

Topic: **temperature, precipitation**

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 2-5-2022 16:00 P.M.
Cancelled

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Valid from – to: 2-5-2022 – 31-7-2022 Next amendment: 9-5-2022

Region of concern: **Balkans, Ukraine, Moldova, Turkey and South Caucasus**

„Within the first week (2 to 9 May 2022), ECMWF monthly forecast predicts below average mean weekly air temperature in the entire SEE region, with anomaly up to -3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is expected in some parts of the western, central and southern Balkans, as well as in some parts of Turkey and the South Caucasus, with up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in some parts of the eastern Balkans, Moldova and eastern Ukraine, with around 70% probability for exceeding lower tercile.“

Monitoring

During the period from 23 to 29 April 2022, weekly precipitation sums were mostly below 25 mm except for Moldova and eastern Balkans, where they were up to 50 mm. In the Carpathian region precipitation sums reached up to 75 mm.

Outlook

Within the first week (2 to 9 May 2022), ECMWF monthly forecast predicts below average mean weekly air temperature in the entire SEE region, with anomaly up to -3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is expected in some parts of the western, central and southern Balkans, as well as in some parts of Turkey and the South Caucasus, with up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in some parts of the eastern Balkans, Moldova and eastern Ukraine, with around 70% probability for exceeding lower tercile.

During the second week (9 to 16 May 2022), below average mean weekly air temperature is expected for the southeastern Balkans, Cyprus and most of Turkey, with anomaly up to -3°C and up to 70% probability for exceeding lower tercile. In rest of the region, the average weekly air temperature is forecast. Precipitation surplus is forecasted for Cyprus and some parts of Turkey, with around 60% for exceeding upper tercile. Precipitation deficit is expected for the eastern Balkans, Moldova and some parts of the Ukraine with around 60% probability for exceeding lower tercile.

During the following three months (May, June and July), seasonal forecast predicts above normal seasonal air temperature in the Balkans, western and central Ukraine, as well as central and eastern Turkey. Precipitation surplus is expected in the South Caucasus region. Precipitation deficit is predicted for most of the Balkans, Ukraine, Cyprus and Turkey.

Update

An updated statement will be issued on 9-5-2022

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

ANNEX

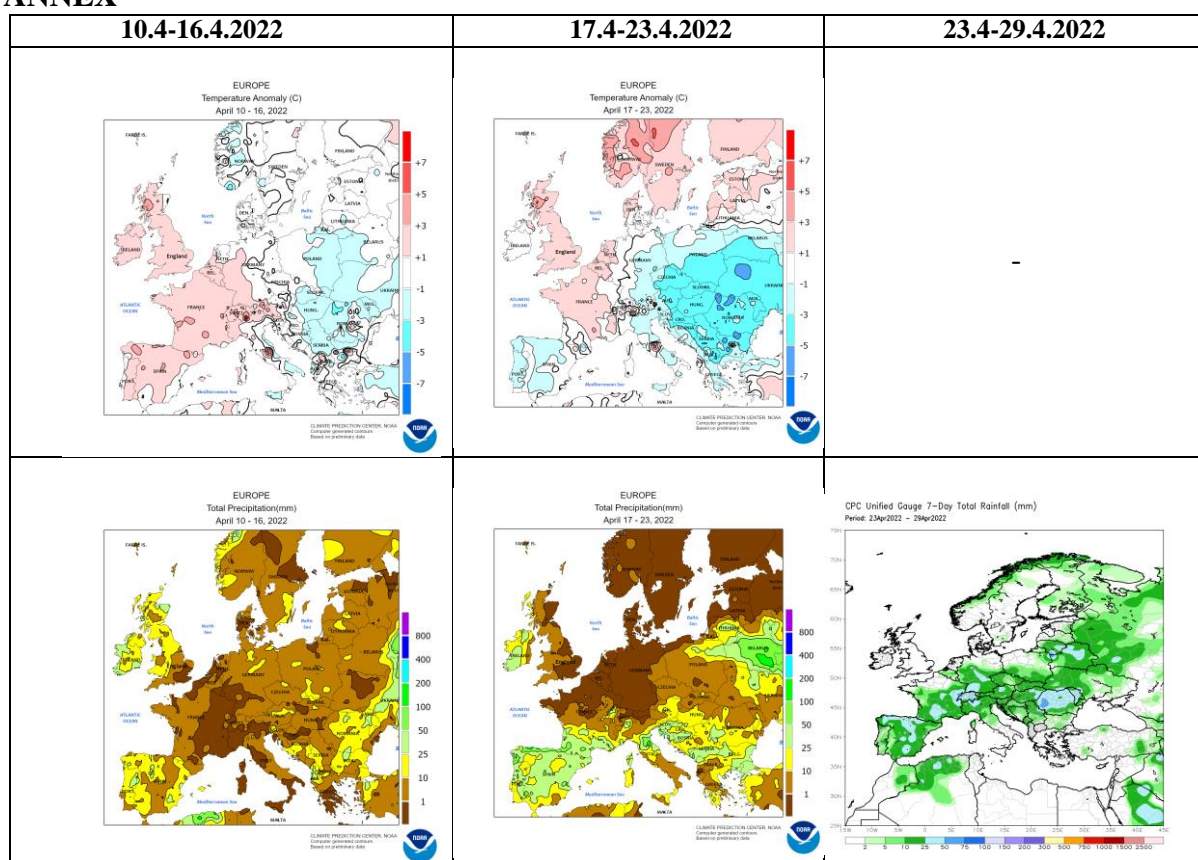


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

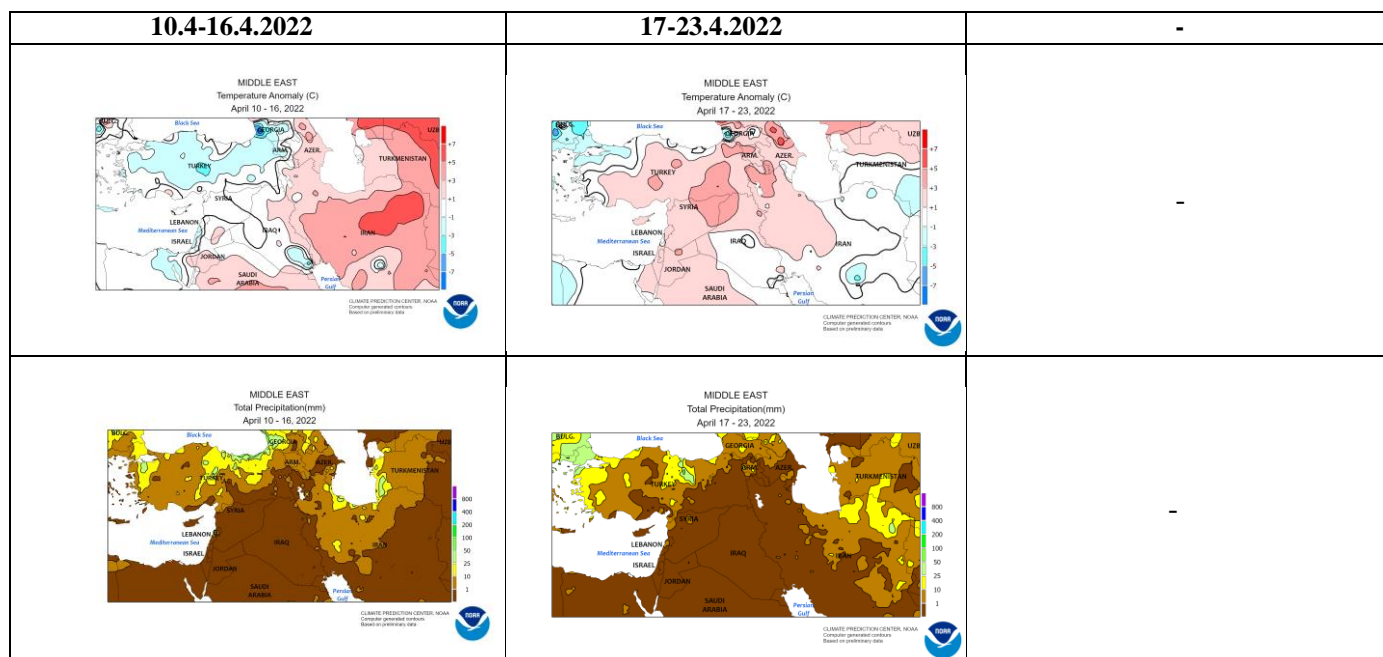


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

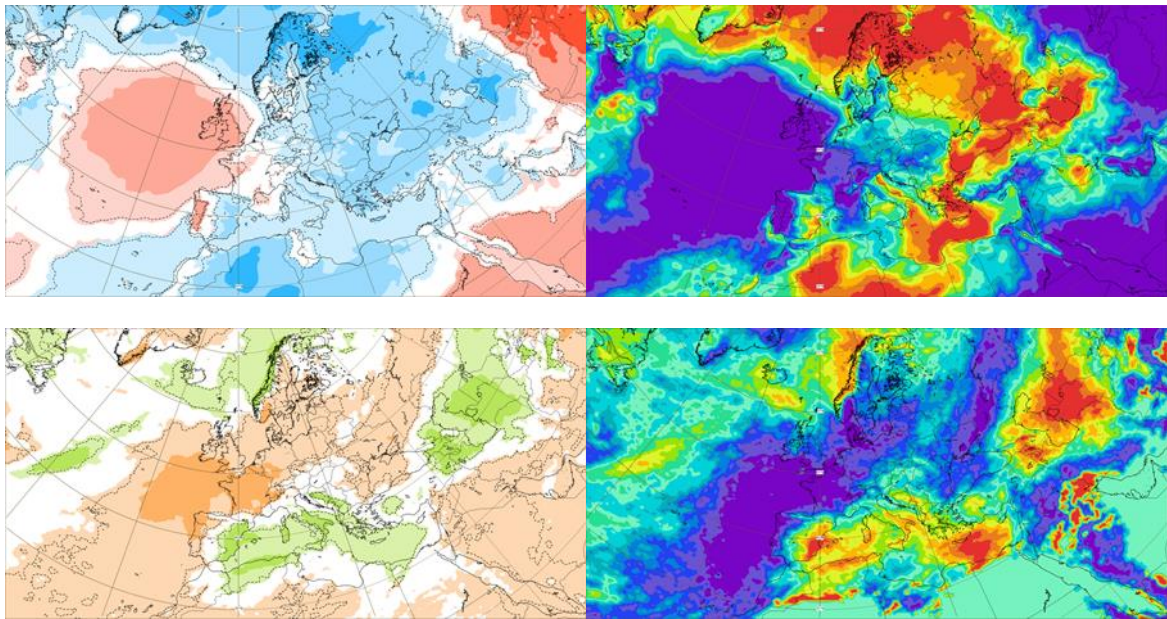


Figure 3. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 2.5–9.5.2022 period

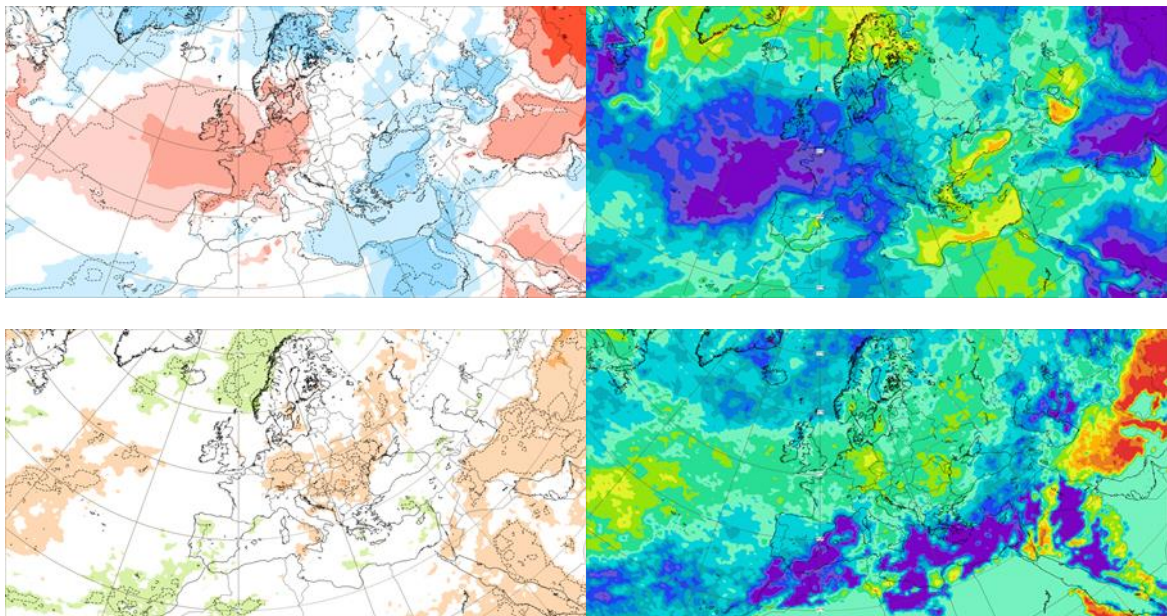


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 9.5–16.5.2022 period

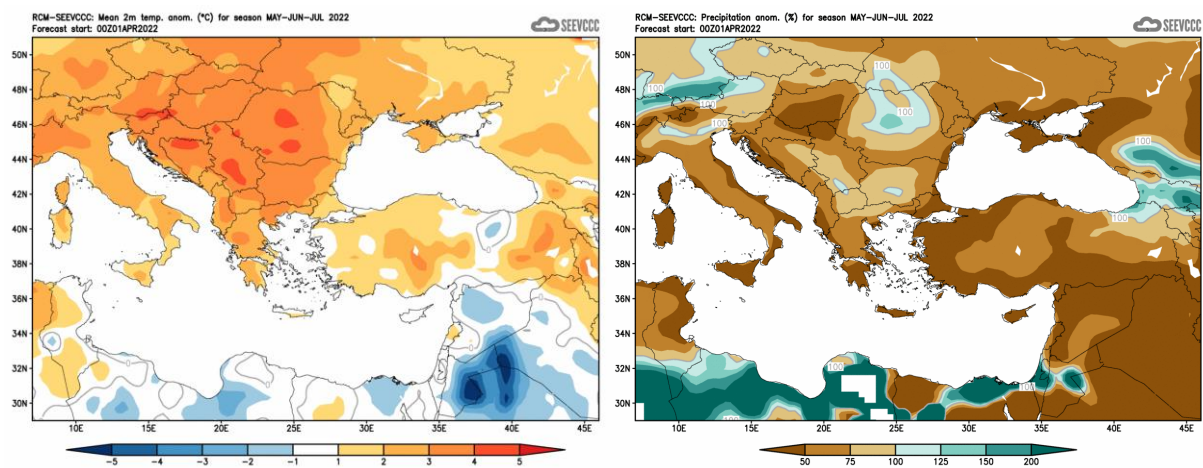


Figure 6. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- 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/>)