

1. The continental drift gave rise to a change of climate in India and a special weather phenomenon. Name the part of the continent where it occurred and what is this phenomenon called?

BEFORE



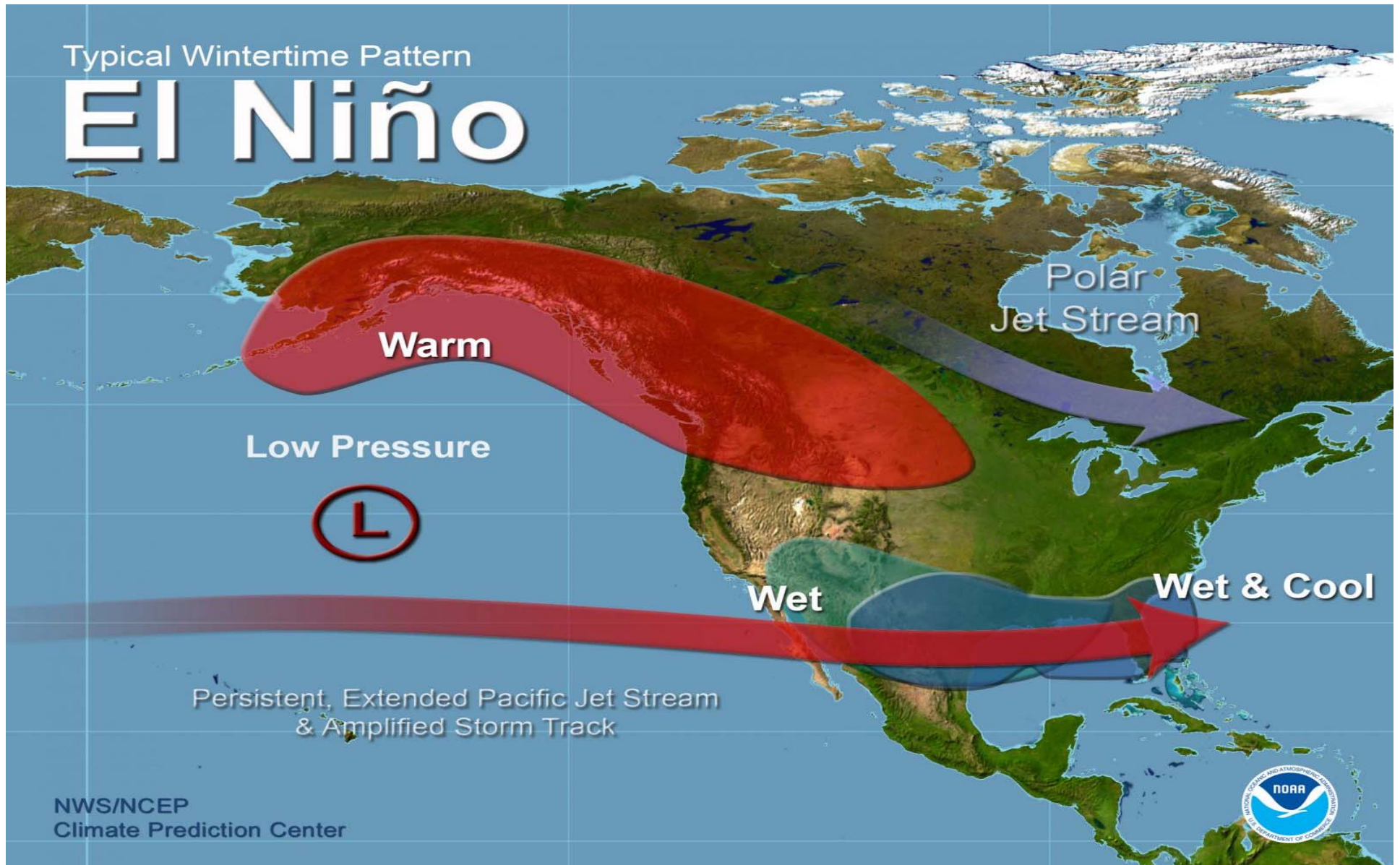
AFTER



**2. Tsunami and earthquake are related to climate change.
True or False?**



3. What does the word El Niño mean?





4. Svante Arrhenius
discovered the phenomenon of
greenhouse effect in 1896.

Which country was he from?

- a) Sweden
- b) Switzerland
- c) Denmark
- d) USA

5. Greenhouse gases (GHGs) are named greenhouse because:

- a) It is mainly found in greenhouse
- b) It is green in colour
- c) Like a green house where we maintain a temperature with the help of glass walls these gases trap the heat of the Sun and keep the Earth warm.
- d) All of the above



6. Which of the following statement is correct?

- a) CO_2 is bad for the climate
- b) CO_2 is good for the climate
- c) A little CO_2 is good for the climate
- d) None of the above is true



7. What is ancient carbon?

- a) Charcoal used by cavemen for painting
- b) Net CO_2 production by ancient people
- c) CO_2 present in the inner chamber of pyramids
- d) Fossil fuel (coal)



8. Name the biggest nuclear reactor known to human beings?

- a) Fukushima nuclear plant
- b) Chernobyl
- c) Kashiwazaki Kariwa
- d) Sun



9. Food chain is the process by which all living organisms accumulate energy. From which part of our solar system is this energy derived from?

- a) Mars
- b) Moon
- c) Jupiter
- d) Sun





10. We often use the term green and clean to protect the environment? What does green actually mean?

- a) Green paint because green is soothing for our eyes
- b) Green vegetables because red meat is not good for health
- c) Green trees that trap sunlight and make our environment cooler
- d) Green leaves that absorb CO_2 and release O_2

11. A change in weather over time and/or region; usually relating to changes in temperature, wind patterns and rainfall is called:

- a) Weather change
- b) Climate change





12. The movement of chemical in the upper layers of soil into lower layers or into groundwater by being dissolved in water is known as:

- a) Bleaching
- b) Leaching

**13. What is common
among
Tuvalu, Vanuatu, Marsha
ll and Fiji?**

- a) All are names of volcanoes situated in the Pacific Ocean
- b) These are tiny islands on the Pacific Ocean that could be completely submerged due to global warming



14. Which of these GHGs is found most in the atmosphere?

- a) CO_2
- b) Methane
- c) Nitrous Oxide
- d) Water Vapour



15. Which of the following activities contribute the most to carbon emissions globally?

- a) Agriculture
- b) Transport
- c) Forestry
- d) Energy supply

