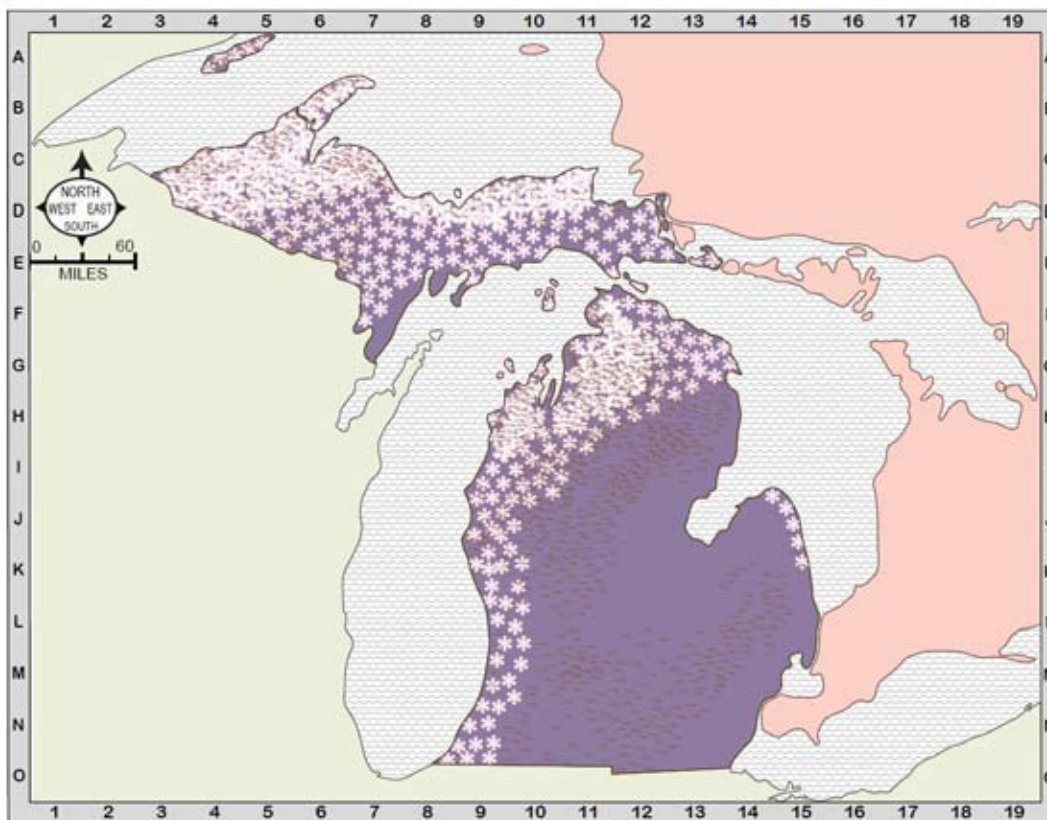


# SPATIAL REASONING ABOUT SNOW IN MICHIGAN



Small snowflakes mark places that get 6 feet or more of snow in a typical year.  
 Large snowflakes mark places than get 10 feet or more of snow in a typical year.

1. **Spatial comparison.** Which peninsula has more area that gets at least 10 feet of snow in a typical year?      Circle: Upper    Lower
2. **Spatial pattern.** Put a checkmark on the line next to the more accurate statement:
  - Snow in Michigan has an **even** pattern; it is evenly spread throughout the state.
  - Snow in Michigan has a **biased** pattern; there is more in the western part of the state.  
 (You could use the words balanced and unbalanced instead of even and biased.)
3. **Spatial region.** Draw a line around the snowy region of the Lower Peninsula.
4. **Spatial aura (zone of influence).** Put a checkmark by the more accurate statement.
  - Snow in Michigan is influenced mainly by southerly winds blowing north from Indiana.
  - Snow in Michigan is influenced by northwesterly winds blowing east across the lakes.
  - Snow in Michigan is influenced mainly by easterly winds blowing west across the lakes.
5. **Spatial analogy.** Put a checkmark by the best statement about Muskegon (in west Michigan).
  - It is snowy like Buffalo (in New York), because both cities are east of *Great Lakes*.
  - It is snowy like New York City, because both cities are at the mouths of large rivers.
  - It is snowy like Saratoga (in New York), because both places are near high mountains.