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Past 12 months break extreme heat records - 11th July 2024

Level 0

The world is at its hottest since records began. Every month in the past year was over 1.5 degrees Celsius warmer than it was 20 years ago. This is when we started to burn lots of fossil fuel. A climate scientist warned that more records will be broken, "unless we stop putting greenhouse gases into the atmosphere".

Extreme heat hit many countries this year. Extreme temperatures are everywhere. In Death Valley, it was 53.9°C earlier this week. More than 1,000 people died in Saudi Arabia because of the heat. Scientists say we will see more climate disasters. A climate scientist said Earth was in crisis.

Level 1

The world had its hottest year since records began. Every month in the past year was over 1.5 degrees Celsius warmer than pre-industrial averages. The industrial period started around 1850. This is when we started to burn lots of fossil fuel. A climate scientist said there is a "large and continuing shift" in climate change. He warned that new records will be broken, "unless we stop putting greenhouse gases into the atmosphere".

Extreme heat hit many countries this year. In the past year, it was 1.64°C hotter than 200 years ago. Extreme temperatures are everywhere. In Death Valley, it was 53.9°C earlier this week. Meanwhile, Las Vegas broke its heat record with a temperature of 48.9°C. Over 1,000 people died in Saudi Arabia because of the heat. Scientists say we will see more heat-related disasters. A climate scientist said Earth was in crisis.

Level 2

The world has had its hottest year since records began. A climate report said every month in the past year was more than 1.5 degrees Celsius warmer than pre-industrial averages. The industrial period started in the mid-nineteenth century. This is when we started to burn lots of fossil fuels. A climate scientist said the results of the report show a "large and continuing shift" in climate change. He warned: "We are bound to see new records being broken as the climate continues to warm...unless we stop putting greenhouse gases into the atmosphere."

Extreme heat has hit many countries this year. Scientists say we will see more heat-related disasters. In the past year, Earth was 1.64°C hotter than 200 years ago. Extreme temperatures are being seen in the USA. In Death Valley, the mercury hit 53.9°C earlier this week. Meanwhile, Las Vegas broke its all-time heat record with a temperature of 48.9°C. In the past year, there have been wildfires, drought and death. In Saudi Arabia, over 1,000 people died on a pilgrimage to Mecca because of the heat. A climate scientist said Earth was in crisis.

Level 3

The world has experienced its hottest year since records began. A report from the Copernicus Climate Change Service said every month in the past 12 months broke temperature records. Every month was more than 1.5 degrees Celsius warmer than pre-industrial averages. The industrial period started in the mid-nineteenth century. This is when we started to burn fossil fuels on a large scale. Researcher Carlo Buontempo, director of Copernicus, said the results of the report show a "large and continuing shift" in climate change. He warned: "We are bound to see new records being broken as the climate continues to warm. This is inevitable, unless we stop putting greenhouse gases into the atmosphere and the oceans."

Extreme heat has hit countries across the planet this year. Scientists say we are at the beginning of an era that will see more heat-related disasters. In the past year, Earth was 1.64°C hotter than in pre-industrial times. Extreme temperatures are being seen all across California in the USA. In Death Valley, the mercury hit 53.9° Celsius earlier this week. Meanwhile, Las Vegas broke its all-time heat record. The temperature there reached a scorching 48.9°C. In the past year, countries have recorded extreme heat across all continents. This has caused wildfires, drought and death. In Saudi Arabia last month, over 1,000 people collapsed and died on a pilgrimage to Mecca. Climate scientist Aditi Mukherji said this showed Earth is in crisis.