

Name:

Date:

Activity 3.2.2

Reading the Sky Data Sheet

Objectives:

To practice identifying clouds using a cloud chart.

To observe the sky for several days and record the types of clouds and the percentage of sky cover.

To make weather predictions based upon cloud type, and compare predictions against official forecasts and the actual weather experienced.



Clouds and Weather

Use the compass to determine the wind direction. Record the wind direction on your worksheet.

Use the cloud descriptions, cloud charts and descriptions on the student worksheet to observe the clouds and determine the cloud type. Record the cloud type on your data sheet.

Based on the cloud type make a weather prediction and record your prediction on the worksheet.

During the next class period record the actual weather that occurred.

Continue to determine the cloud type and record your weather predictions for one to two weeks.

At the end of the data collection period compare your predictions with the weather that occurred. How accurate were you? Compare your results with the results of other teams. Were they able to predict the weather accurately?

Observe the sky for one week. Using cloud charts, in print or online, record the cloud type and the percentage of sky that's covered with clouds. Make weather predictions based on the clouds (using Student Worksheet 3.2.1) and check to see how accurate your predictions were. Paste your results and observations into your WEATHERlog.