

10 SIGNS OF A WARMING WORLD

Humidity

Humidity over land and water is increasing as there is more water vapour in the air, meaning that the air feels stickier when it's hot and we are more reliant on air conditioners.

Snow cover

The area of land covered by snow in the Northern Hemisphere is melting, changing when and how much water is available.

Temperature of lower atmosphere

The lower layer of the atmosphere - where we live, planes fly and weather occurs, - is warming. Greenhouse gases are building up in this layer, raising Earth's temperature.

Temperature over oceans

Air near the ocean's surface is getting warmer, increasing its ability to evaporate water leading to increased rainfall events on land.

Glaciers

Mountain glaciers are slowly melting away, impacting on people who depend on water from the glaciers.

Sea surface temperature

The temperature at the ocean's surface is rising, increasing the destructive potential of cyclones and hurricanes.

Temperature over land

Air temperature at the surface is going up, leading to an increase in heat waves and droughts.

Sea ice

Satellite images show that the area covered by sea ice in the Arctic is getting smaller.

Ocean heat content

Our oceans are becoming warmer with an increase in heat energy stored in the top half-mile of water.

Sea levels

Satellites that measure the distance from their orbit to the ocean's surface show that sea levels are getting higher, posing a risk to ecosystems and human development.