**The Gulf Stream Explained**

[**https://www.youtube.com/watch?v=UuGrBhK2c7U**](https://www.youtube.com/watch?v=UuGrBhK2c7U)

1. What is the conveyor belt called?
2. Thermo means?
3. Haline means?
4. Describe what occurs at the equator that changes the density.
5. What is the main property of water that causes it to move?
6. The Gulf Stream moves toward \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Trade winds blow warm water to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. What “splits” the west winds?
9. What are “chimneys”?
10. What/who travels on the Gulf Stream?
11. What would the melting of the polar ice caps do to the density of the water?
12. How would this positive feedback loop affect the Gulf Stream?