

Topic: **precipitation**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended /  
Cancelled 15-5-2023 16:00 P.M.

Contact: E-mail: [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)  
Phone: +381112066925  
Fax: +381112066929

Valid from – to: 15-5-2023 – 31-7-2023 Next amendment: 22-5-2023

Region of concern: **Balkans**

**„Within the first week (15 to 21 May 2023), ECMWF monthly forecast predicts precipitation surplus for most of the western, central and southern Balkans, with probability around 80% for exceeding upper tercile. “**

## **Monitoring**

During the period from 7 to 13 May 2023, weekly precipitation sums were up to 25 mm in most of the region while in most parts of the western Balkans, central and northeastern Turkey as well as most of South Caucasus sums were up to 50 mm. In Montenegro and most of Croatia precipitation totals were in a range from 50 up to 150 mm, while in part of central Croatia they exceeded 150 mm.

## **Outlook**

Within the first week (15 to 21 May 2023), ECMWF monthly forecast predicts above average mean weekly air temperature with anomaly up to +3°C in Middle East and southern Turkey. Below average air temperature with anomaly up to -3°C is expected in the southern Balkans. Probability for exceeding upper/lower tercile is up to 80%. Precipitation surplus is predicted for most of the western, central and southern Balkans, with probability around 80% for exceeding upper tercile.

During the second week (22 to 28 May 2023), above normal mean weekly air temperature is expected in Ukraine, Moldova, most of south Caucasus, Middle East and most of Romania, with anomaly up to +3°C and probability around 70% for exceeding upper tercile. Precipitation surplus is predicted for the Balkans and some parts of western and central Turkey, with probability up to 70% for exceeding upper tercile.

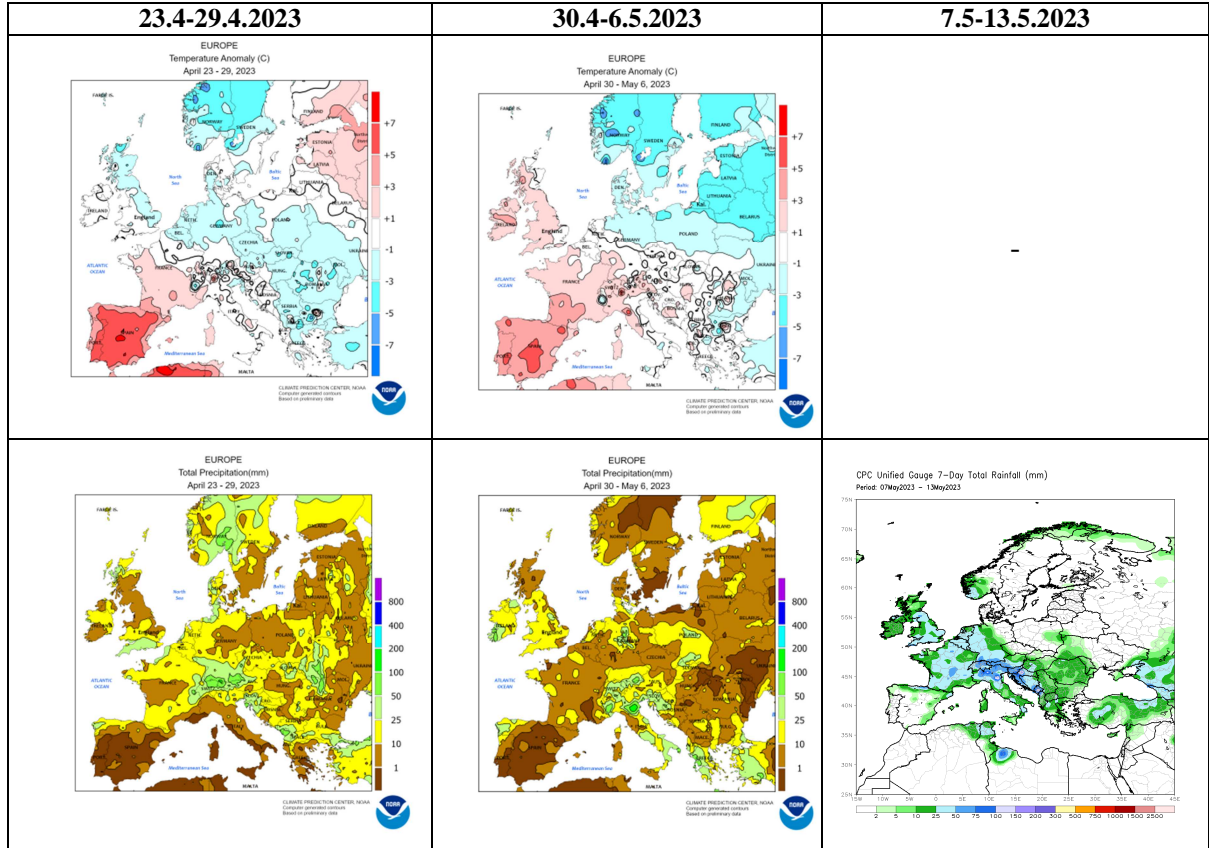
During the following three months (May, June and July), seasonal forecast predicts above average seasonal air temperature in most of the Balkans and Ukraine, as well as central and eastern Turkey. Precipitation surplus is expected in the Carpathians, northeastern Turkey, South Caucasus, Israel and Jordan. Precipitation deficit is predicted for coastal regions of the Balkans, Cyprus and Syria, as well as northern, western and southern Turkey.

## **Update**

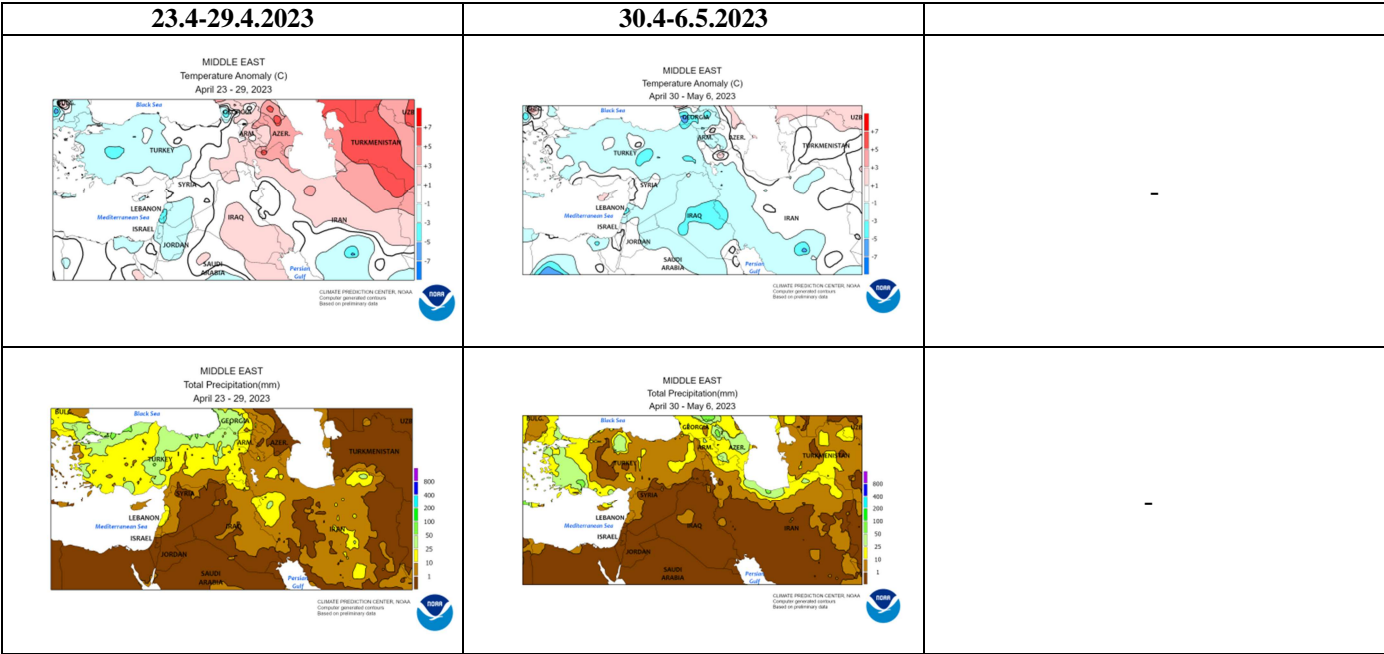
An updated statement will be issued on 22-5-2023

For further information, please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

ANNEX

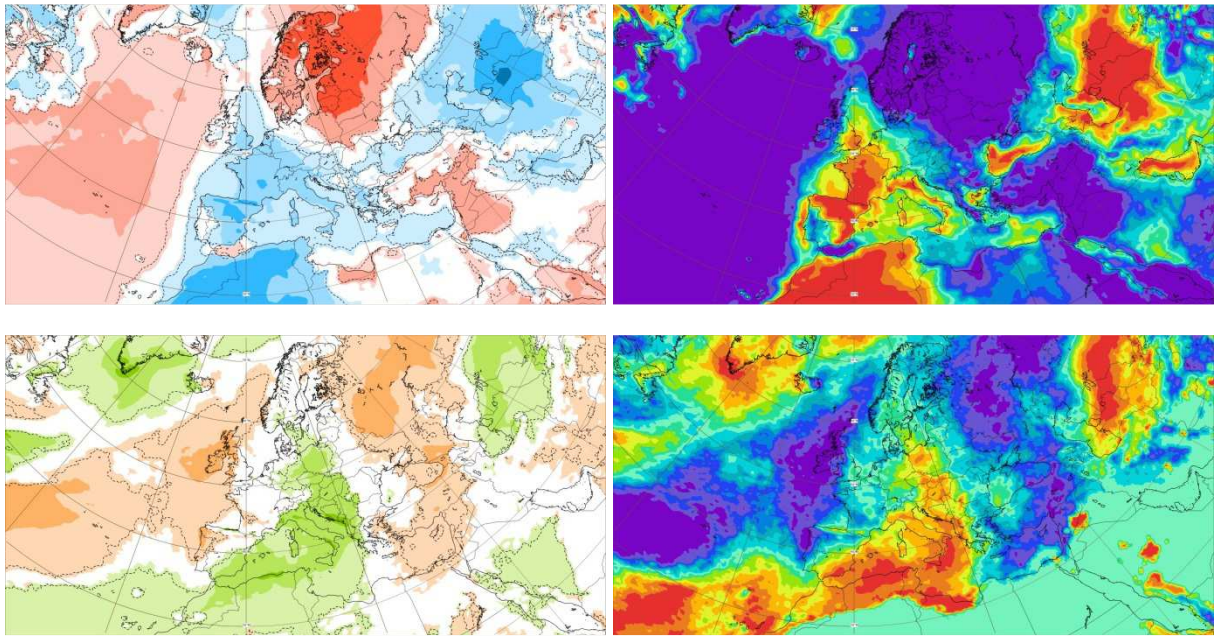


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

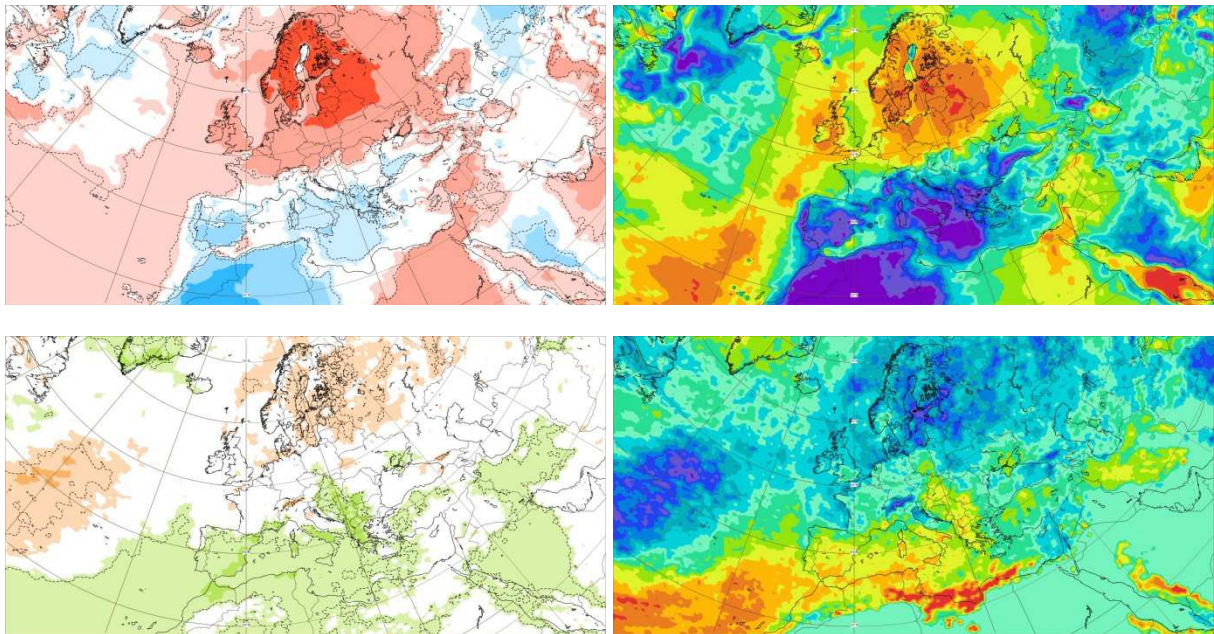


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

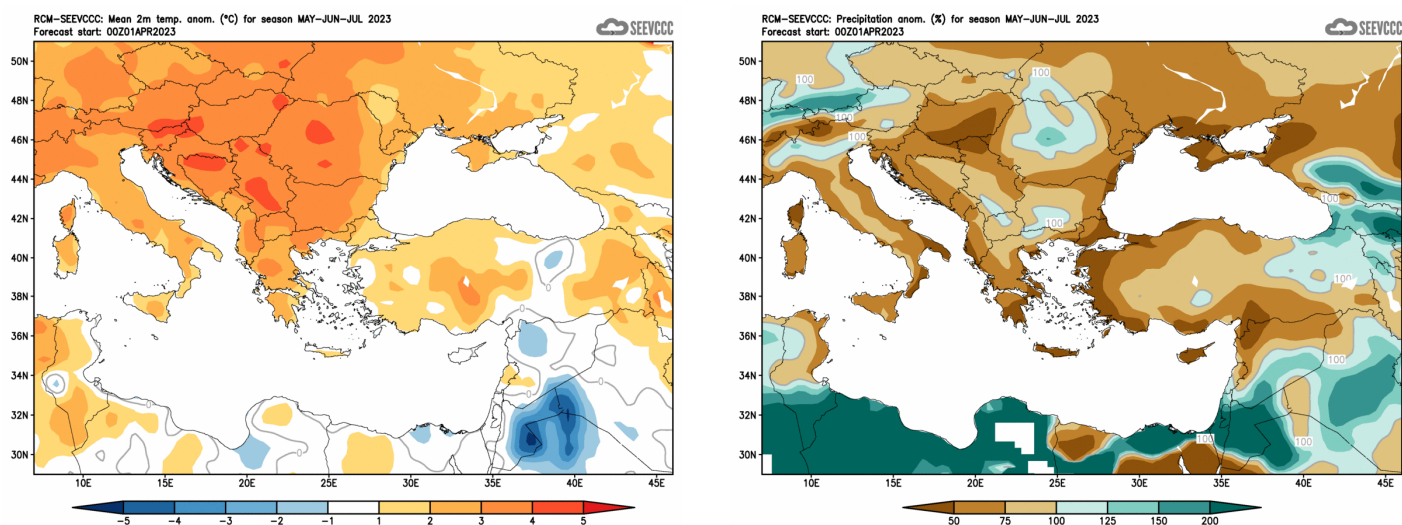




**Figure 3.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 15.5–21.5.2023 period



**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 22.5–28.5.2023 period



**Figure 5.** Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

### Sources

- Republic Hydrometeorological Service of Serbia ([www.hidmet.gov.rs](http://www.hidmet.gov.rs))
- South East European Virtual Climate Change Center ([www.seevccc.rs](http://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/>)