Scientists warn of more extreme hot weather



Climate scientists have warned that many parts of the world will experience more extreme heat. The experts are from Copernicus, the European Union's Earth Observation Programme. Its meteorologists analysed world temperatures from satellites, aircraft, weather stations and other databases from around the world. The scientists reported that their figures indicated a high likelihood of an escalation in extreme temperatures. They said: "It was the second warmest June on record for Europe....Heatwave conditions persisted over western North America, where many temperature records were broken. Arctic Siberia also experienced high temperatures."

Professor Peter Stott of the UK's Meteorological Office said: "We are getting used to record high temperatures being recorded somewhere around the world every year now." He added that his primary concern was not the fact that regions are experiencing more heatwaves, but that record high temperatures are increasingly being broken by such large margins. Talking about Canada's recent "heat dome" weather event, professor Stott said: "It is telling us that changes in average climate are leading to rapid escalation not just of extreme temperatures, but of extraordinarily extreme temperatures." The scientists warned that a warming world would mean more droughts and heat-related deaths.

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1) Decide if the following sentences are True or False.

1- Scientists said the whole world will experience extreme heat. **T / F**

2- The data in the article comes from the European Union. **T / F**

3- Scientists say last June was the warmest on record. **T / F**

4- Arctic Siberia also experienced record high temperatures. **T / F**

5- A meteorologist said we would never get used to high temperatures. **T / F**

6- Temperature records are being broken by tiny margins. **T / F**

7- A professor warned of extraordinarily extreme temperatures. **T / F**

8- Scientists are warning of more droughts. **T / F**

2) Rank these weather events. Put the worst at the top.

Heatwaves ___

Blizzards ___

Hurricanes ___

Torrential rain ___

Hail ___

Sand storms ___

Tornadoes ___

Flash floods ___

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3) Match the words with their correct meanings.

Paragraph 1:

Extreme - Expert - Meteorologist - Indicated

Likelihood - Escalation – Persisted

1- A person who has a comprehensive and authoritative knowledge of or skill in a particular area. _____

2- Pointed out; showed. _____

3- reaching a high or the highest degree; very great. _____

4- A rapid increase; a rise. _____

5- The state or fact of something being probable. _____

6- Continued firmly in an opinion or a course of action in spite of difficulty, opposition, or failure. _____

7- An expert in or student of meteorology; a weather forecaster.

_____

Paragraph 2:

Primary - Concern - Margin - Dome

Rapid - Extraordinarily – Drought

1- A prolonged period of abnormally low rainfall, leading to a shortage of water. _____

2- A natural vault or canopy, such as that of the sky or trees. _____

3- Happening in a short time or at a fast pace. _____

4- Most important; main; principal. _____

5- Worry. _____

6- In a very unusual or remarkable way. _____

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7- Gap. _____

4) Match the following synonyms from the article.

Experience	Data
Extreme	Gaps
Meteorologist	Continued
Figures	Severe
Persisted	Main
Recorded	Quick
Primary	Undergo
Margins	Lack of rain
Rapid	Documented
Drought	Weather forecast

5) Listen and put these words into the spaces in the paragraph below.

Paragraph 1:

Record - Stations - Parts - Escalation
Experienced - Experts - Persisted - Figures

Climate scientists have warned that many (1) _____ of the world will experience more extreme heat. The (2) _____ are from Copernicus, the European Union's Earth Observation Programme. Its meteorologists analysed world temperatures from satellites, aircraft, weather (3) _____ and other databases from around the world. The scientists reported that their (4) _____ indicated a high likelihood of an (5) _____ in extreme temperatures. They said: "It was the second warmest June on (6) _____ for Europe....Heatwave conditions (7) _____ over western North America, where many temperature records were broken. Arctic Siberia also (8) _____ high temperatures."

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Paragraph 2:

Professor Peter Stott of the UK's Meteorological Office said: "We are getting (9) _____ to record high temperatures being recorded somewhere around the world every year now." He added that his (10) _____ concern was not the fact that regions are experiencing more heatwaves, but that record high temperatures are (11) _____ being broken by such large (12) _____. Talking about Canada's recent "heat dome" weather event, professor Stott said: "It is telling us that changes in average climate are leading to rapid (13) _____ not just of extreme temperatures, but of (14) _____ extreme temperatures." The scientists warned that a (15) _____ world would mean more droughts and heat-(16) _____ deaths.

6) Multiple choice quiz.

1) Who warned that many parts of the world will experience extreme heat?
a) the WHO
b) climate scientists
c) doctors
d) farmers

2) Where is the Earth Observation Programme from?
a) China
b) NASA
c) Brazil
d) the European Union

3) What did scientists say there was a high likelihood of?
a) overheating
b) extreme cold
c) an escalation in extreme temperatures
d) a decrease in farming land

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4) What does the article say about temperatures in Europe in June?
a) they are the second highest ever
b) they are the highest on record
c) they are the third highest ever
d) they are the highest this century

5) What part of Siberia experienced high temperatures?
a) southern Siberia
b) Arctic Siberia
c) Russian Siberia
d) central Siberia

6) Where does Professor Peter Stott work?
a) the UK's Meteorological Office
b) Oxford University
c) NASA
d) the US Weather Agency

7) What did Professor Stott say we are getting used to?
a) protection factor 50 sun screen
b) wearing sunglasses
c) record high temperatures
d) fewer rainy days

8) How did Professor Stott say temperature records are being broken?
a) by large margins
b) by nano-degrees
c) disastrously
d) day by day

9) What country does the article say experienced a heat dome event?
a) Finland
b) Argentina
c) Russia
d) Canada

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10) What did scientists warn there would be more of besides droughts?

a) locust plagues

b) sand storms

c) heat-related deaths

d) water wars

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