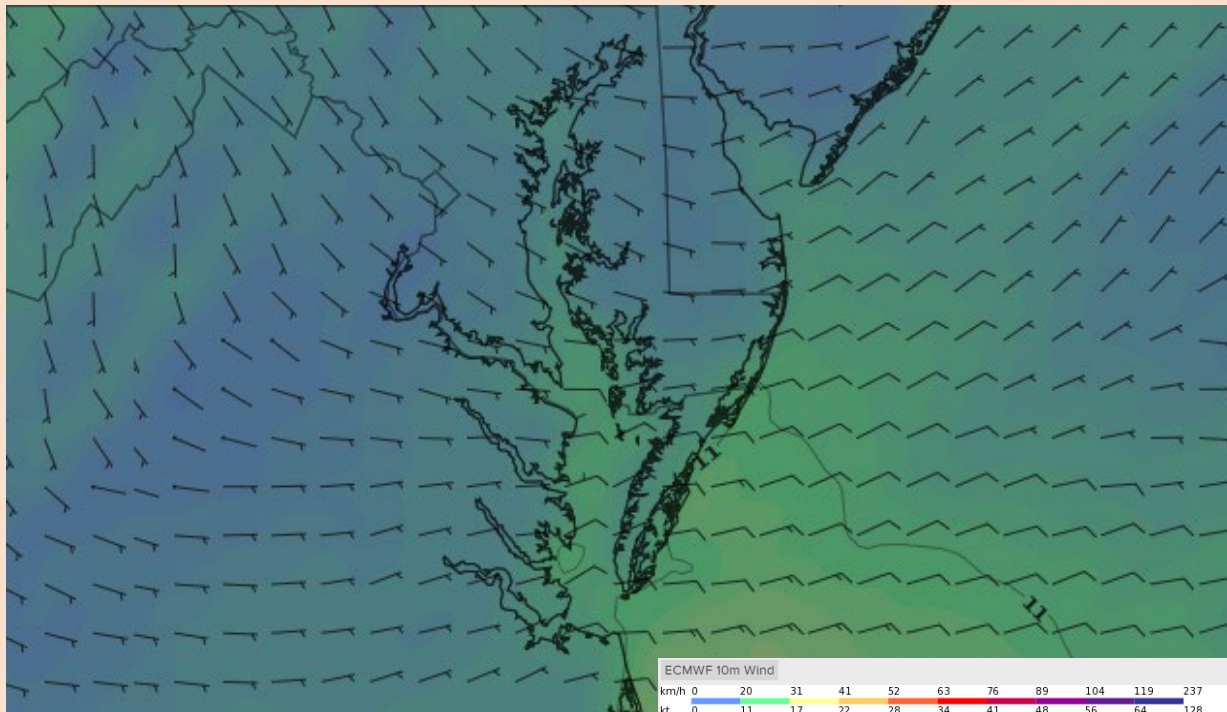
0400 EDT SUNDAY



Gradient re-establishes from the NNE/NE across much of the bay. This is combined effect of wind veering with high pressure moving to New England and stalled front offshore starting to deepen as a trough off the Carolinas..

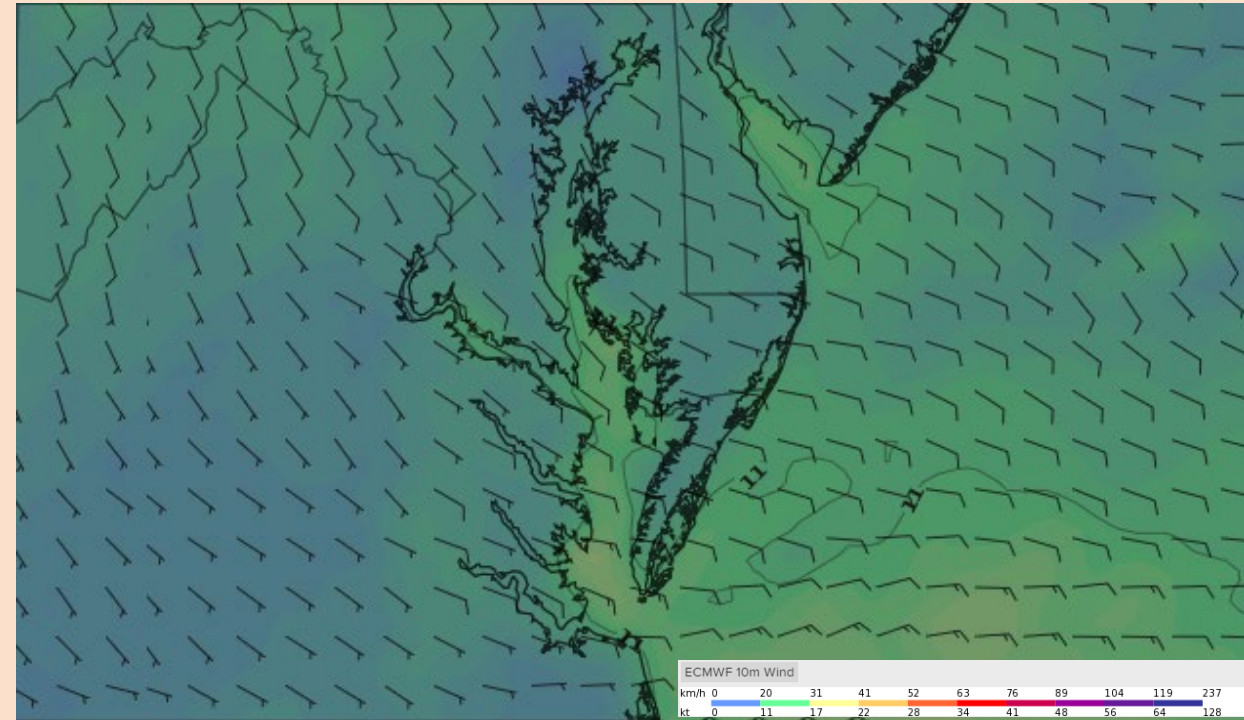
# WIND FORECAST

**1000 EDT SUNDAY**



General veering of gradient sets up NE > ESE winds from south to north. Lighter and more right-shifted upper bay, tending stronger and more left-shift southern bay. Fine weather.

**1600 EDT SUNDAY**



Gradient building from ESE/SE across all of the bay. Stronger in the south where it will also be more left-shifted. Lighter, more S'ly in the north.