

Summary: Lookout for some possible strong thunderstorms later tonight into early Thu coming off the coast from the NW...

- 1) The current weather map features a weak and broad ridge of high pressure stretching from the Deep South region of the U.S. eastward between 30-32n out into the Atlantic Ocean.
- 2) A cold front stretches from SE Canada SW down the spine of the Appalachians to around western North Carolina.
- 3) Another area of high pressure is across Hudson Bay in Canada ridging south into the Great Lakes region.
- 4) An area of low pressure is across the northern Great Plains region of the U.S. with a warm front stretching east and a cold front extending NW.
- 5) You will continue with good SW winds for the rest of today with winds tending to back a bit.
  - a) Speeds will average near 20 knots much of this time this PM.
- 6) The high pressure ridge will remain in place into Thu with the eastern end out in the Atlantic rotating a bit southward and a broad area of low pressure will develop in the Canadian Maritimes with the associated cold front will push off the New England coast with the western end of the front stalling near the Mid Atlantic coast with high pressure pushing S and SE out of Canada toward the NE U.S.
  - a) You will get into the frontal zone early Thu with winds diminishing and becoming much lighter than today.
    - b) Wind direction will veer into the NW to N and then likely becoming variable late Thu.
- 7) For Fri, low pressure will remain stalled across the far eastern Canadian Maritimes with the associated cold front continuing to stretch SW turning into a stalled front near the Mid Atlantic coast, the ridge of high pressure will continue to stretch from the Deep South region of the U.S. E and ESE out into the Atlantic and high pressure will continue ridging south from Hudson Bay in Canada into the eastern Great Lakes and NE U.S.
  - a) It looks like a trough of low pressure will pass thru Fri AM with a freshening N to NNE wind for a time then lighter winds later Fri with local sea breezes possible but overall probably motoring most of Fri.
- 8) Seas will be moderate this afternoon with SW swell and wind wave chop, then will diminish by Thu and remain on the low side the rest of the way.
- 9) General weather should be mainly quiet this afternoon and evening, then a round of showers and thunderstorms looks to track NW to SE along the stalled front around the Mid Atlantic area, some of which could be on the strong side, then any activity will end by midday Thu with quiet weather the rest of the way.
  - a) Any heavier thunderstorm late tonight/early Thu could bring a brief gust to 35-40 knots.

Routing...Mainly a direct course looks best especially Thu-Fri in the light air

conditions. Some estimated positions below.

#### Wind forecasts

Wind directions true, wind speed in kts, and time is EDT

Wed, June 18

14: 220-240/18-25 g30

20: 210-230/16-23

Weather...Partly cloudy this afternoon. Chance of showers/t-storms later tonight coming in from the NW, some thunderstorms could be on the strong side late tonight with gusty winds up to 35-40 knots

Seas 4-6 ft, SW swell and wind waves and choppy in any heavier t-storm late tonight

Thu, June 19

02: 240-270/10-15

08: 280-310/ 6-12      nr 37n/74 45w

14: 320-350/ 5-10

20: light/variable

Weather...Chance of early showers and thunderstorms, then variably to partly cloudy

Some thunderstorms could be strong early Thu with gusty winds to 35-40 knots

Seas diminishing to 2-3 ft, briefly choppy near any heavier t-storm

Fri, June 20

02: 330-360/ 5-10

08: 010-030/10-15      nr 39 15n/74w

14: light/variable

20: 170-190/ 5-10      approaching NYC

Weather...Variably to partly cloudy

Seas 2-4 ft