Check the summary in unit 4 reading for due dates for assignments.

Print out the pages of this handout where you answer the questions starting on page 2.

The assignment

1. Explain this picture in terms of the properties of water in a paragraph. Use the proper vocabulary pertaining to this phenomenon from the water properties reading. (5 points)

2. To see how large bodies of water respond to excess heat and an overabundance of carbon dioxide over a long period of time by watching the video on the warming of the oceans from Now on PBS. (10 points)

Go to http://video.pbs.org/video/1171014172/search/global%20warming/tag/climate%20change
Summarize what you have learned from this video in one or two paragraphs

   Answer the questions pertaining to this web site (10 points)
Answer Sheet for Water Assignment

Name ____________________________________________

1. Paragraph on picture of water striders.

2. Summary of video on oceans from PBS Now
3. Questions from David Suzuki Foundation
   a. How fast does the conveyor move?
   
   b. What happens to surface waters at the tropics?
   
   c. What happens to water when it cools?
   
   d. What is the oceanic abyss (have to look up)?
   
   e. How long does it take for water to complete one cycle of the conveyor?
   
   f. What is the NADW?
   
   g. How is the Gulf Stream involved with the conveyor?
h. What property of water gives Europe its mild temperatures?

i. Can the conveyor belt undergo sudden changes?

j. Can global warming cause ocean temperatures to drop?