

Pre-Calculus Activity Guide Sheet

Weather: Modeling Real Data

**Group Members** \_\_\_\_\_

**Type of Data:** \_\_\_\_\_

**Instructions:**

This is a group assignment. Each group will be given a set of data. Take the given data and work together with your group to find a function that models your data. You are to work only with your group. You may use a graphing calculator and any other material supplied by your teacher. You will have approximately 20 minutes to complete this assignment so don't get off task. You will be asked to present your work and findings to the class. Everyone in the group must participate and contribute.

Function (Model): \_\_\_\_\_

What were two problems your group encountered coming up with the function?

How did you decide what type of function (model) to use?

How accurate do you think your model is?

Use your function (model) to predict any missing data. Show your all your work and calculations.

Predictions for missing data: \_\_\_\_\_