



**SADC-CSC**  
**EXTREME TEMPERATURE ALERT SYSTEM (ETAS)**

Issue Number: 3 of 2018

Release Date: 24/01/2018

**HIGHLIGHTS**

**Headline: Heatwave and Heat Spells persistency in northern and southern parts of the SADC Region during the period of 24 - 29 JANUARY 2018**

*Very high to extremely high temperatures have been experienced by most countries in the southern part of the SADC region, namely; Botswana, Namibia, South Africa, northern DRC, southern Mozambique, eastern Swaziland, south-western Zimbabwe and southern fringes of Zambia.*

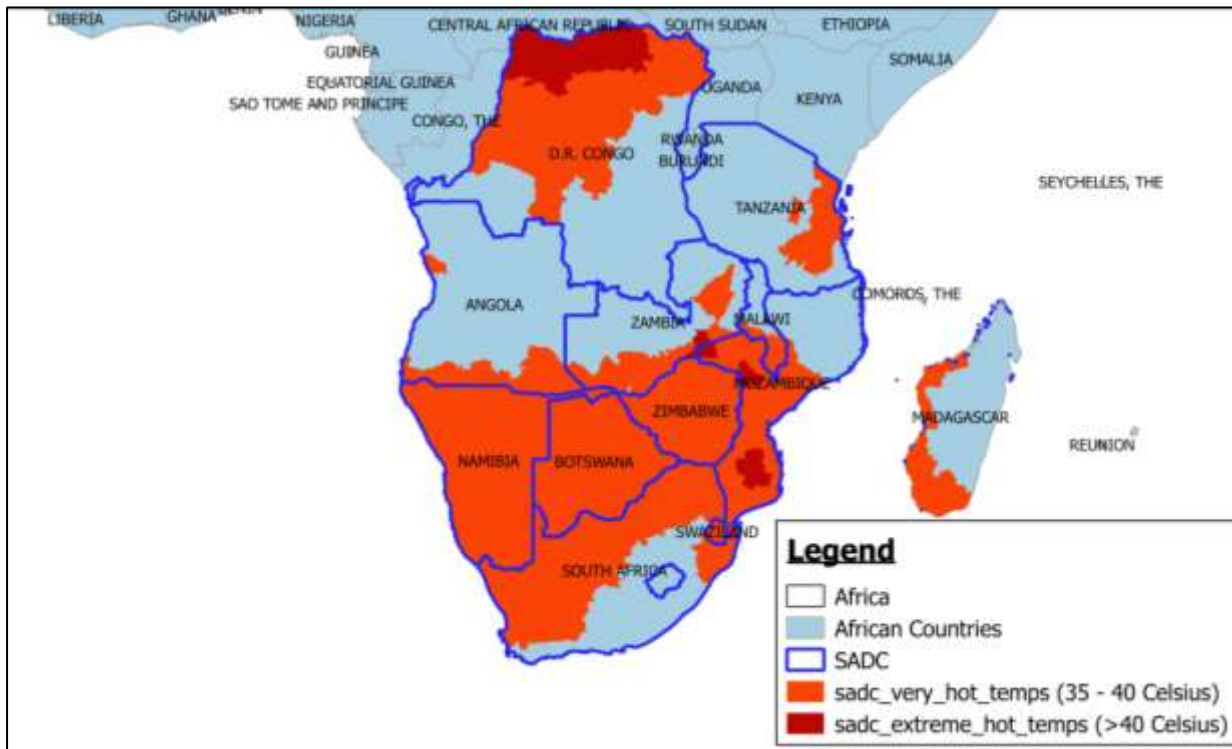
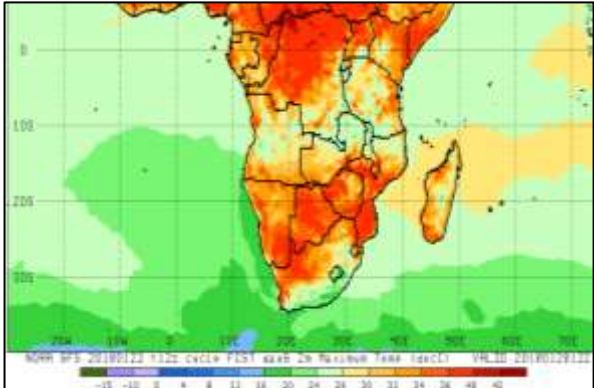
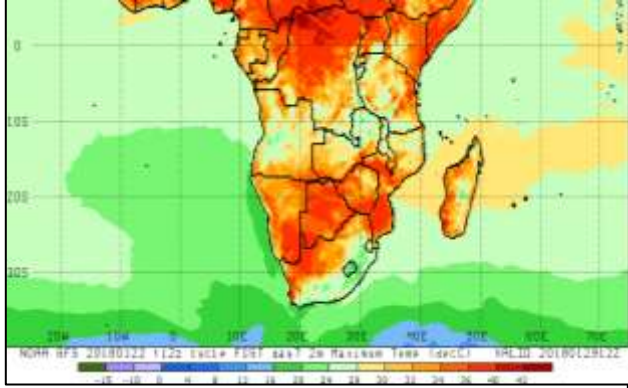


Figure 1: spatial distribution of hot and extremely hot temperatures over the SADC region predicted for 24 - 29 Jan 2018

**WARNING ZONE**

<p><b>Day 1: 24<sup>th</sup> January 2018</b></p>	<p><b>Day 2: 25<sup>th</sup> January 2018</b></p>
<p><b>DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique, southern Malawi, Swaziland</b></p>	<p><b>DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique, Swaziland</b></p>
<p>Figure 1: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 24<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>	<p>Figure 3: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 25<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>

<p><b>Day 3: 26<sup>th</sup> January 2018</b></p>	<p><b>Day 4: 27<sup>th</sup> January 2018</b></p>
<p><b>Southern Angola, DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique</b></p>	<p><b>DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique, Swaziland, western fringes of Madagascar</b></p>
<p>Figure 2: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 26<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>	<p>Figure 4: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 27<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>

Day 5: 28 <sup>th</sup> January 2018	Day 6: 29 <sup>th</sup> January 2018
<p data-bbox="177 271 671 376"><b>DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique, southern Malawi</b></p>  <p data-bbox="188 781 772 902">Figure 5: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 28<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>	<p data-bbox="842 271 1337 376"><b>DRC, Botswana, Namibia, South Africa, Zimbabwe, Mozambique, southern Malawi</b></p>  <p data-bbox="815 781 1422 902">Figure 6: Forecasted High maximum temperatures (red colours) in Celsius over the SADC region on the 29<sup>th</sup> January 2018. (Source: CPC/NOAA/NCEP)</p>

### Watch Zone

**Central Mozambique, eastern Swaziland, Lowlands of Lesotho, most of central South Africa, Namibia, parts of central Zimbabwe and southern Zambia**

For two weeks outlook there is likelihood of the departure from the long-term average temperature of at least 2 degree Celsius anomalies of the hot temperature over the extreme northern of DRC, entire Botswana, Namibia, south Zimbabwe, northern South Africa, and south Mozambique. Heat wave precautions are strongly recommended for the high risk people.

National Health Department and Disaster Risk Reduction agencies are called to assist in the specific measures to be adopted.

### Cancelled Zone

None.

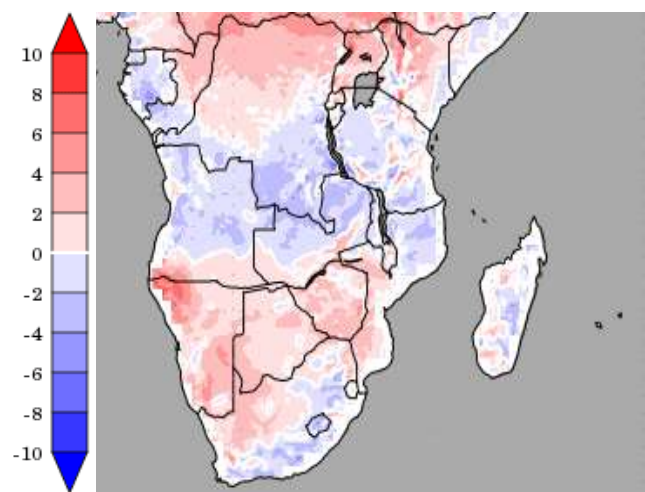


Figure 7: Temperature anomaly in Celsius (difference to the long-term average) for the forecast period 24 January - 1st February 2018. Source: COLA/IGES

## Recommended Action

People in most of Botswana, south-eastern tip of Angola, south-west Madagascar, southern tip of Malawi, south and west-central Mozambique, eastern and south Namibia, north and western South Africa, eastern Swaziland, extreme north east of Tanzania, extreme southern Zambia, extreme north, south and western Zimbabwe should adhere to healthy advisories to combating the high temperatures, that will be experienced in these areas. Extremely high temperature will be experience in a select few areas within the region, where extra caution needs to be undertaken.

Direct exposure to the sun between the hours from 11:00am to 4:00pm CAT have to be avoided by all means. Constant and frequent hydration is highly recommended during these hours.

## Next Advice

The next advisory will be issued by 4:00 pm CAT 29 January 2018.