## **CLASSROOM ACTIVITY**

## **TORNADO ALLEY!**

The diagram below shows the number of reported tornadoes by county in the 54-year period from 1950-2003.

Analysis:

- 1. Shade in red each county that reported 54 or more tornadoes in the 54-year period. These counties experience on average, at least one tornado per year. Using a map of Oklahoma, list these counties.
- 2. Based on the shaded areas in Question 1, have more tornadoes been observed in the Panhandle, in Western Oklahoma, in Central Oklahoma, or in Eastern Oklahoma?
- 3. What other factors can you think of that might influence tornado reports? [Teachers Note: Consider factors such as population and county size]
- 4. Which county has the most reported tornadoes since 1950?
- 5. How many tornadoes does this county average per year? (Take the total number of tornadoes and divide by 54 years. The answer should be expressed in tornadoes per year.)
- 6. Which county has reported the least number of tornadoes?
- 7. Using the data, which city has likely experienced the most tornadoes, Tulsa or Oklahoma City?

## Number of Tornadoes by County: 1950-2003

Based on 1950-2003 tornado occurrences compiled by NWS OUN's Doug Speheger

