

# Climate Change Effects on Africa

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**Observable effects of climate change on water resources in Africa include: flooding, droughts, change in distribution in rainfall, dried-up rivers, glacier melting, the reducing of bodies of water etc. These all have part to play with the impacts on human health as well.**

- **Led to heat waves which caused breathing problems and respiratory diseases.**
  - **The increase of rainfall eventually led to the spreading of dengue fever.**
  - **Areas of more precipitation and flooding are more likely to have malaria.**
    - **Minimal resources to treat illnesses**

<http://www.bing.com/videos/search?q=reports+of+climate+change+in+africa&&view=detail&mid=BAF4B3453C6D44D21E36BAF4B3453C6D44D21E36&FORM=VRDGAR>

# 2001 flood: North Algeria

- The rains and strong winds began on November 10th, 2001
- There were over 10,000 families who were affected.
- 800 deaths
- The economy lost \$400 million
- Over 2,700 buildings had great flood damage.
- 109 roads were damaged and closed.



# Mozambique flood 2000

August 22, 1999



March 1, 2000

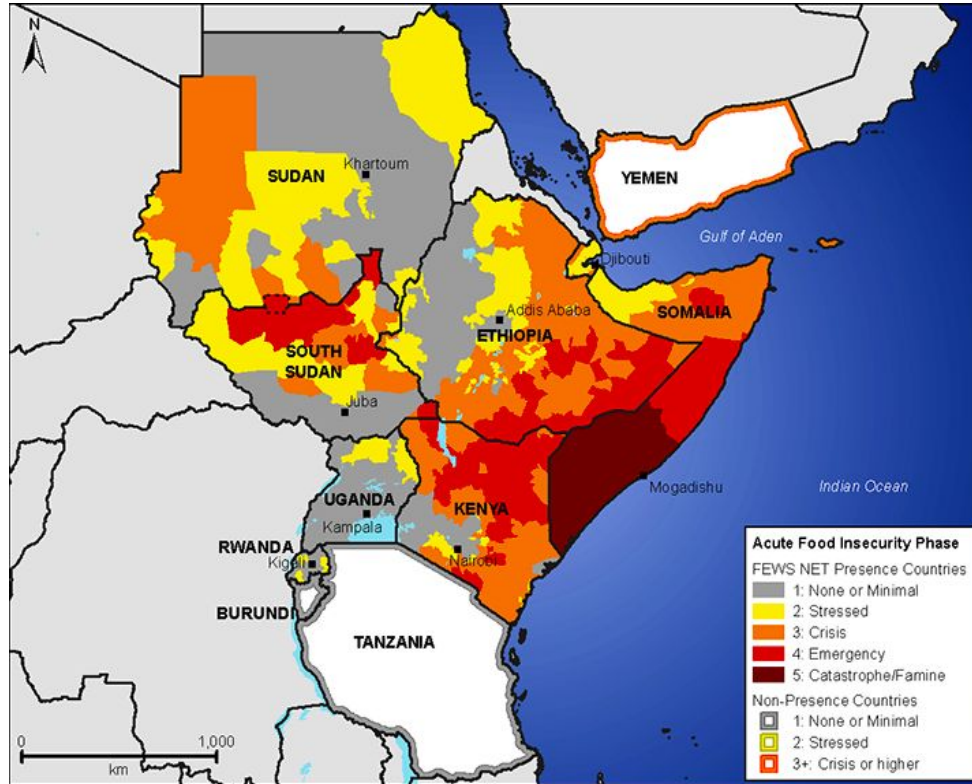


# Mozambique

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- The rain began on February 8th, 2000.
- On February 11th 2000 the Limpopo River overflowed and caused floods in villages for miles around.
- In five days the country received over 75% of their annual rain.
- The flood caused over 800 deaths and affected over 2 million people.
- One million, out of the two million were in need of food, and 329,000 out of the two million people were displaced and homeless.
- Agricultural production, and land were destroyed. (Irrigation systems were damaged)
- Approximately 20,000 cows were swept away by the flood, or died by diseases shortly after the disaster.
- 450,000,000 Million dollars were needed to repair all the damages.

# 2012 Drought in East Africa



# Droughts

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- Rainfall has been below average: 2010 and 2011 were the driest years since 1950
- The Drought caused reduction in crop yields, livestock productivity, lack of food and H<sub>2</sub>O
- Ethiopia, Kenya, Somalia were in dire need of food
- Ghana: is now totally reliant on the Akosombo dam
- Mali: is dependent on the river Niger for food and water
- Nigeria: 50% of population has no access to clean H<sub>2</sub>O

# WILD FIRES





# WILD FIRES

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In 2015 About 500 people fled their homes in South Africa's city of Cape Town as a wildfire defied rain and firefighters with smoke and flames. It lasted four days. Fires tend to burn faster in areas that are mostly dry and hot. Tragedies like this result in people becoming homeless or jobless.