

Topic: **temperature and precipitation**

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 27-3-2023 16:00 P.M.
Cancelled

Contact: E-mail: cws-seevccc@hidmet.gov.rs
Phone: +381112066925
Fax: +381112066929

Valid from – to: 27-3-2023 – 30-6-2023 Next amendment: 3-4-2023

Region of concern: **SEE**

„During the first week (27 March to 2 April 2023) below average mean weekly temperature, with anomaly up to -3°C is expected in most of the Balkans, with up to 60% probability for exceeding lower tercile. Precipitation surplus is predicted for most of the region. Probability for exceeding upper tercile is above 90%. “

Monitoring

During the period from 19 to 26 March 2023, weekly precipitation sums were below 25 mm in most of the Balkans, Ukraine and South Caucasus. In parts of the southern and central Turkey, as well as Armenia precipitation sums were up to 100 mm.

Outlook

Within the first week (27 March to 2 April 2023), ECMWF monthly forecast predicts above average mean weekly air temperature, with anomaly up to +3°C in eastern Turkey and South Caucasus, with up to 90% probability for exceeding upper tercile. Below average mean weekly temperature, with anomaly up to -3°C is expected in most of the Balkans, with up to 60% probability for exceeding lower tercile. Precipitation surplus is predicted for most of the region. Probability for exceeding upper tercile is above 90%. Precipitation deficit is predicted for parts of the southern Balkans and Eastern Mediterranean with around 70% probability for exceeding lower tercile.

During the second week (3 to 9 April 2023), above average mean weekly air temperature is forecasted for eastern Turkey and South Caucasus, with anomaly up to +3°C. Probability for exceeding upper tercile is around 80%. Below average mean weekly air temperature, with anomaly up to -3°C, is expected in most of the western, southern and central Balkans. Probability for exceeding lower tercile is up to 70%. Precipitation surplus is predicted for most of the southern and eastern Balkans, as well as western Turkey with around 70% probability for exceeding upper tercile.

During the following three months (April, May and June), seasonal forecast predicts above average seasonal air temperature in most of the region. Average precipitation is expected in most of the region. Precipitation surplus is expected in the Carpathians, northeastern Turkey and South Caucasus. Precipitation deficit is predicted for the eastern Balkans and western Turkey.

Update

An updated statement will be issued on 3-4-2023

For further information, please contact cws-seevccc@hidmet.gov.rs

ANNEX

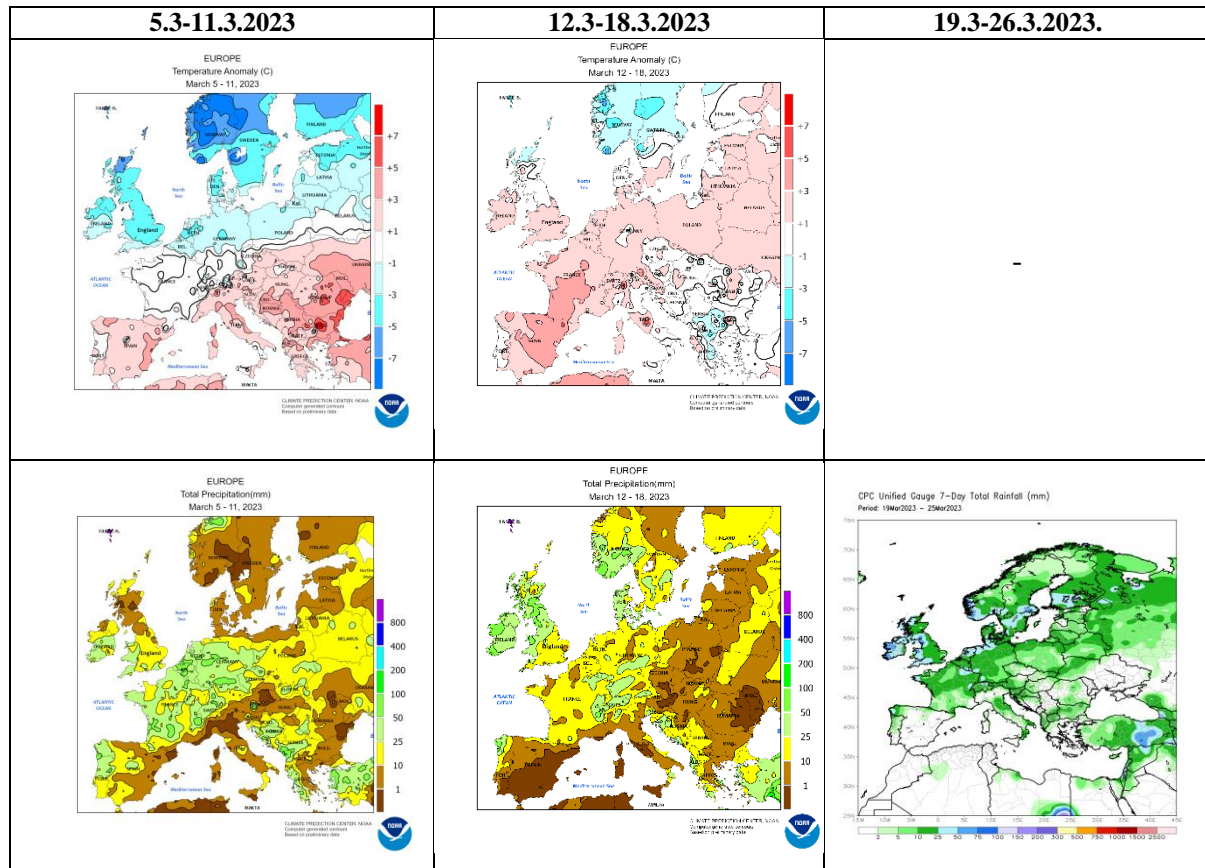


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

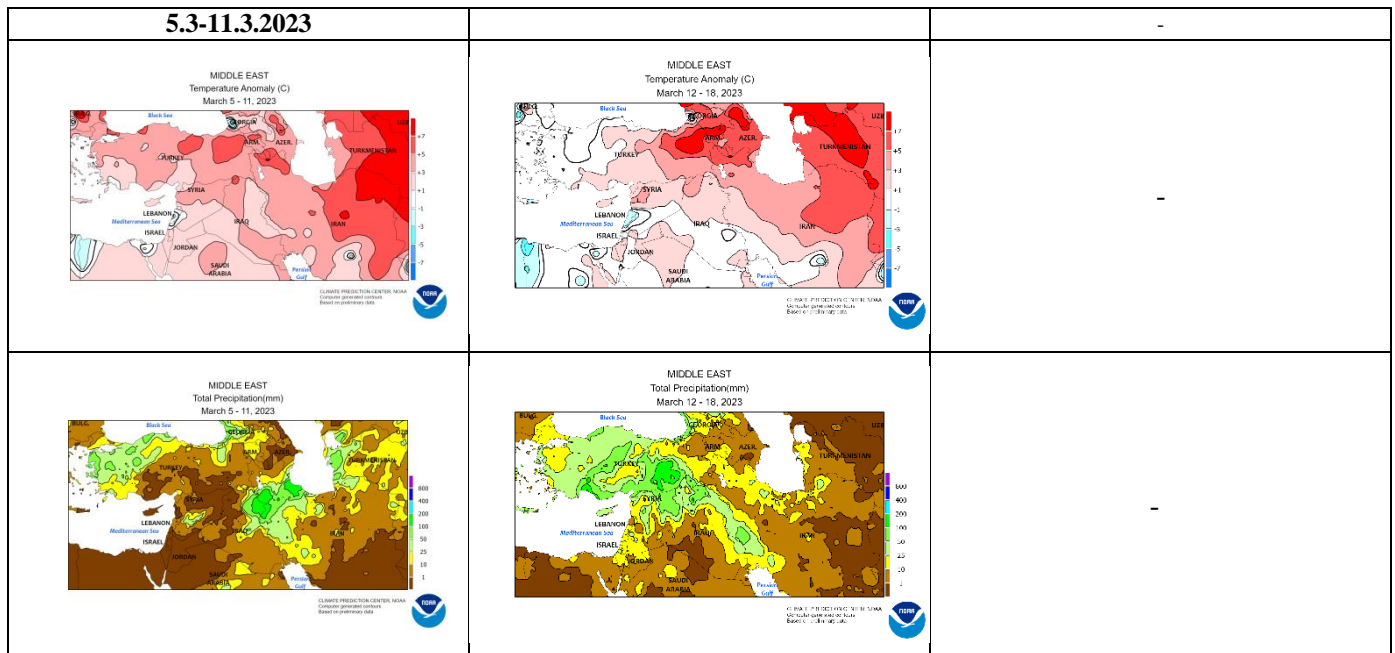


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

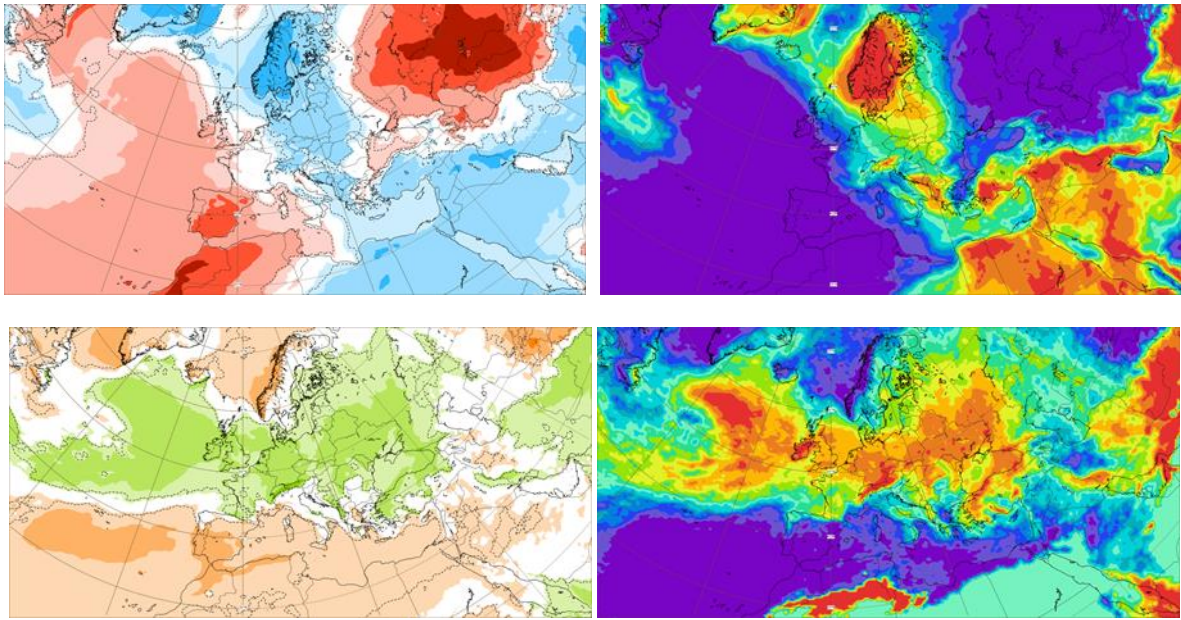


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 27.3–2.4.2023 period

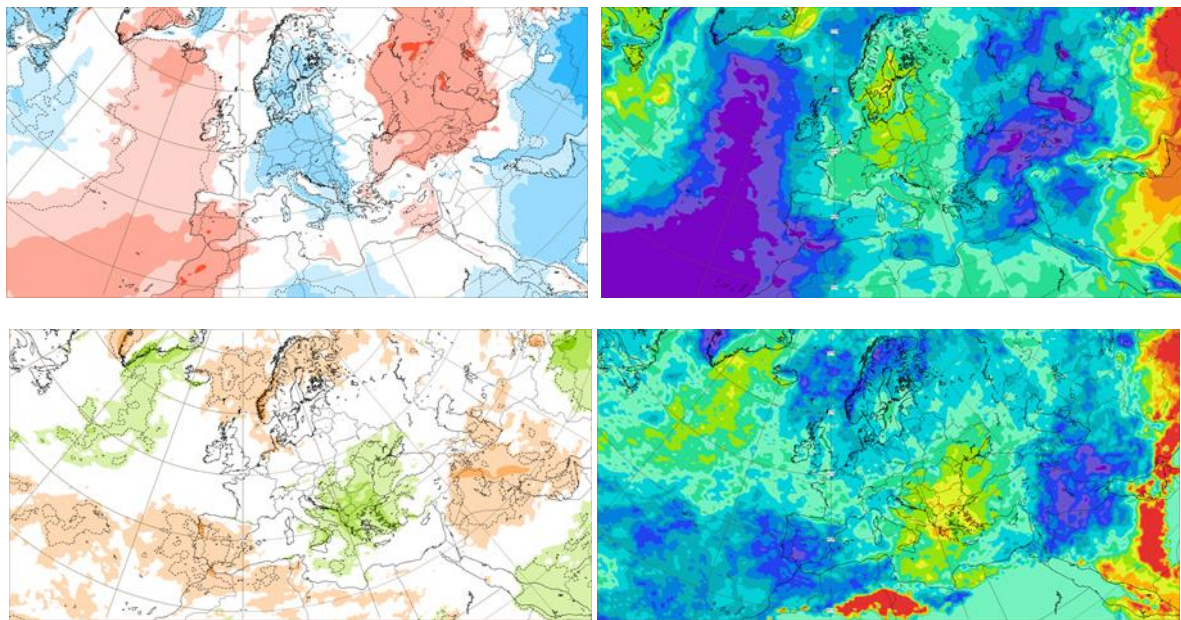


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 3.4–9.4.2023 period

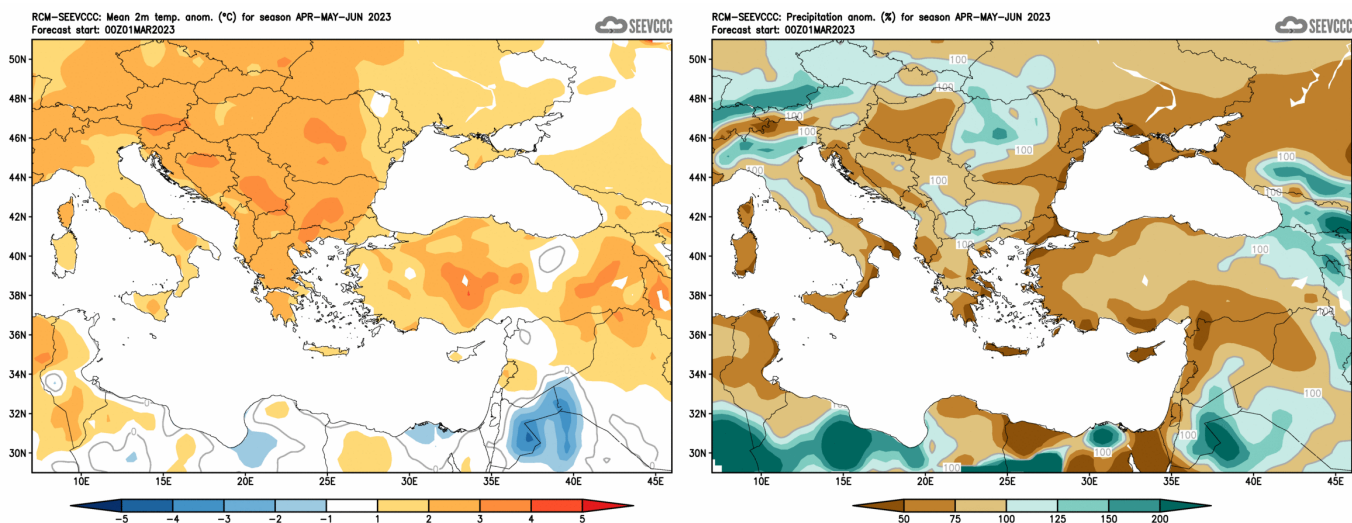


Figure 6. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- South East European Virtual Climate Change Center (www.seevccc.rs)
- European Center for Medium-range Weather Forecasts (<http://www.ecmwf.int/>)
- Climate Prediction Center USA (<http://www.cpc.ncep.noaa.gov/>)
- Deutscher Wetterdienst (<http://www.dwd.de/>)