

Difference Between Weather and Climate

Weather is the conditions that occurred very recently or are currently happening. The current temperature, dew point, relative humidity, cloud cover and precipitation are all good examples of weather.

Climate describes the typical weather a location will have over a long period of time. For a good climate data set, at least 30 years of data for a location is needed. Some examples of climate include normal high and low temperatures, typical monthly rainfall and accumulation of snow in a year.

1. It snowed 5 inches last night. _____
2. It has not rained this month yet. _____
3. Typically, rainfall in June will be under 1 inch. _____
4. This winter should be colder than normal. _____
5. The barometric pressure is falling. _____
6. There is a severe thunderstorm watch for Pinckney. _____
7. It has never gone above 100 F in the month of May. _____
8. The low temperature last night was 10 degrees above normal. _____
9. Michigan gets many inches of lake effect snow each winter. _____
10. The skies are clearing. _____