

## Weather and Birds worksheet

Using the following web sites and the readings from Proctor and Lynch, answer the following questions:

<http://www.nws.noaa.gov/>

<http://www.wfsb.com/wxmap/9448506/detail.html>

<http://www.weather.com/weather/local/06269>

<http://www.birdcapemay.org/forecast.shtml>

<http://virtual.clemson.edu/birdrad/radar.htm>

<http://www.ctbirding.org/links.htm>

Which direction are the prevailing winds out of today?

Which direction will they be out of tomorrow?

Pretend that today is April 30<sup>th</sup>, and any precipitation you see on the weather maps is rain. Migrants are heading northward across the entire width of the North American continent. How is the weather pattern you see going to influence the movement of the migrants in our area?

Will it be easy or hard for the migrants to move directly north? Why?

Is the weather likely to cause the birds to concentrate in any one area? If yes, where?

What major landforms (e.g. mountain ranges, bodies of water, coastlines) are likely to also influence the birds' movements?

Draw a picture illustrating the interaction of the weather and the birds, and showing the likely patterns of movement by the birds.

When is today's high tide?

How about on next Friday?

If we were going on a field trip to the coast next week, how do you think this information should influence what we might do on the field trip?

Under what weather conditions would you be most likely to find oceanic seabirds in Long Island Sound?

What weather conditions would make for best migrant watching along the Connecticut coast during the fall? What type of places would be good to go to if you wanted to see lots of migrating hawks in the fall? What about migrating songbirds?