



WEATHER

What's weather?

The weather is the state of the atmosphere in a specific place at a specific time. It changes from day to day, sometimes in just a few hours.



What's weather? Fill in the Blank!

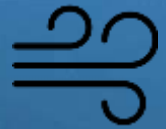
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Weather Forecasting

To know what the weather is like, we look at three elements:

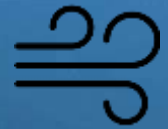
1. Wind – This is the movement of air. It can be a light breeze, a gale, or a hurricane



Weather Forecasting (Fill in the Blank!)

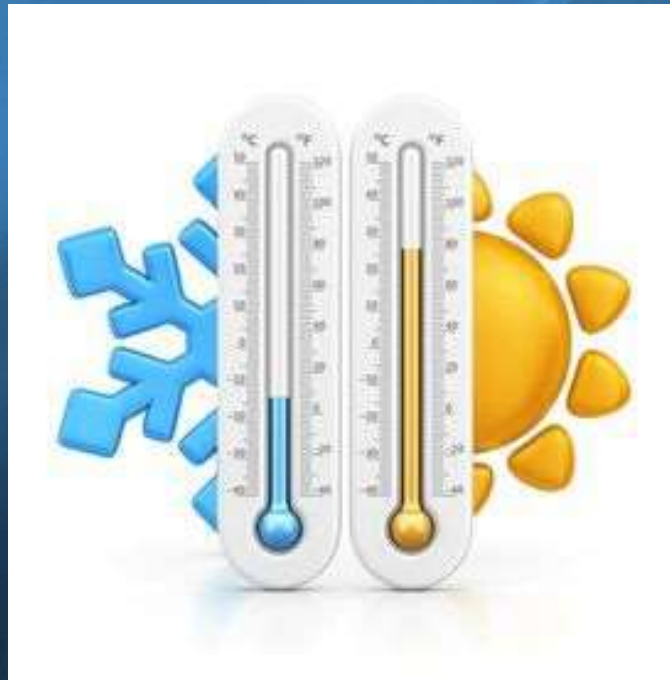
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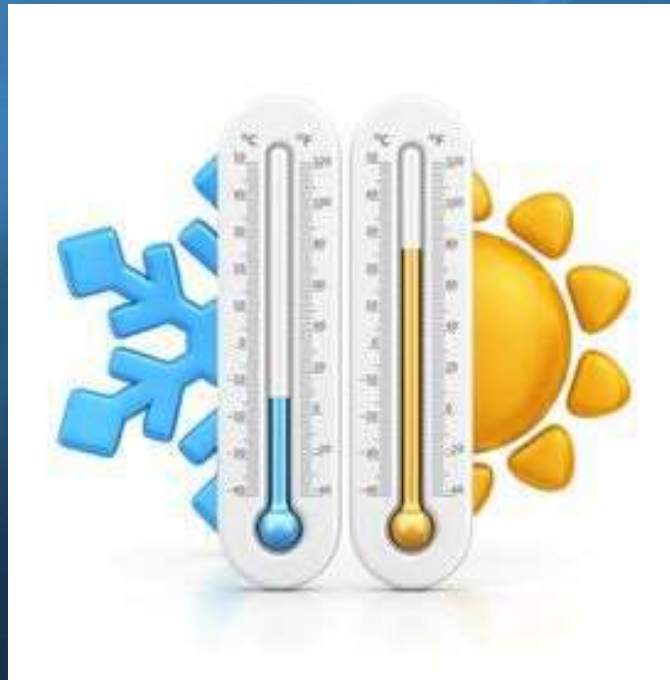
Weather Forecasting

2. Air Temperature – This causes the weather to be hot or cold.




Weather Forecasting (Fill in the Blank!)

2. Air Temperature – This causes the weather to be hot or cold.



Weather Forecasting

3. Precipitation – This is the water that falls from the atmosphere. It can be rain, snow or hail. 



Weather Forecasting (Fill in the Blank!)

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Meteorologists

- Scientists who study and predict the weather
- They use instruments like weather balloons and weather stations to predict the weather
- They show the data using maps and graphs



Weather Tools

There are different types of instruments scientists use to measure the weather:

- Rain Gauge – Amount of Precipitation
- Anemometer – Wind Speed
- Weathervane – Wind Direction
- Thermometer – Air Temperature



Weather Tools

There are different types of instruments scientists use to collect data and predict the weather:

- **Satellite**– gives us data about hurricanes, pollution and more



Weather Tools (Fill in the Blank!)

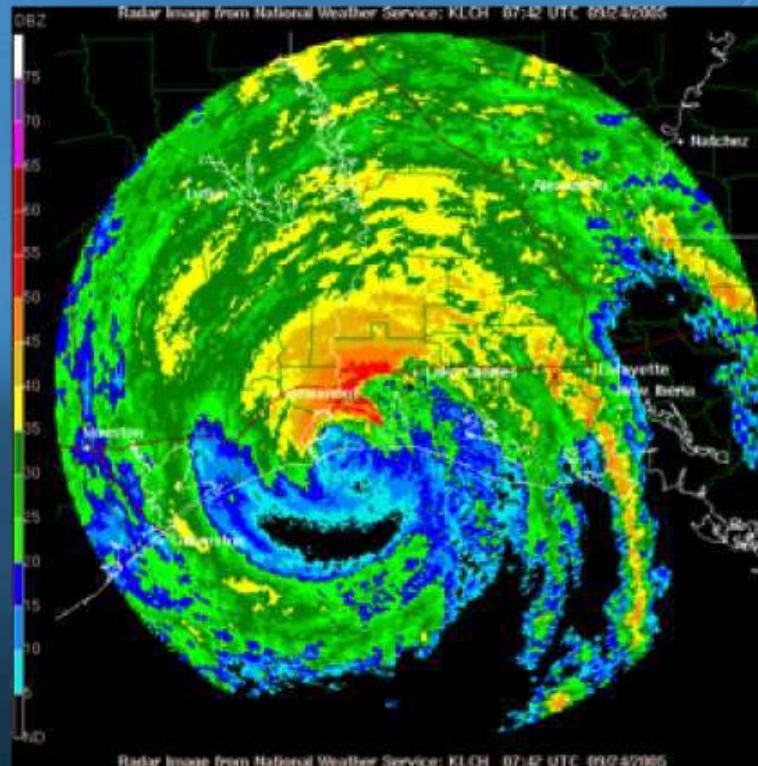
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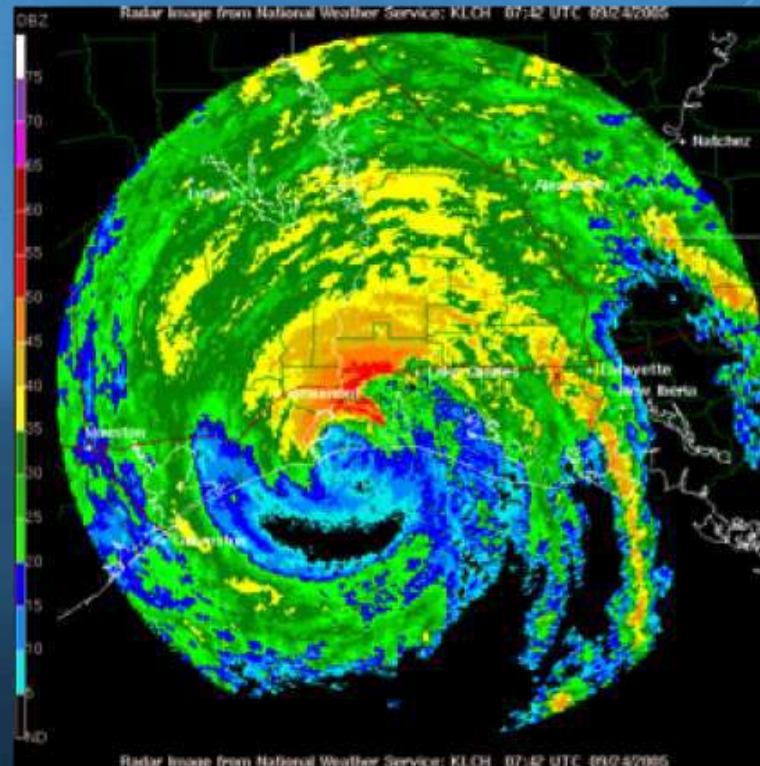
Weather Tools

- Radar – can locate precipitation



Weather Tools (Fill in the Blank!)

- Radar – can locate precipitation



Weather Tools

- **Weather Balloon – collects data about temperature and humidity**



Weather Tools (Fill in the Blank!)

- Weather Balloon – collects data about temperature and humidity



Weather Tools

- **Weather Station – collects data about wind speed and temperature**



Weather Tools (Fill in the Blank!)

- Weather Station – collects data about wind speed and temperature



Weather Map

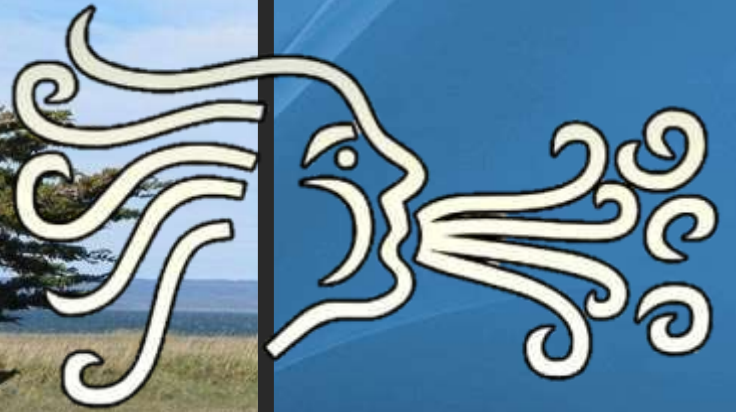
Meteorologists create weather maps to show the weather in specific locations using data they collect from their instruments.



Types of Weather



It's sunny



It's windy



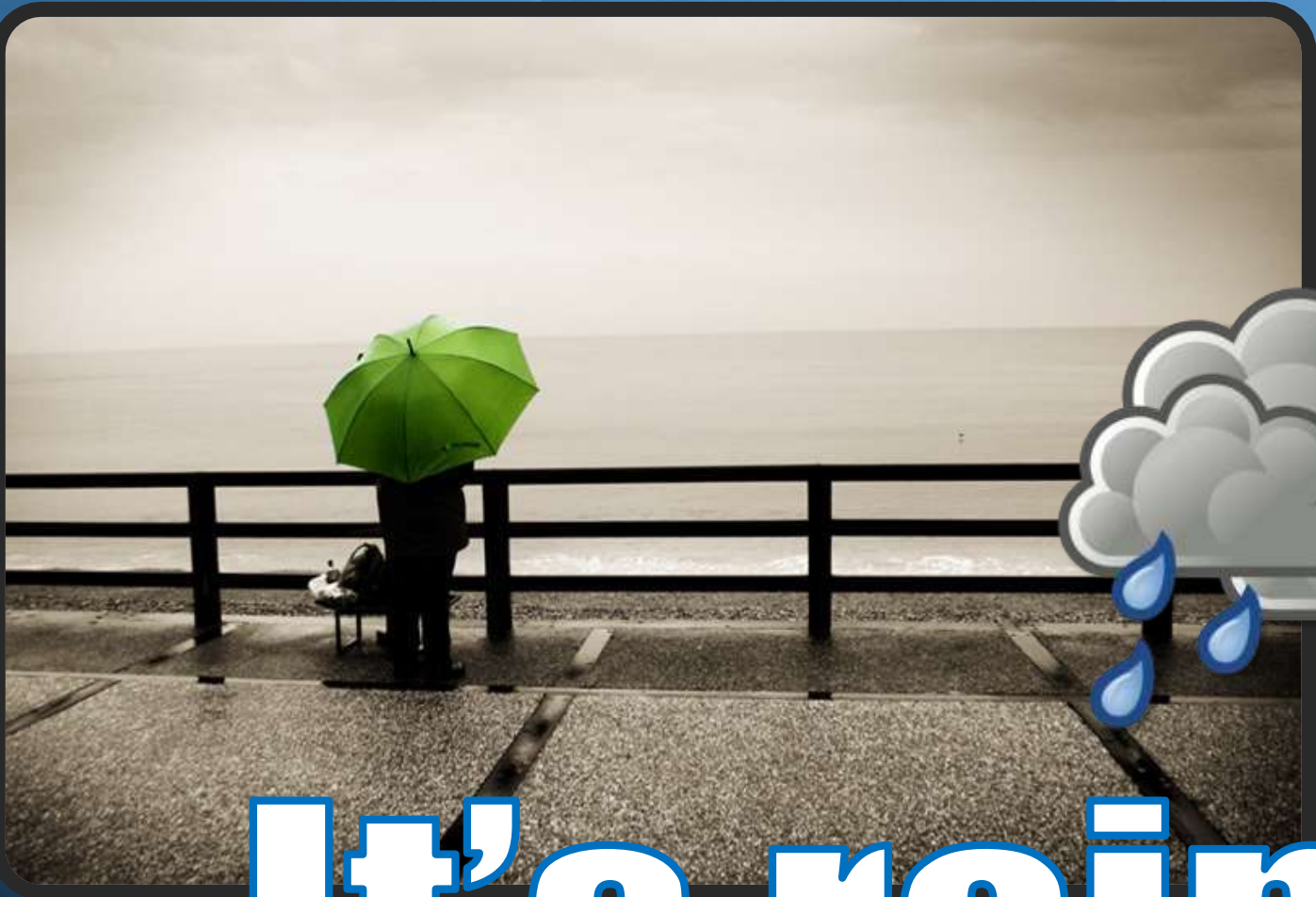
PARTLY CLOUDY



It's cloudy



It's foggy



It's rainy



It's stormy



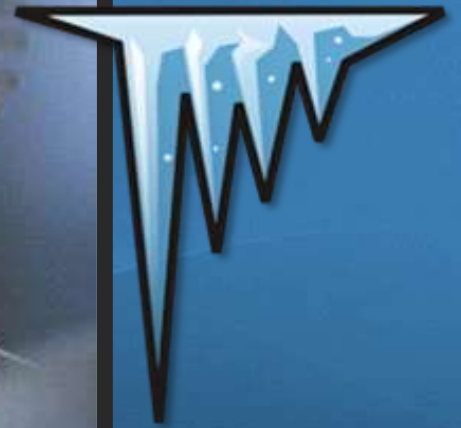
It's lightning



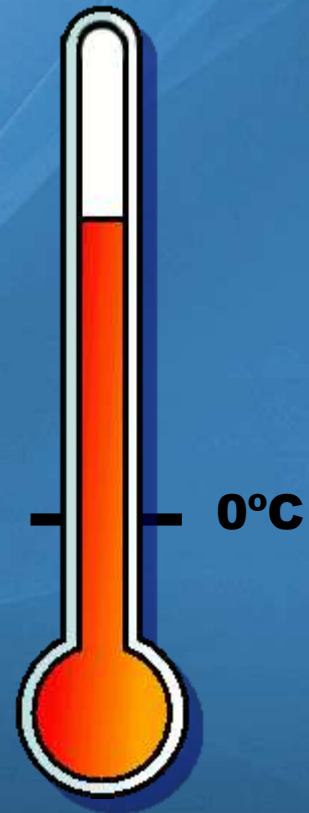
hail



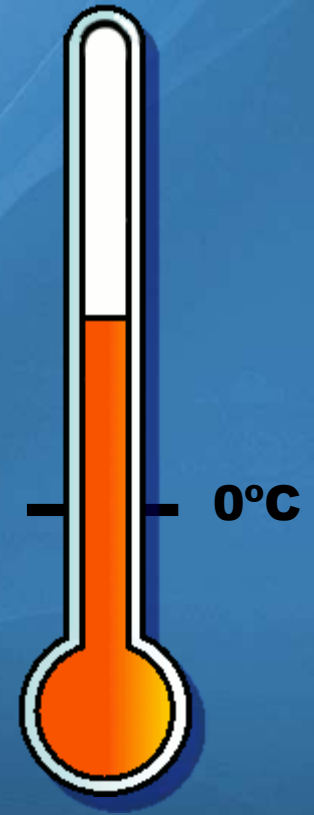
It's snowy



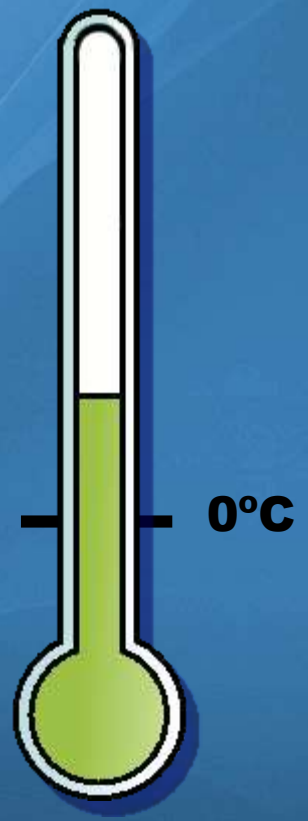
It's frosty



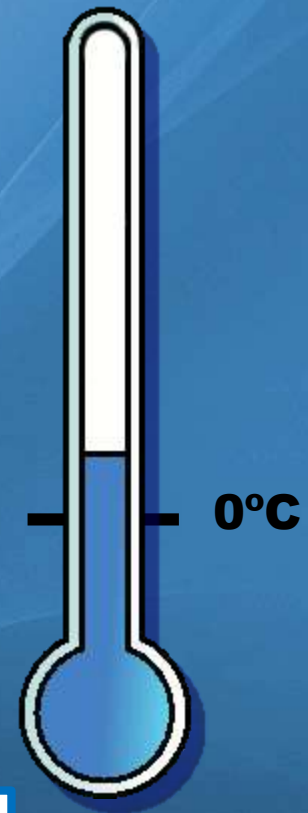
It's hot



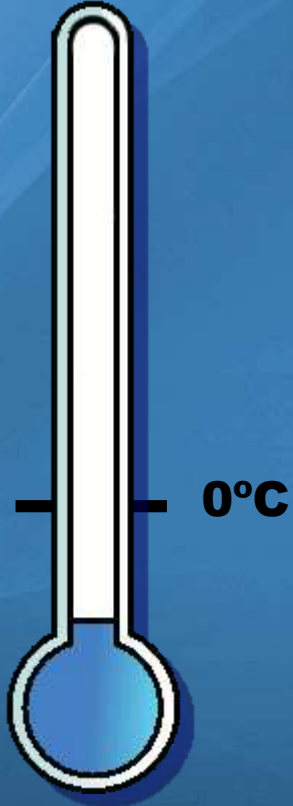
It's warm



It's cool



It's cold



It's freezing



WEATHER report



What's the weather like in Cape Town?

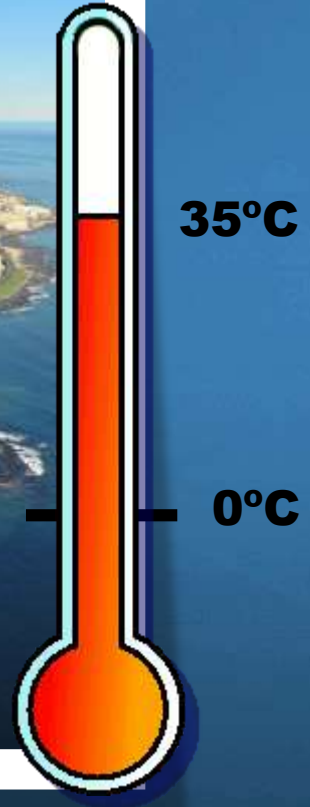


**It's rainy
and warm**

**It's sunny
and hot**

**It's windy
and cool**

What's the weather like in Cape Town?



It's sunny and hot



What's the weather like in New York?

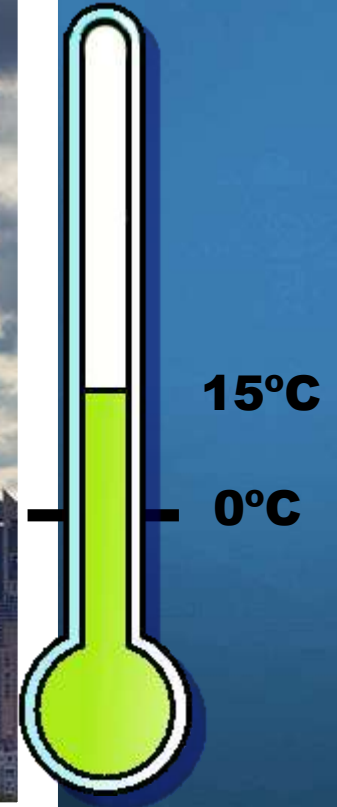


**It's cloudy
and cool**

**It's rainy
and warm**

**It's windy
and cool**

What's the weather like in New York?



It's cloudy and cool



What's the weather like in Beijing?



**It's stormy
and warm**

**It's rainy
and warm**

**It's windy
and cool**

What's the weather like in Beijing?



12°C

0°C

It's windy and cool



What's the weather like in Mexico City?

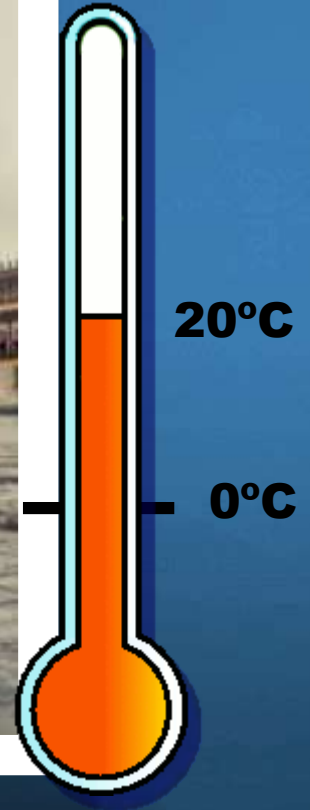


**It's stormy
and warm**

**It's warm with
sunny intervals**

**It's rainy
and warm**

What's the weather like in Mexico City?



It's rainy and warm



What's the weather like in London?

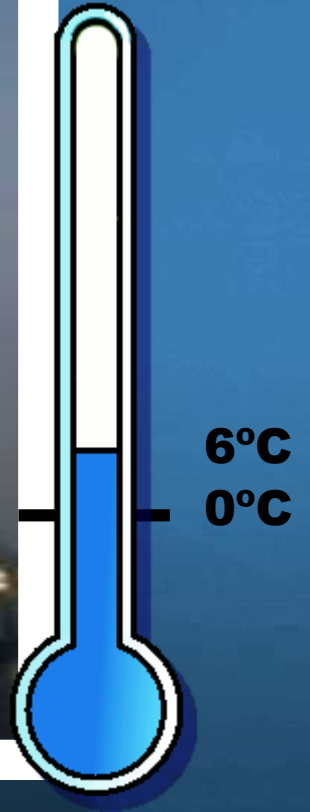


**It's stormy
and warm**

**It's foggy
and cold**

**It's windy
and cold**

What's the weather like in London?



It's foggy and cold



What's the weather like in Yakutsk?

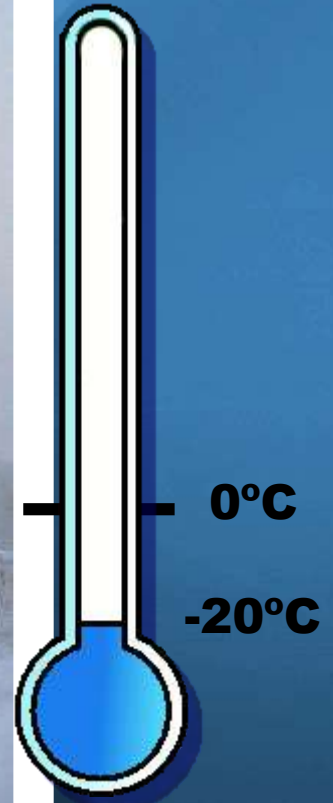


It's frosty and freezing

It's stormy and warm

It's snowy and cold

What's the weather like in Yakutsk?



It's frosty and freezing



What's the weather like in Sidney?

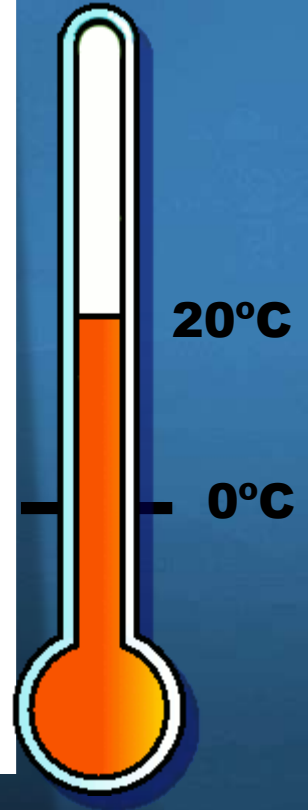


**It's cloudy
and warm**

**It's stormy
and warm**

**It's snowy
and cold**

What's the weather like in Sidney?



It's stormy and warm



What's the weather like in Buenos Aires?

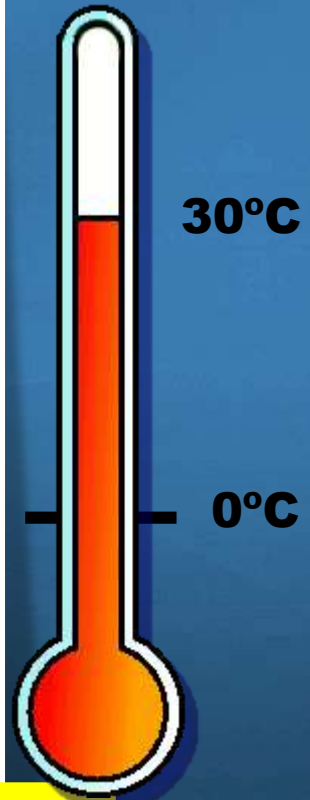


**It's cloudy
and warm**

**It's partly
cloudy and hot**

**It's snowy
and cold**

What's the weather like in Buenos Aires?



It's hot with sunny intervals



What's the weather like in Helsinki?

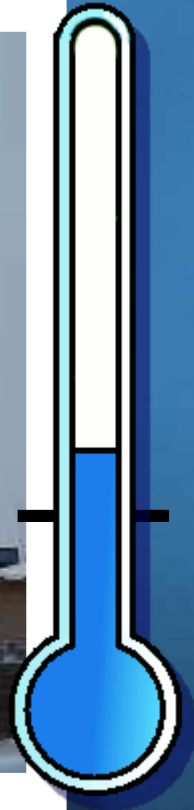


**It's cloudy
and cool**

**It's rainy
and cold**

**It's snowy
and cold**

What's the weather like in Helsinki?



0°C
-2°C

It's snowy and cold

EXIT