

Name \_\_\_\_\_

## Dancing in the Skies: How the Water Cycle Shapes Weather Patterns

### Short Answer Key

1. Evaporation leads to the rise of moisture-laden air, creating areas of low pressure and humid conditions.
2. Condensation results in the formation of clouds, affecting weather patterns by influencing temperature, precipitation, and visibility.
3. Different types of precipitation can impact daily life by affecting travel, agriculture, and infrastructure. For example, heavy rain can cause flooding, while snow can disrupt transportation.
4. Large bodies of water, like oceans and lakes, can moderate nearby weather conditions by absorbing and releasing heat more slowly than land, leading to milder and more stable climates.
5. Transpiration from plants increases humidity in the environment and can contribute to cloud formation and potential rainfall.

