



## Investigation 3:

# Weather Maps

## Materials Needed

For this part of the investigation your group will need:

- three weather maps from different newspapers
- information on weather-map symbols
- weather map with symbols for clear skies, cloudy skies, partly cloudy skies, and rain
- weather map with symbols for high pressure and low pressure
- overhead transparency sheet
- two or three colors of overhead transparency markers
- weather map with temperatures only
- weather map showing  $10^{\circ}$  isotherms
- colored pencils



## Key Question

Before you begin, first think about this key question.

**What can weather maps tell you about weather?**

In a previous investigation you learned about some of the techniques used to measure elements of weather. You have already learned some of the ways this information is displayed on maps. What are some of the other ways this is done?

Share your thinking with others in your group and with your class. Keep a record of the discussion in your journal.



## Investigate

### Part A: Working with Weather Maps

1. Obtain copies of three newspaper weather maps from different sources.