



SADC CLIMATE SERVICES CENTRE EXTREME TEMPERATURE (HEATWAVES) ADVISORY

Issue Number: 02 of 2024/25 Season Release Date: 18/12/2024

HEADLINE: Temperatures exceeding the 90th percentile are forecasted over most eastern parts of the SADC region, persisting over the next coming 5-days

Higher temperatures above 35°C are expected to be recorded over eastern parts of SADC (Figure 1) and these temperatures are expected to exceed the 90th percentile over a period extending beyond three (3) consecutive days, thus meeting the criteria for a heatwave in these parts of the region. These extreme temperatures are expected to persist as from 18 to 22 December 2024.

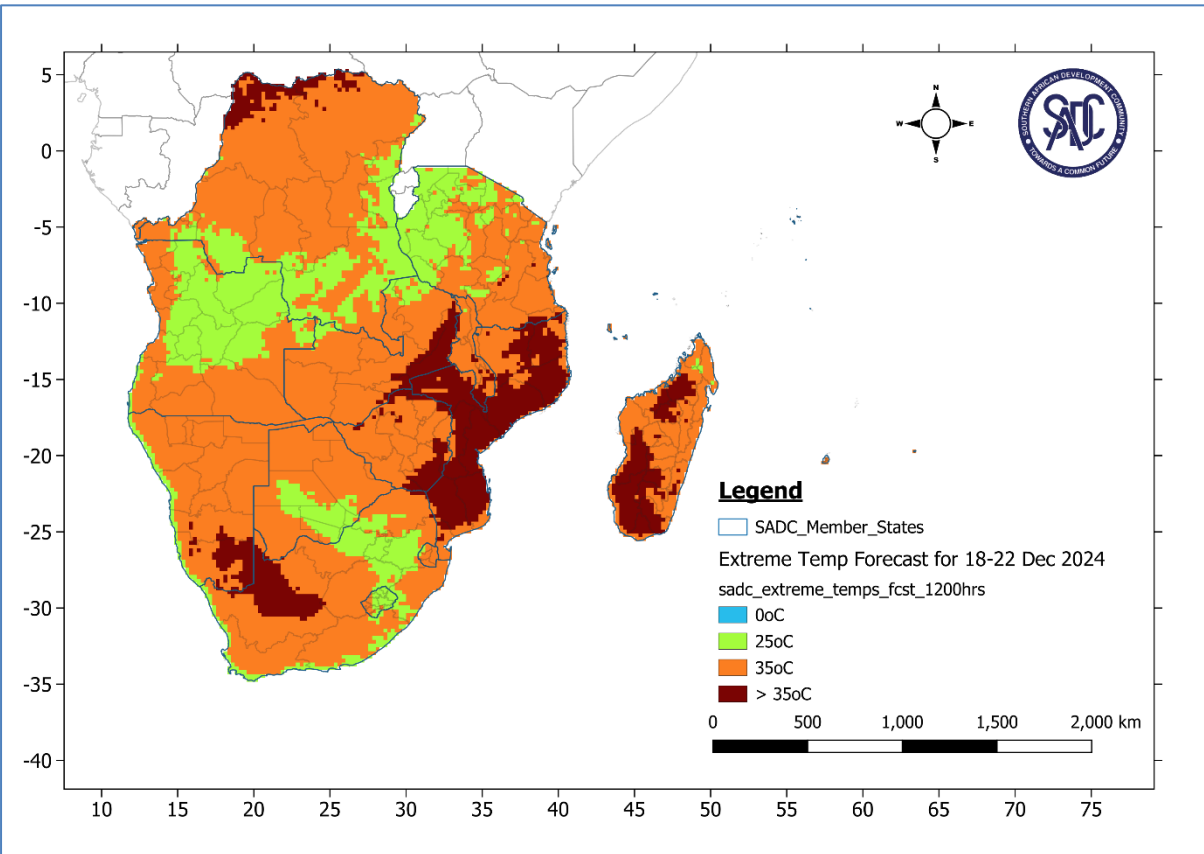


Figure 1: High temperature forecast for the period 18– 22 December 2024 (Source: [SADC-CSC-WRF Model](#))



ADVISORY AREAS

Parts of the SADC region that will experience consecutive extreme temperatures beyond a 3-day period include, northern DRC, southern Namibia, eastern Zambia, southern Malawi, southeastern Zimbabwe, most of Mozambique, northwestern parts of South Africa, and most of Madagascar have a likelihood to experience extreme temperatures during the period of 18 – 22 December 2024 (Figure 2).

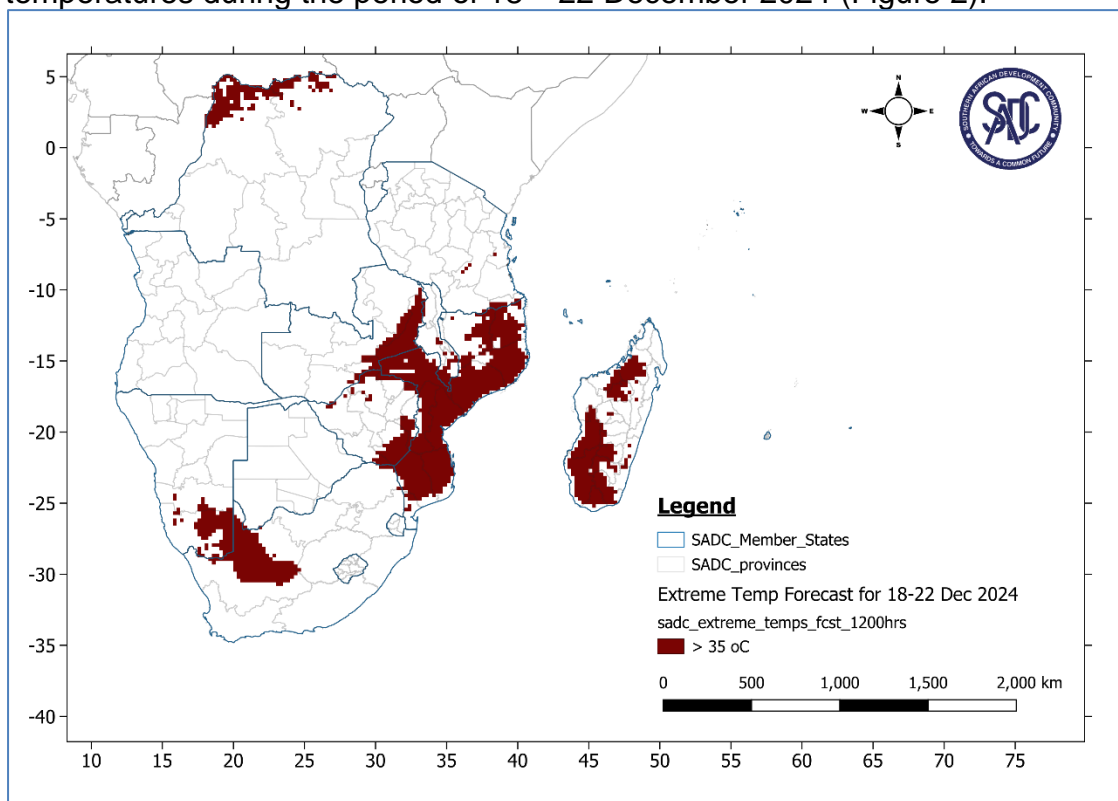


Figure 2: Extremely high temperature forecasted for 18 – 22 December 2024 (Source: [SADC-CSC-WRF Model](#))

RECOMMENDED ACTION

National Meteorological and Hydrological Services are urged to closely monitor these events and update relevant institutions such as Disaster Risk Management Agencies at Member States level and SADC SHOC to support preparedness and actions taken to protect lives and property.

Users are encouraged to consult National Meteorological and Hydrological Services at Member States for interpretation of this advisory.

NEXT ADVISORY

The next advisory will be issued when an extreme temperature event is expected to occur in more than one SADC Member State.

For more information contact:

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