

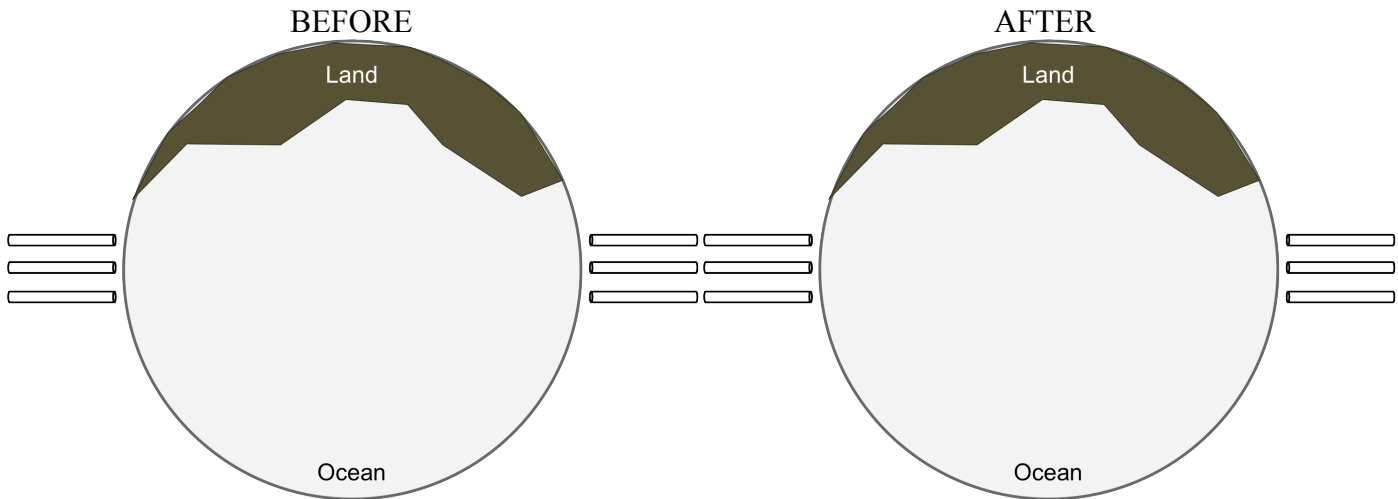
Ocean Convergence: Let's Get Together – Worksheet

Name: _____

Date: _____

Model Demonstration:

1. Draw the pattern of the confetti before and after your group blew “wind” across the “ocean.”



Map Data Interpretation:

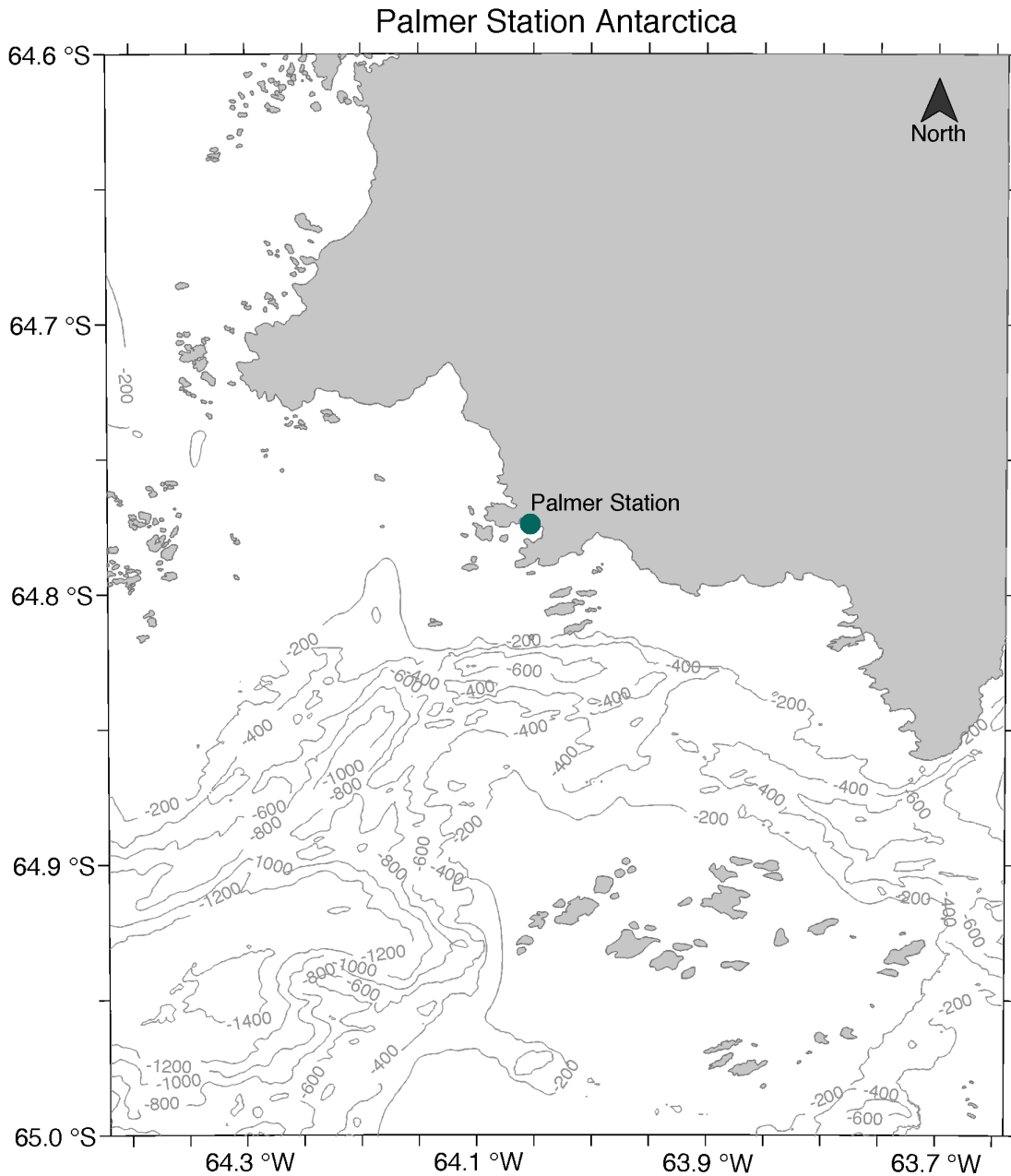
2. When was your map created (what time and date did the data come from)?

3. Did you observe any convergence zones (two darkest orange colors) on your map? If so, where was it?

4. Was the general location (in the ocean vs. near land) of the convergence zones on your map similar or different than your patterns of the confetti from earlier? Explain what you mean.

Scientific Explanation: Are there differences in the location and/or size of convergence zones over time near Palmer Station?

Draw the location of the convergence zones from all of the maps on the map below.



Evidence: Provide scientific data from the Surface Currents & Convergence Zone map to support your claim. Use appropriate and sufficient data.

Reasoning: Use your evidence to show how your data result in your claim. Also, tell why your data count as evidence to support your claim by using scientific principles. Remember, reasoning is the process where you apply your science knowledge to answer the question.

Claim: Write a statement that responds to the above driving question.

What new questions do you have?