

Topic: **temperature, precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Valid from – to: 9-5-2022 – 31-7-2022 Next amendment: 16-5-2022

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

„Within the first week (9 to 15 May 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the Balkans, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Below normal air temperature is predicted for most of Turkey and South Caucasus with anomaly up to -3°C and probability for lower tercile up to 90%. Precipitation deficit is expected in most of the region, with around 80% 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 western Balkans, where they were up to 50 mm. In the South Caucasus region precipitation sums reached up to 75 mm.

Outlook

Within the first week (9 to 15 May 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the Balkans, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Below normal air temperature is predicted for most of Turkey and South Caucasus with anomaly up to -3°C and probability for lower tercile up to 90%. Precipitation deficit is expected in most of the region, with around 80% probability for exceeding lower tercile.

During the second week (16 to 22 May 2022), below average mean weekly air temperature is expected for the eastern and southern 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 deficit is expected for the central and western Balkans, with up to 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 16-5-2022

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

ANNEX

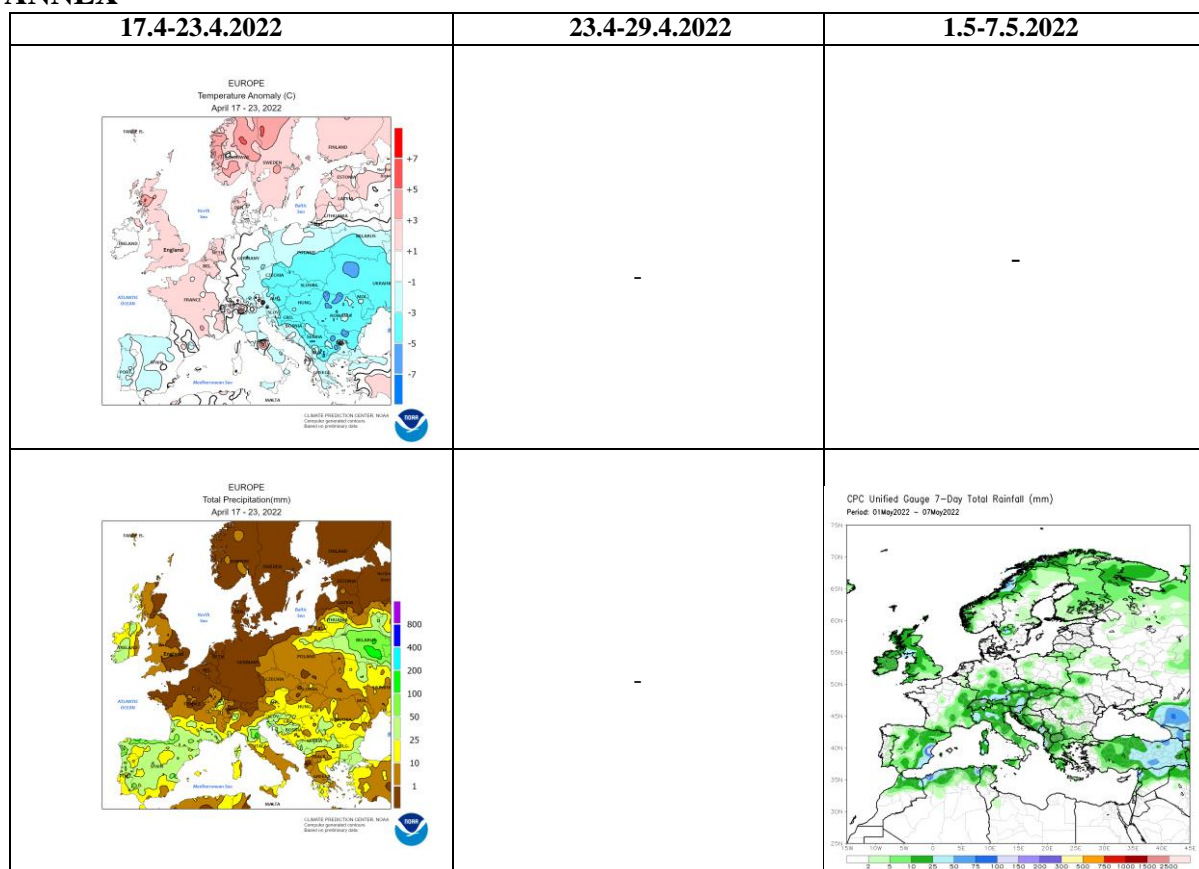


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

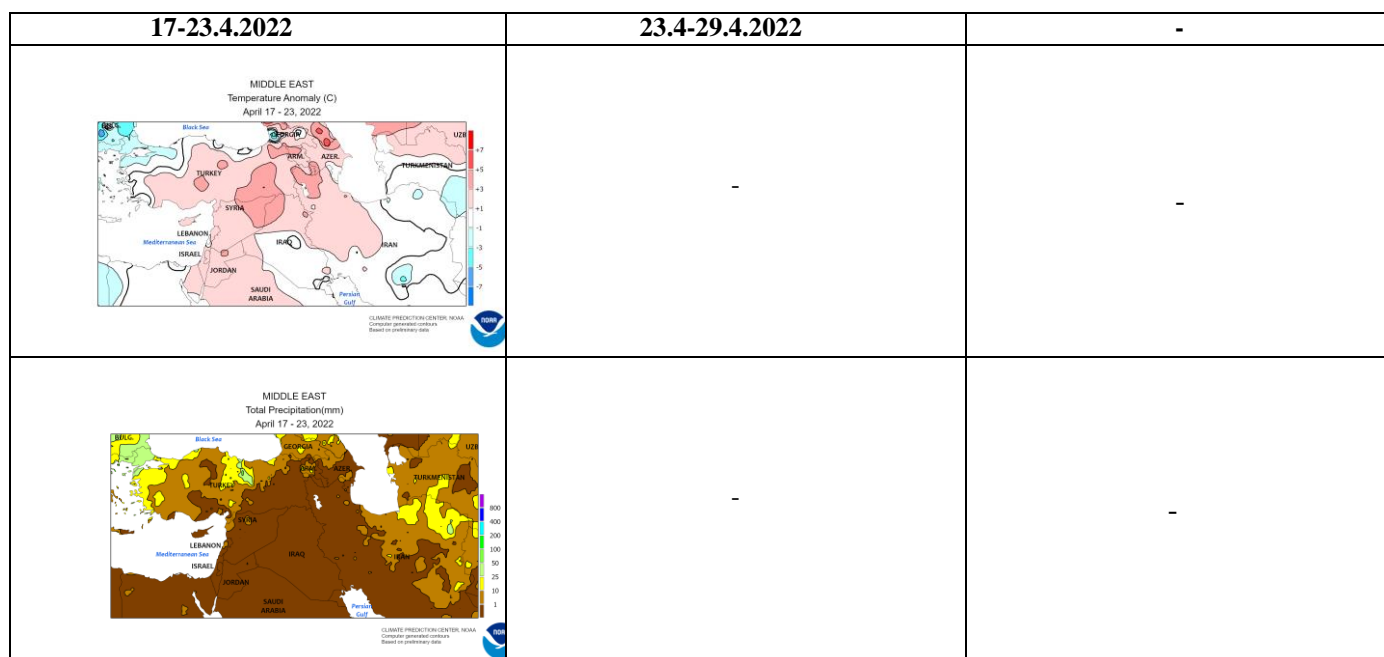


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

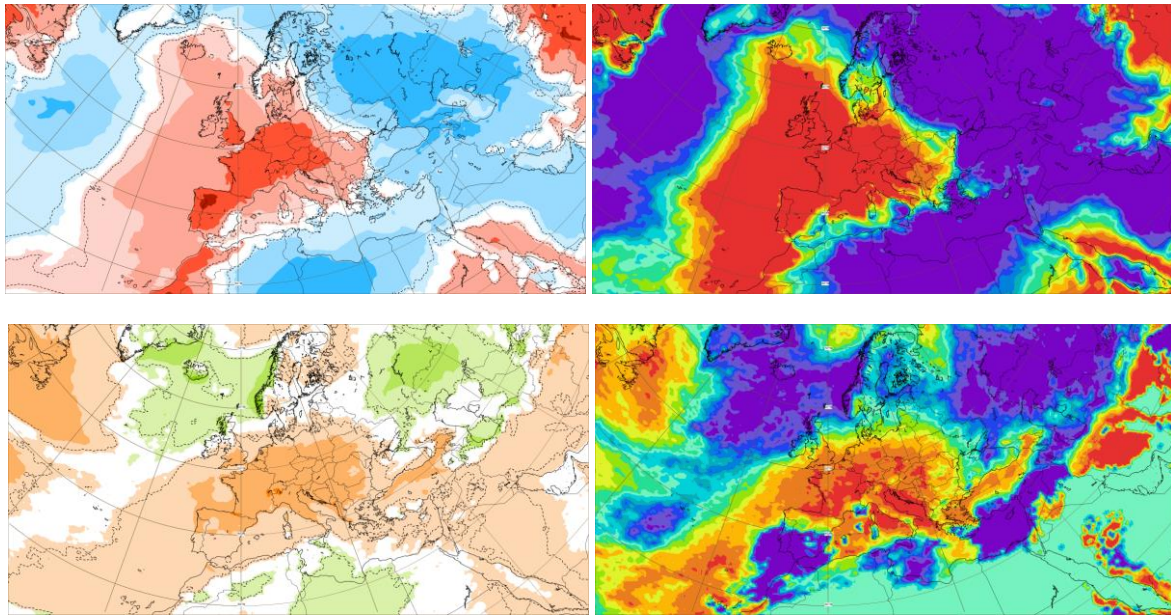


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 9.5–15.5.2022 period

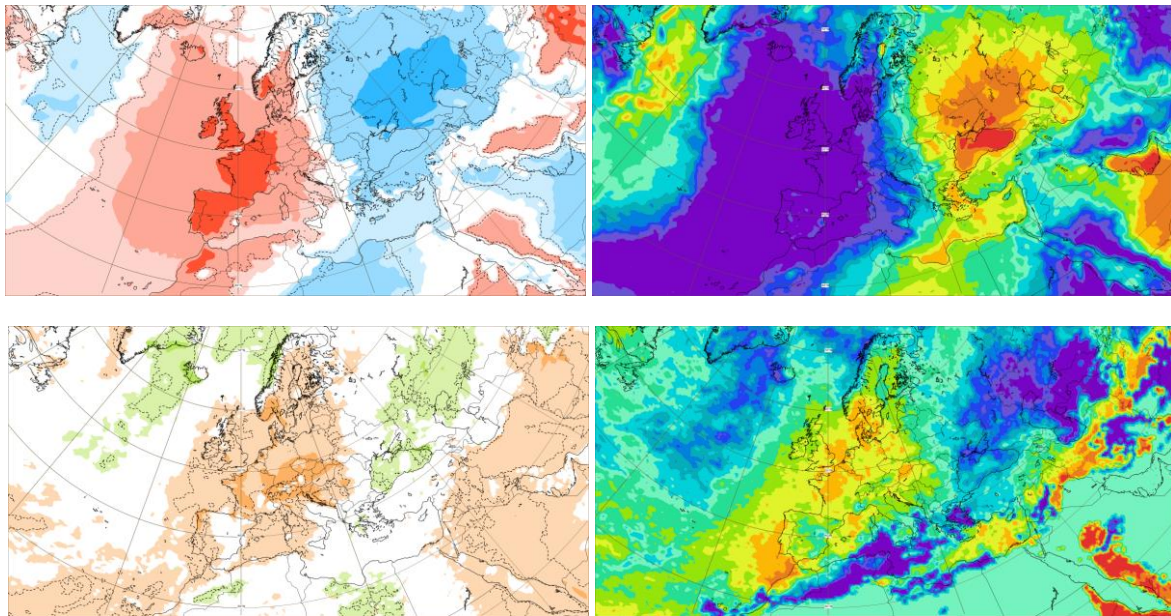


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 16.5–22.5.2022 period

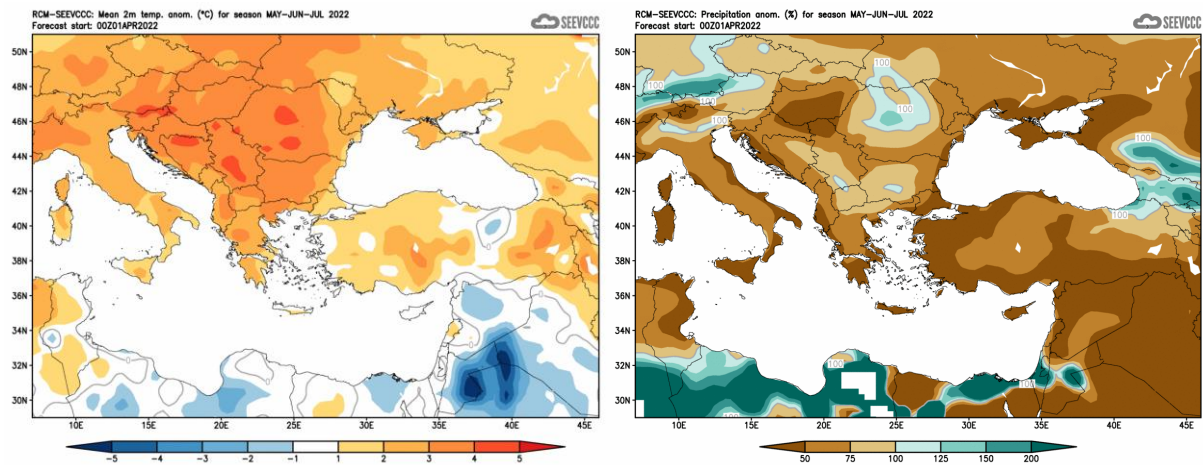


Figure 6. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

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/>)