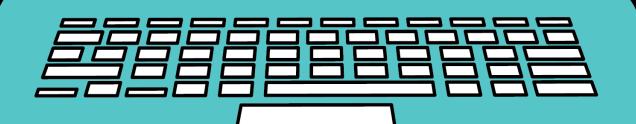


Short Answer	Type Answer Here	Fill in the Blank Type Answer Here
1. About low I ny miles ck is e atmo	, i	9. Weather changes daily due to air and temperature.
2. I w many bo types of climat there?		10. Climate reflects weather conditions over at least years.
3. What instrume measures air pressure?		11. A front is caused when warm air moves cold air.
4. What percent of Earth is covered in ice?		2. The total climate is located as the
5. In what country is the hottest place on Earth?		13 climate are four at the p and of m of the lobe.
6. What percent of Earth do oceans cover?		14. hely regarte the conce oecause it is
7. What is the term for when 2 air masses meet?		15. Weather has bens the segment of t atmosphere.
8. What instrument measures air temperature?		16. An anemometer measures speed.



WEATHER & CLIMATE

Meteor s shar her information on the news throughout the day. Know weather be community in the event of extreme rrow? Do you need an umbre Is there a chance that be canceled? Is the rea? Should we batten the rnado in scho hat o protect doors and ws? Som essio really watch ather: pilots, constru

Weather reflects ter to cover for a sprecipitation, air pressure 1 d or cover for a sprecipitation, air pressure 1 d or cover for a sprecipitation or cover for a sprecipitation of time. Weather is impacted seasonally by we early volution or cover for a sprecipitation of the sprecipitat

A significant weather factor the sun gy and Weather changes daily due to air pressure of temporal weather changes depending on wind, sunshine, humidity, at

Weather can be sunny, cloudy, windy, recloudiness, wind, and rain affect daily weather consumer the the troposphere segment of the atmosphere.

The atmosphere is about 15 miles thick and surrounds the eart blanket. The six to ten-mile thick troposphere is the bottom layer of atmosphere.

Hot and cold air masses directly impact the weather. When two air masses meet, it's called a front.

- A cold front happens when cold air pushes underneath a warm air mass. This cold air replaces the warm air. The warm air cools off and creates condensation. Now, there will be a mild temperature and a rainstorm.
- A warm front is caused when warm air moves over cold air. Warm air rises, condenses, and forms clouds. This causes rain or snow.
 Measuring weather involves specific instruments:
- · A thermometer measures air temperature
- · A barometer measures air pressure
- A rain gauge measures precipitation
- An anemometer measures wind speed

Satellites in space take pictures

Radar shows current conditions

Climate, on the other hand, reflects weather conditions over at least 30 years. Climate indicates the average temperature, wind, humidity, snow, and rain for a location over a long period of time.

There are 5 basic types of climate:

- tropical
- dry
- temperate mild
- · continental cold

polar

Think of each climate as a ring around the globe. The tropical climate is at the equator where it is hot and humid. This is where rainforests are found. Dry and arid climates are deserts, they are on the outskirts of tropical climates. Here, moisture evaporates quickly, and there is little precipitation. Temperate

tes have warm and humid summers with thunderstorms. They also have warm to Continental climates have warm to cool summers. Winters are cry cs and stong winds. Polar climates are found at the top and bot top and bot temperature to the state of the state

tes are base the attention of the process of the control of the co

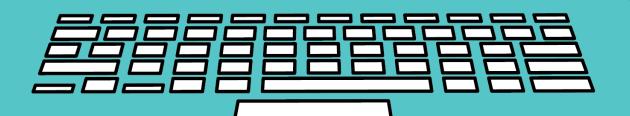
- atmosphere anket of air around arth with gases, including the air we bre sective layer parts the earth from becoming
- Ice covers 3 per the earth. I ps the clime ecause it is reflective.
- The biosphere is where organism
 Some extreme climates include from a dia (wettest place on earth), the Atacama Desert in Chile toward place in the company of the

Depression in Ethiopia (hottest place on earth).

Antarctica (coldest place on earth).

o Think Tank

An anemometer measures wind speed
 Thek task



PLEASE VIEW THE VIDEO TO SEE HOW THIS PRODUCT WORKS

