

Time : _____

GROUP Name _____

1. **Location:** We will be comparing data with other groups along the Hudson, so it is important to note our exact location. Location Name Piermont Pier

Using your Hudson River Estuary map, give your location in *river miles*: 25 W

GPS Latitude: _____

GPS Longitude: _____

2. **Weather Conditions:** Complete the grid below to assess cloud cover, air temperature, wind direction (where the wind is coming from) and average wind speed from the anemometer.

SAMPLE

<p>SKY COVER (%)</p> <div style="display: flex; justify-content: space-around;"> </div> <p>100 75 50 25</p>	<p>TIME 9:45 AM</p> <p>19°C / 67°F</p> <div style="text-align: center;"> </div>	<p>TEMPERATURE</p> <p>SKY COVER</p> <p>WIND DIRECTION</p> <p>WIND SPEED</p>
<p>WIND SPEED (KNOTS)</p> <div style="display: flex; align-items: center;"> <div style="border-bottom: 1px solid black; width: 50px; margin-right: 5px;"></div> <div style="margin-right: 5px;">5</div> <div style="border-bottom: 1px solid black; width: 50px; margin-right: 5px;"></div> <div style="margin-right: 5px;">10</div> </div>	<p>DAY <u>Friday</u> DATE <u>5/20</u></p>	
<div style="text-align: center;"> <p>N</p> <p>S</p> </div>		

3. Please also use the Beaufort chart to complete the section below as other students across the area will also use that measure.

Wind speed: Beaufort Chart: Force #: _____

Wind Speed in Km/hr _____ Knots _____

Time: _____

Day: _____ Date: _____

4. **Other important weather considerations:**

Precipitation today (rain)? _____ If so, how much? _____

Briefly describe the weather for the last 3 days: Any rain, wind or unusual temperatures?

Time: _____

Day: _____ Date: _____

Any unusual changes in the weather in the last week?