

# WEATHER

**Weather:** The conditions of the \_\_\_\_\_ at a given time. Usual measurements include:  
Temperature, Wind, Precipitation, Humidity, and Pressure.

**Climate:** The \_\_\_\_\_ conditions of an area over a long time.

## Draw the Water Cycle.

Use arrows to point where Evaporation takes place.

Label Condensation,  
Precipitation, Accumulation.



What are clouds made of? \_\_\_\_\_

At what pressure do clouds form? (Circle one)

High Pressure

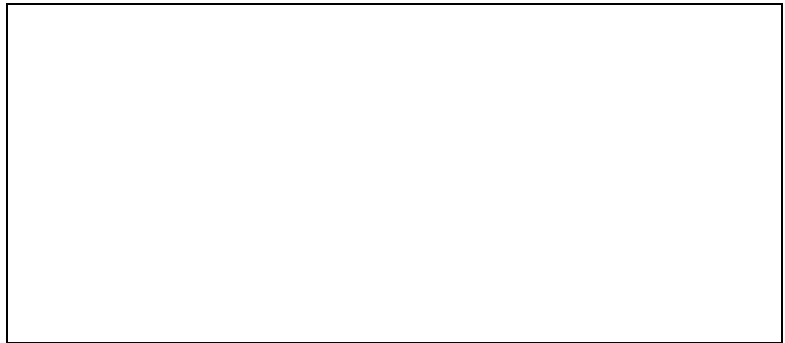
Low Pressure

Using your clouds guide, name the three main cloud types, and draw one of them.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_



Which clouds precipitate?

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## Weather Station Inquiry and Investigation on Current Conditions

Temperature: \_\_\_\_\_ °C

Barometer: \_\_\_\_\_

Rain level: \_\_\_\_\_ in

Humidity: \_\_\_\_\_ %

Wind Speed: \_\_\_\_\_ mph

Direction: \_\_\_\_\_

Cloud Cover: (Please check one)

\_\_\_\_\_ no clouds    \_\_\_\_\_ clear (10%)    \_\_\_\_\_ isolated (10-24%)    \_\_\_\_\_ scattered (25-49%)

\_\_\_\_\_ broken (50-90%)    \_\_\_\_\_ overcast (>90%)

Cloud type(s): \_\_\_\_\_