

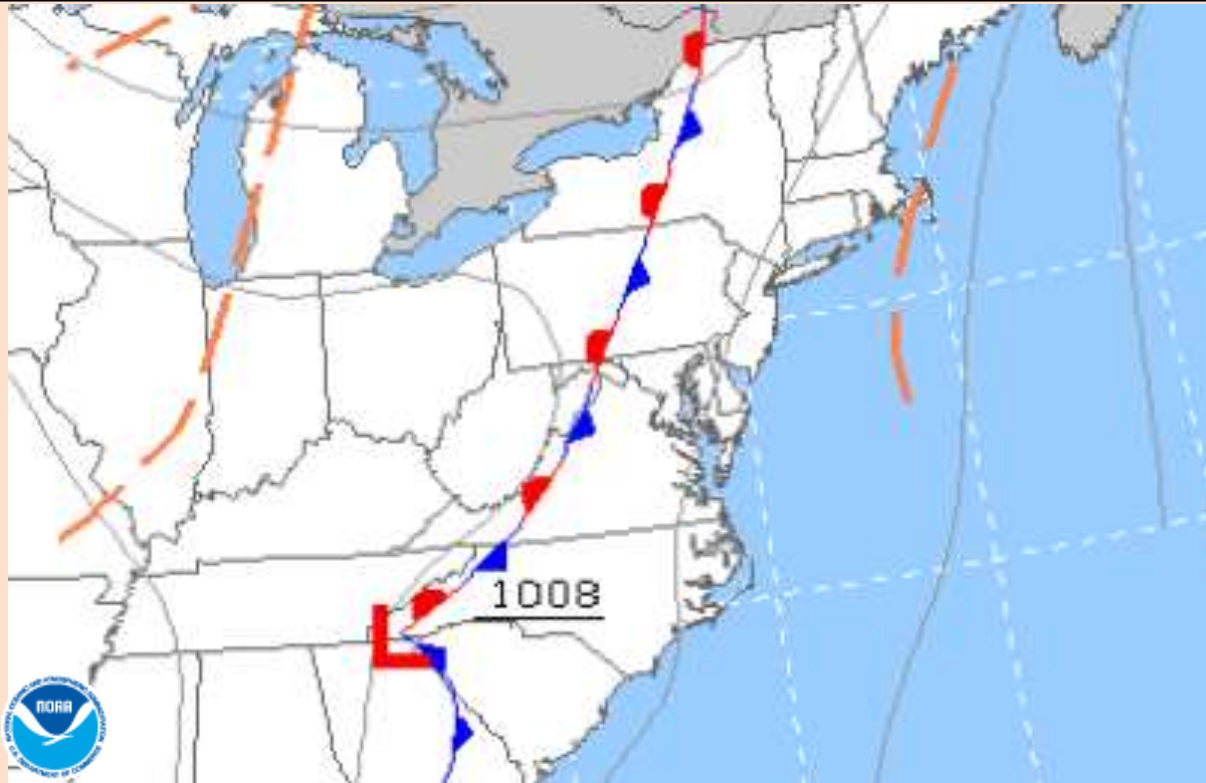
**ANNAPOLIS YACHT CLUB
2020 DOUBLE HANDED CHALLENGE
WEATHER OUTLOOK 3-4 OCT 2020
- ISSUED 29 SEP 2020 -**

Chris Bedford, CCM
The Weather Coach
www.sailwx.com

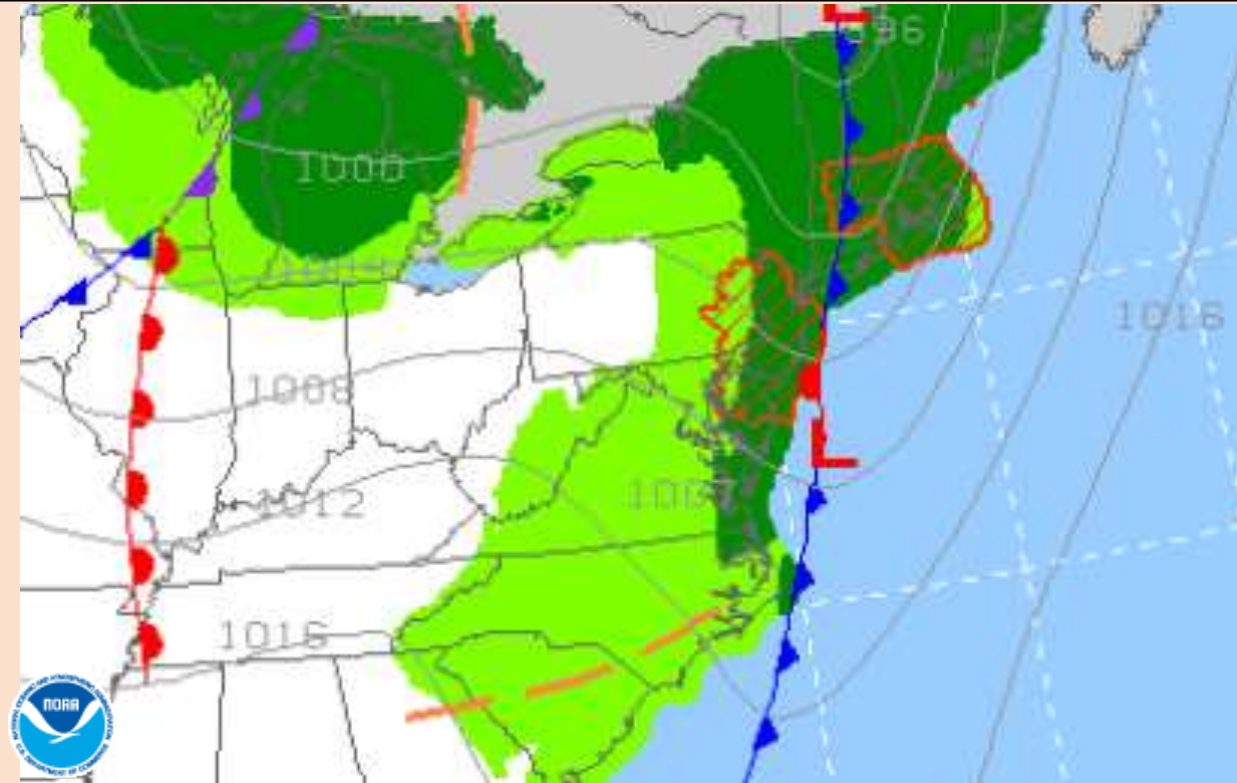


SURFACE FORECAST

0800 EDT TODAY



0800 EDT WEDNESDAY

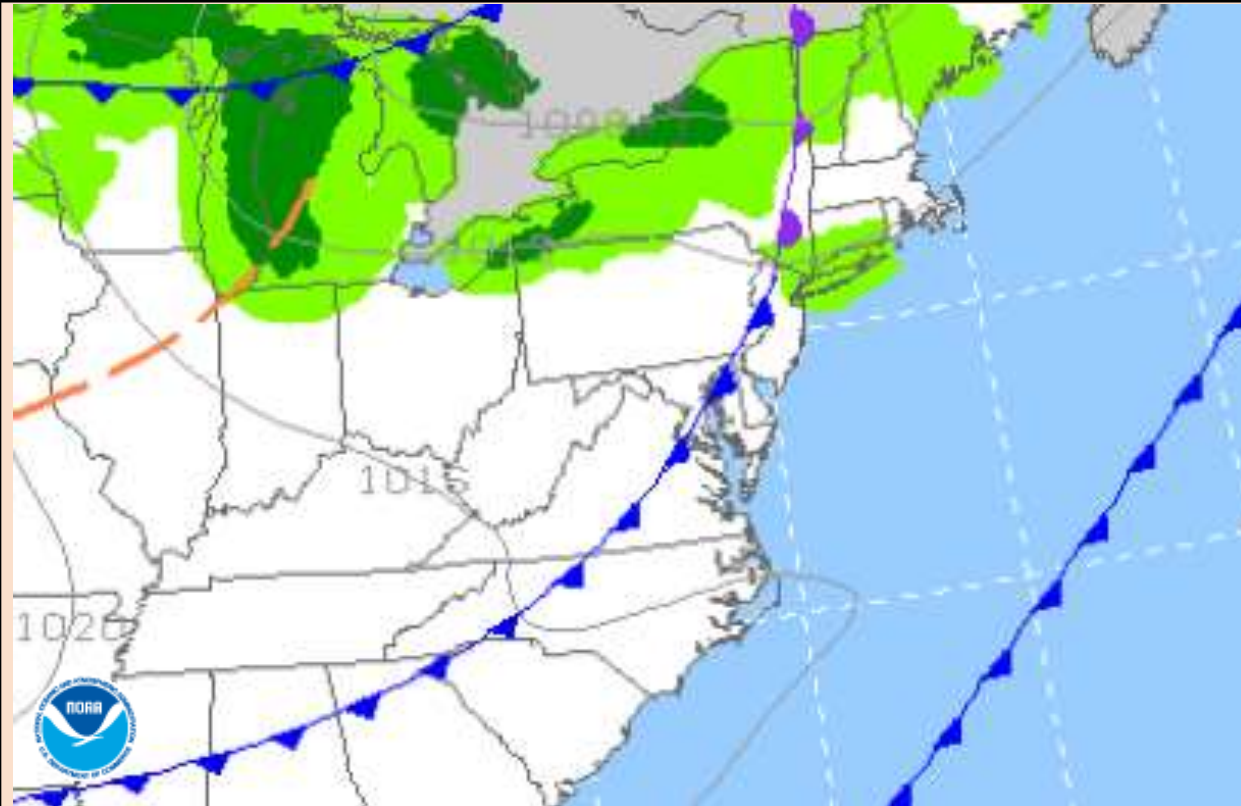


Eastern North America is in the throws of a large scale pattern change marking a transition from Summer to Autumn weather. Cold air is making a progressive push south and east out of central Canada and will cover the eastern US later half of week.

Cold front moving off the mid-Atlantic coast while a secondary and somewhat stronger push of cold air is making its way south east into the western Great Lakes. That secondary push is important in setting up the winds for racing Saturday/Sunday.

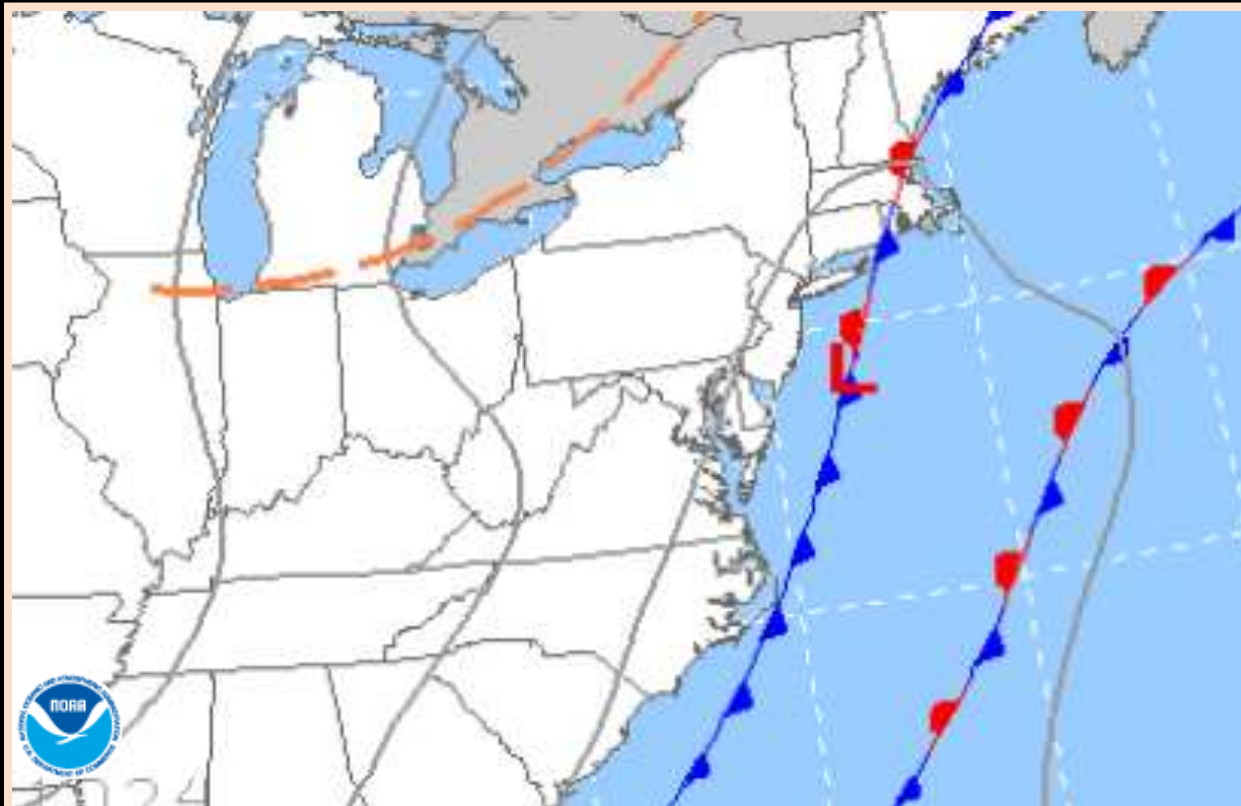
SURFACE FORECAST

0800 EDT THURSDAY



Cold air continues to infiltrate into the eastern US – more in steps rather than a single, abrupt transition. Multiple cold Fronts move off the mid-Atlantic coast. Most of the rain will Have moved off the coast, though showers still possible.

0800 EDT FRIDAY



The “final” front of this cold push is forecast to be off the Mid-Atlantic coast. A fresh to strong push of cold NW wind initially Behind the front, moderates a bit later Friday and into Friday Night. Weather clears overnight after daytime clouds.

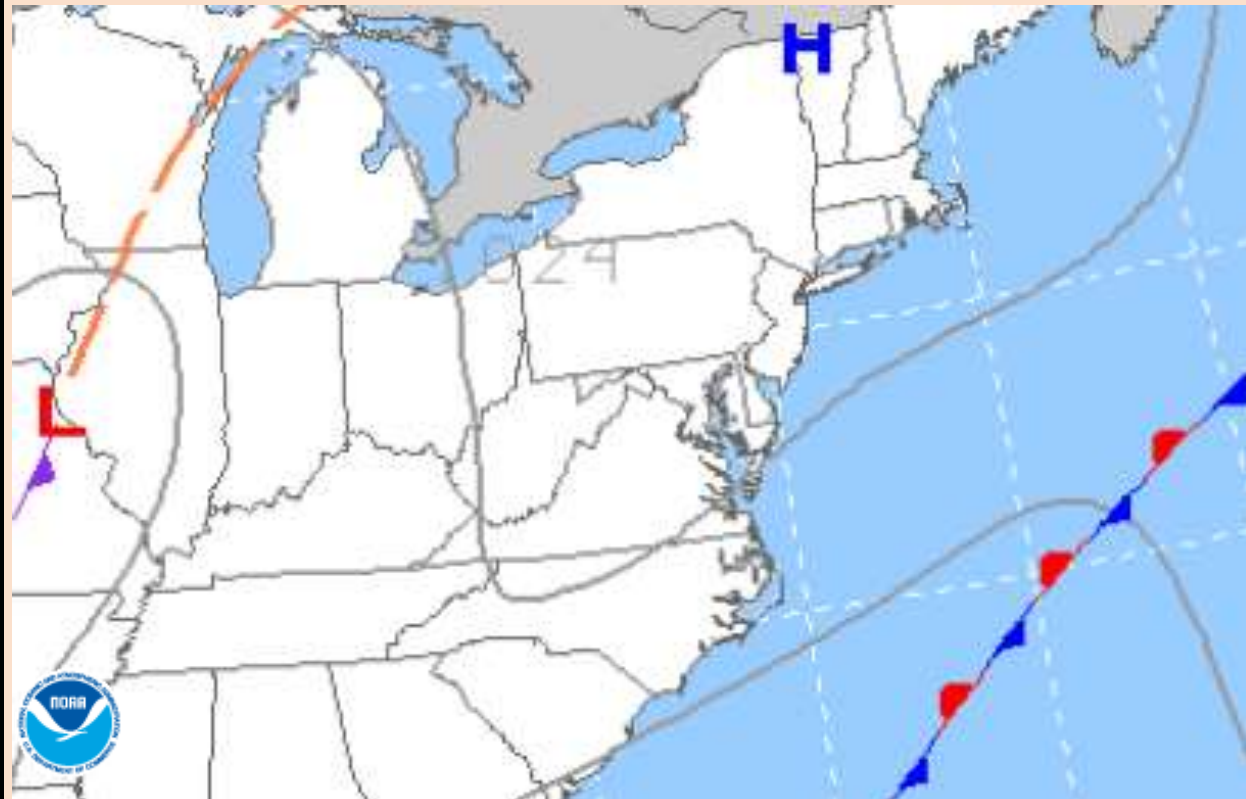
SURFACE FORECAST

0800 EDT SATURDAY



Cold front well off the coast while high pressure is over the Ohio valley – turning onto a northeasterly course are making its deepest south push. NW/NNW gradient winds veering NNW/N down the bay, easing slowly as the high edges closer.

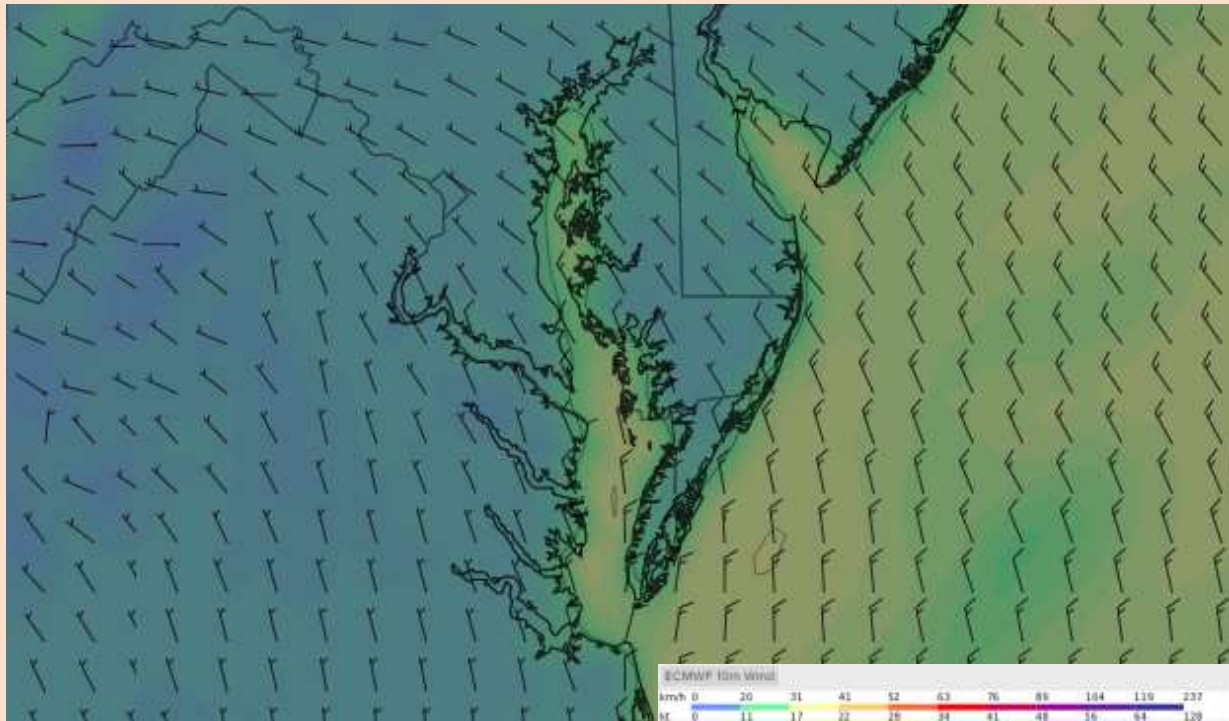
0800 EDT SUNDAY



High pressure moves to New England with a ridge extending Southwest along the spine of the Appalachians. Continued N'y component winds veering right and easing from north to south with time. Mainly cool, sunny, and dry.

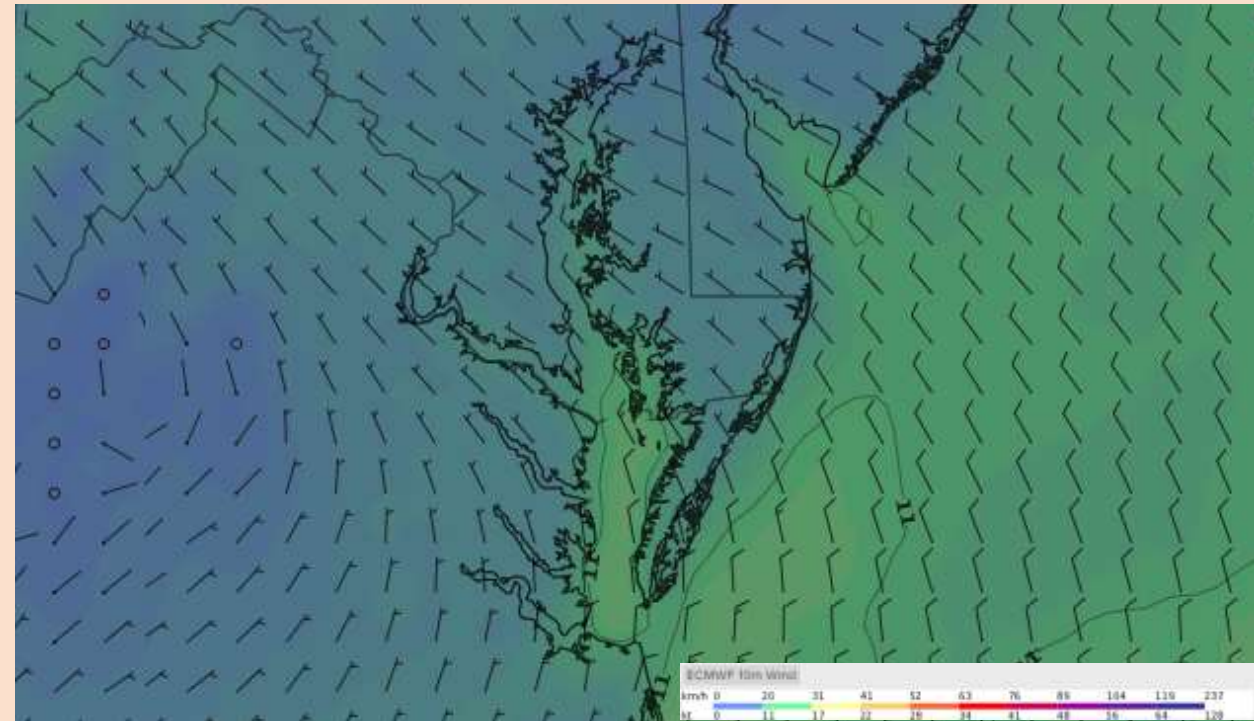
WIND FORECAST

1000 EDT SATURDAY



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

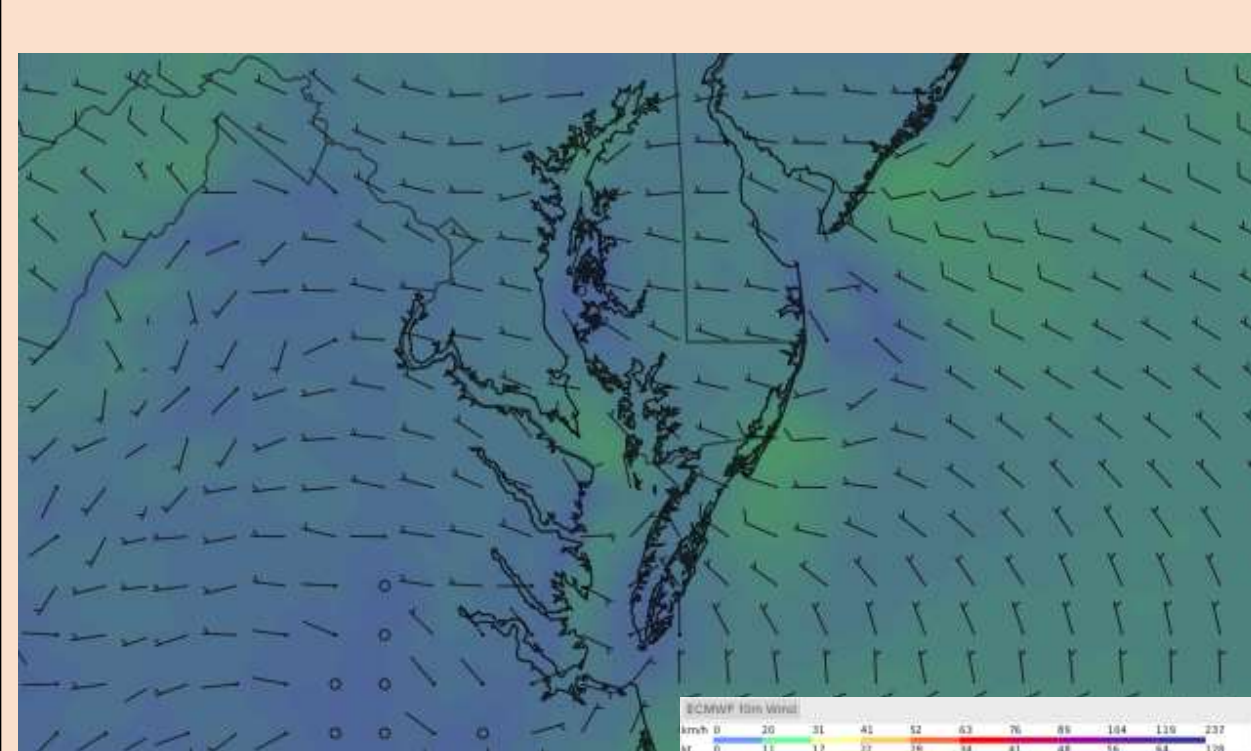
1600 EDT SATURDAY



High pressure moving closer into the picture from the west means a gradually weakening/easing gradient. Winds are forecast To ease from north to south across the bay. Here we see winds backing – especially northern bay. However actual trends will depend on exact position of high pressure to west.

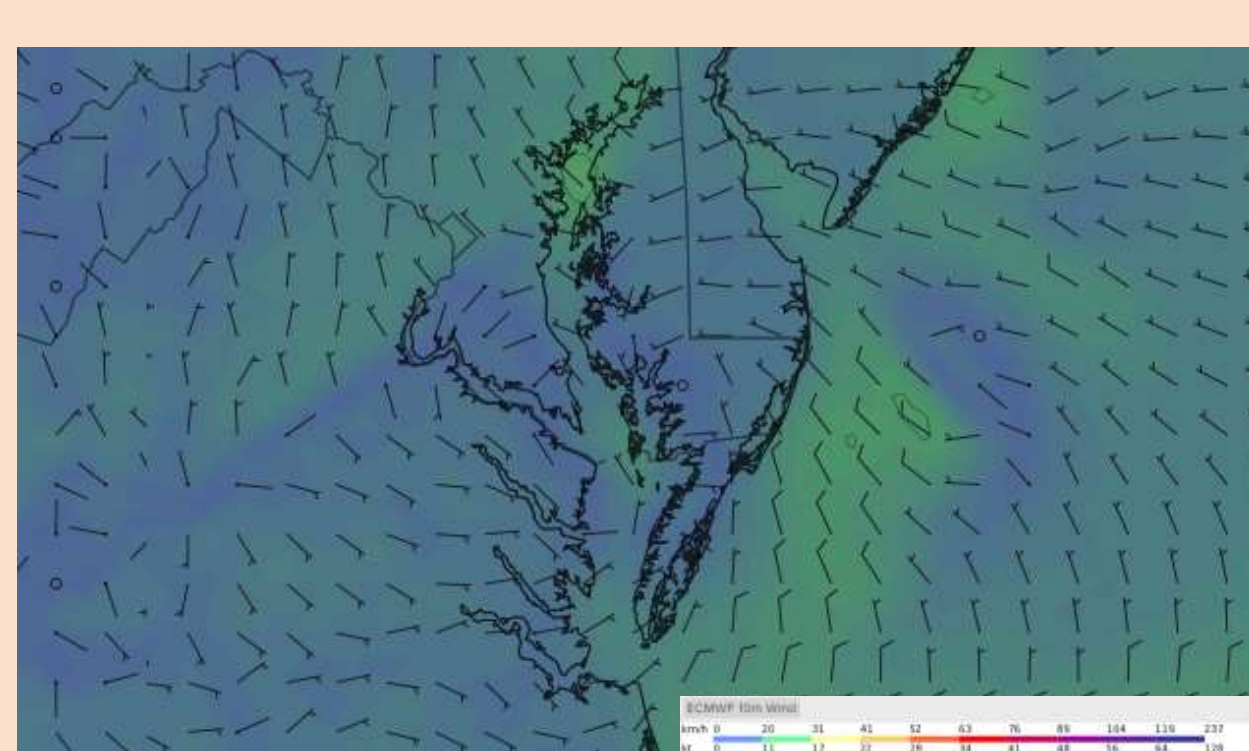
WIND FORECAST

2200 EDT SATURDAY



Getting quite light across most of the bay. Cooling overnight. Will decouple the gradient from the surface over the land, and this lighter air will expand over the bay. Some local winds related to drainage possible. Forecast fine tuning necessary on Saturday morning when the movement of high is detailed.

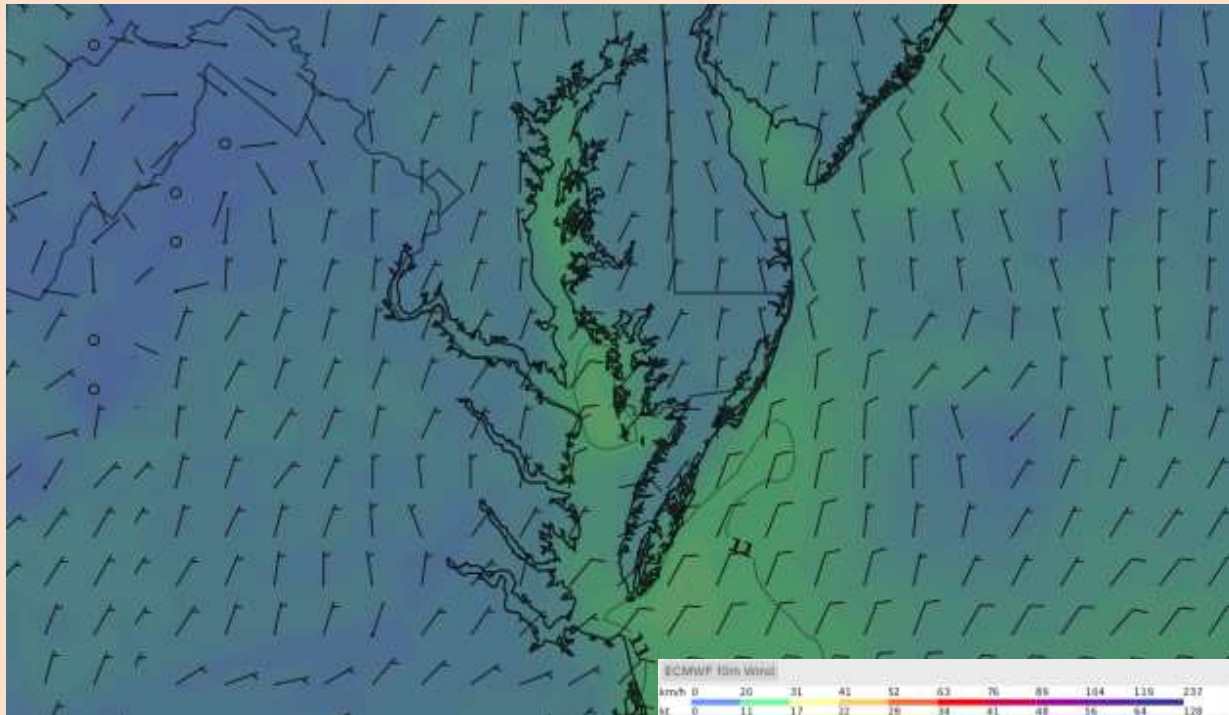
0400 EDT SUNDAY



Quite light across most of the bay. N'y gradient and some drainage flow in the north. Southern Bay, gradient veering NE with some flow there. Variable winds mid-day. Details to be worked out, but light until sunrise of after.

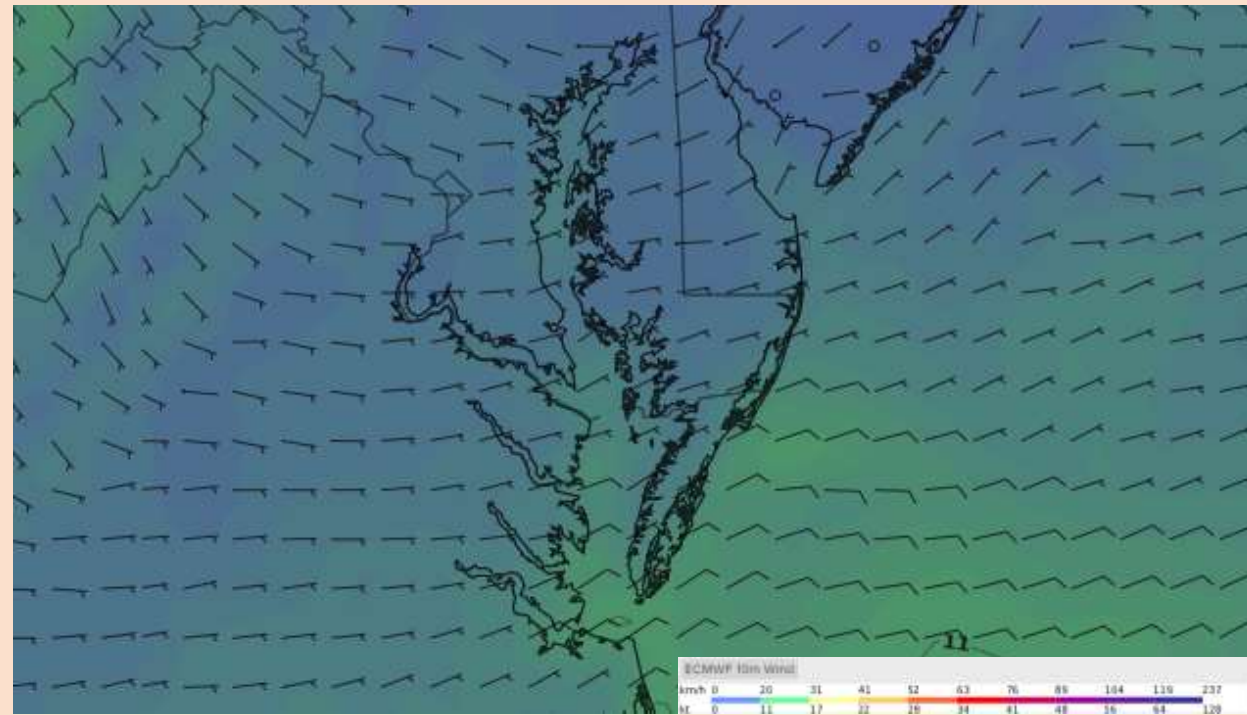
WIND FORECAST

1000 EDT SUNDAY



After sunrise, heating on the land should mid-gradient back in. As dominant wind. Generally becoming NNE to NE, moderate. More N/NE in the north and NE in the south. Fine weather. Some thermal cumulus may develop over land and drift south.

1600 EDT SUNDAY



Generally a veering/easing gradient. Tending NE to ENE and possibly E. Easing from north to south. Continued mainly fine and dry weather.