

## Temperature, Moisture, Pressure, and Wind

1. Define the following:

[illegible][illegible][illegible][illegible]

2. Explain the concept of the heat index and how it relates to temperature and humidity.

[illegible]

3. **Activity:** Research and list three practical applications of understanding temperature and its variations in various fields, such as agriculture, engineering, or healthcare.

[illegible]

[illegible][illegible][illegible]

7. Describe the impact of local geographic features (e.g., mountains, bodies of water) on wind patterns in your region.


8. Explain the importance of understanding the interplay between temperature, moisture, pressure, and wind in meteorology. Provide examples of how this knowledge is applied in practical scenarios, such as severe weather prediction, aviation, or climate research.