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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 |