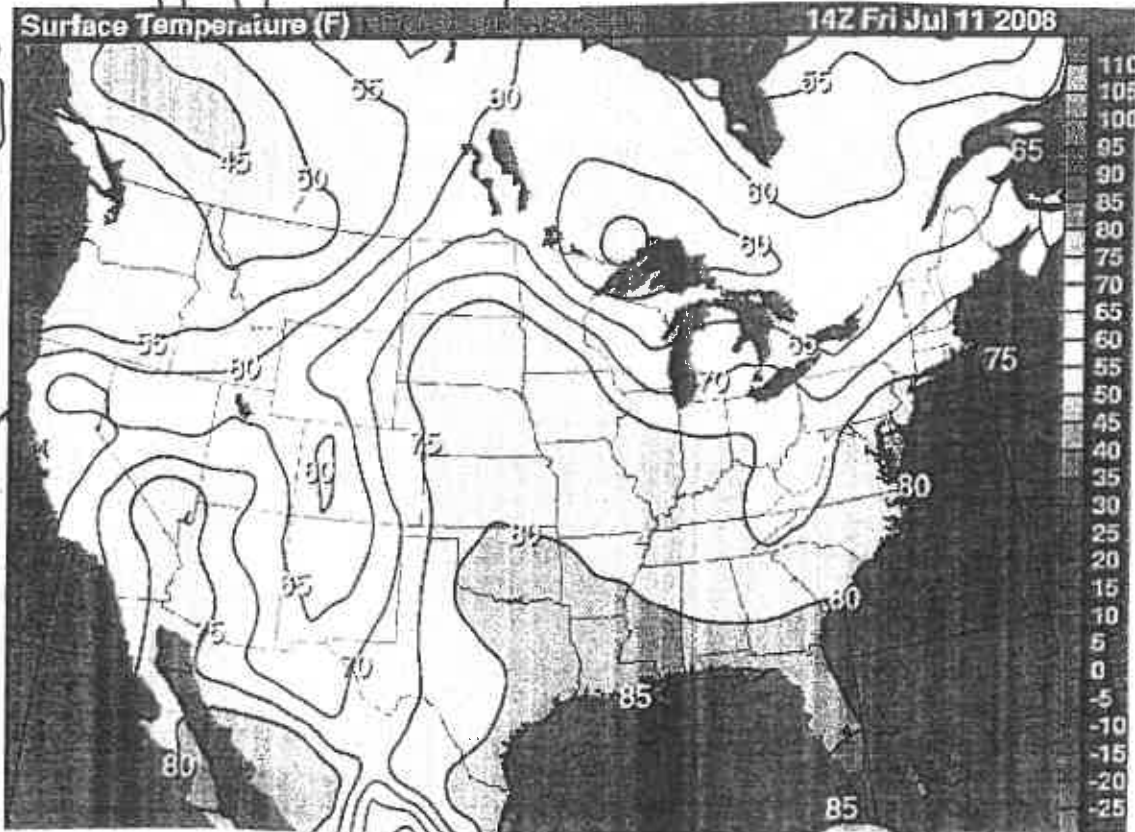


# Weather Mapping Activity Name \_\_\_\_\_

Chapter 21

Example



(1) Based on this isotherm map, in what direction would you head from New York state to find warmer temperatures?

(2) Based on this isotherm map, what should people in New York state expect to happen to their temperatures over the next two days? Explain how you know.

(1) In what part of the United States is the high pressure center located? \_\_\_\_\_

(2) In what part of the United States is the low pressure center located? \_\_\_\_\_

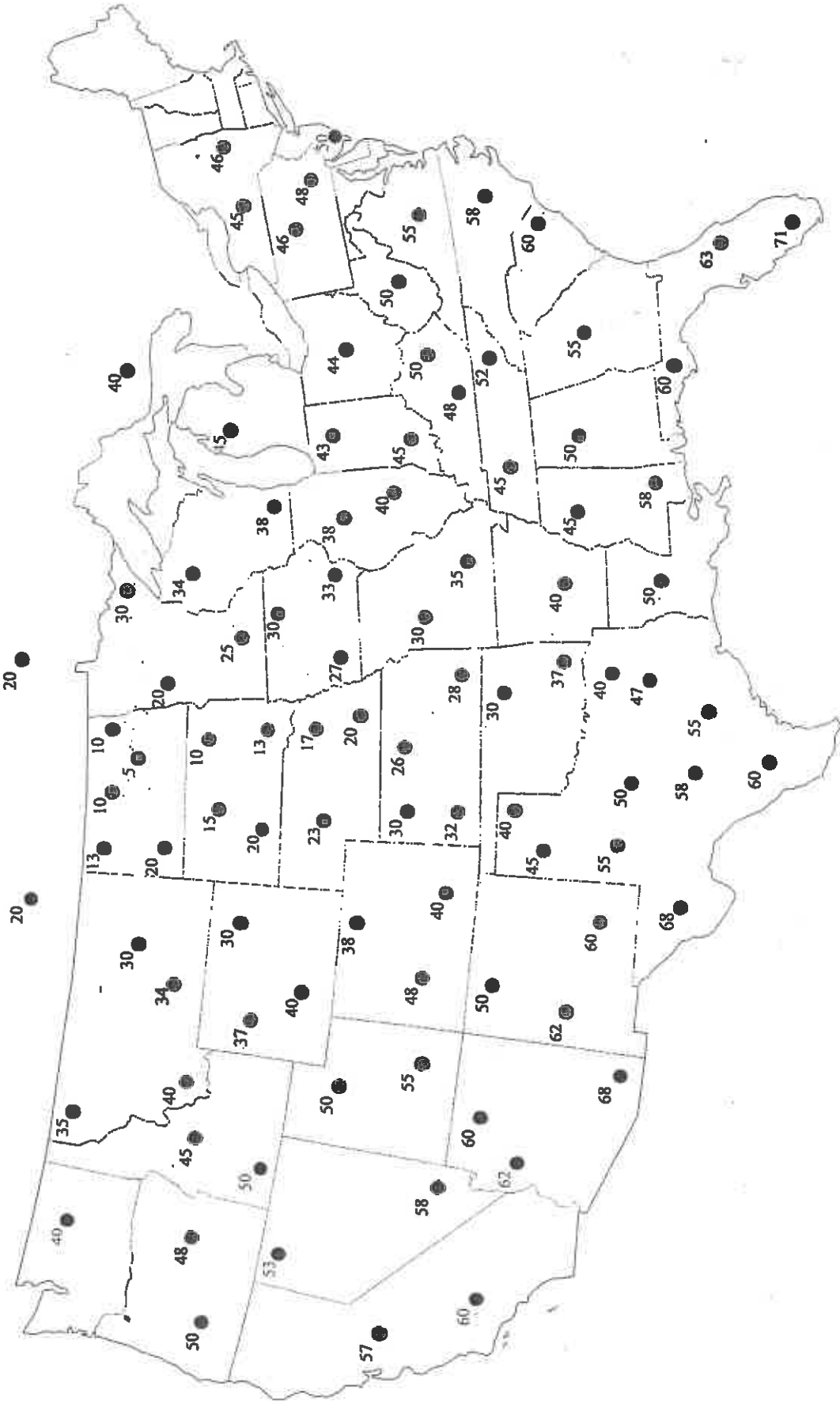
(3) On which side of the low pressure center would the winds be the strongest? \_\_\_\_\_

(4) What evidence do you have to support your answer for question #3? \_\_\_\_\_

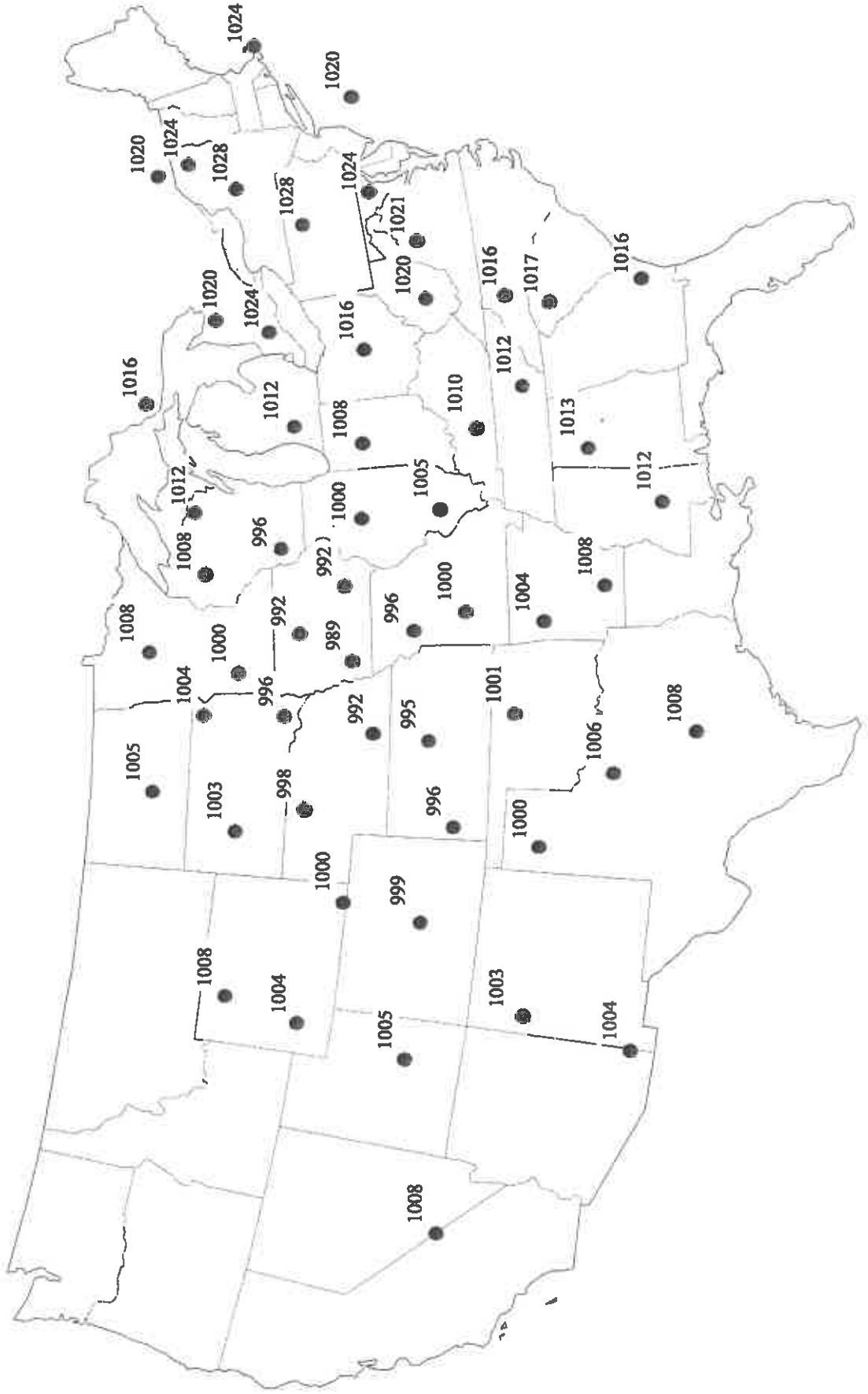
(5) In the next two days, what should the people of New York expect to happen to the barometric pressure? \_\_\_\_\_

(6) Circle each of the characteristics that people in NY State should expect with the approaching low pressure center.

- |     |             |            |
|-----|-------------|------------|
| (a) | warmer      | colder     |
| (b) | dry         | moist      |
| (c) | sinking air | rising air |
| (d) | clouds      | no clouds  |



# Isotherm Map



Isobar Map