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| **weather**  | state of the atmosphere at a given time and place with respect to wind, temperature, cloudiness, moisture, and pressure; daily or hourly conditions  |
| **meteorologist**  | scientist who studies weather  |
| **Sun**  | the driving force of weather  |
| **temperature**  | degrees warm or cold; influenced by cloud cover  |
| **wind speed**  | changes as air pressure changes  |
| **wind direction**  | reported by the direction from which wind originates; prevailing westerly winds blow from the west to the east  |
| **precipitation**  | form of water that falls from the cloud to the Earth  |
| **barometric (air) pressure**  | weight of the air above the surface of the Earth, applies pressure on objects  |
| **cloud cover**  | fraction of the sky covered by clouds; cloudy, partly cloudy, partly Sunny  |
| **thermometer**  | instrument used to measure temperature (in degrees Fahrenheit or Celsius)  |
| **anemometer**  | instrument used to measure wind speed (in miles per hour or mph)  |
| **wind vane**  | instrument used to measure wind direction  |
| **rain gauge**  | instrument used to measure amount of rain over a specific period of time  |
| **barometer**  | instrument used to measure air pressure  |