

HOW ARE WE EXPERIENCING CLIMATE CHANGE IMPACTS IN THE MALDIVES?



Sea level rise

Ice sheets are melting and seawater is expanding.



Extreme events

Storms, flooding and heatwaves are becoming more common. Tsunamis become more dangerous when sea levels rise and natural coastal defences are removed.



Biodiversity

Marine life is suffering, some species will move or go extinct. Corals show heat stress by bleaching white.



Health impacts

Heatstroke, skin conditions and diseases are becoming more common.



Food and farming

Crops are failing, which impacts the livelihoods of farmers and their families. Some locally grown foods might not be available.



Beach erosion

Sandy beaches are being lost to the sea due to changes in currents and tides.



Human displacement

People may be forced to move to other islands due to changes in the natural environment.



Fisheries

Important fish stocks, live livebait and tuna, may decline or migrate away.



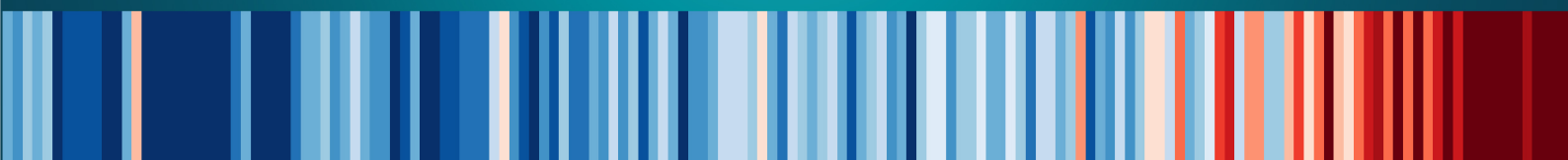
Extreme heat

Temperatures are rising to 30°C or more. At 35°C, our bodies can't regulate properly and heat becomes very dangerous.



Access to clean drinking water can change

Changes in rainfall and groundwater mean that water must be sourced in alternative ways, for example from desalination plants or in plastic bottles.



1890

1920

1950

1980

2010

The stripes above show temperature increase in the Maldives over time.

<https://showyourstripes.info>