

Topic: **temperature, precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Valid from – to: 25-4-2022 – 31-7-2022 Next amendment: 2-5-2022

Region of concern: **Balkans, Ukraine, Cyprus, Turkey, South Caucasus and Middle East**

„Within the first week (25 April to 1 May 2022), ECMWF monthly forecast predicts above normal mean weekly air temperature in southern and eastern Balkans, southeastern Ukraine, Cyprus, Turkey, South Caucasus and Middle East, with anomaly up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected along the Adriatic and Ionian Sea coast, Cyprus, northwestern and southwestern Turkey and Georgia, with up to 70% probability for exceeding lower tercile. During the second week (2 to 8 May 2022) above average mean weekly air temperature is expected in eastern Turkey, Armenia and Azerbaijan, with anomaly up to +3°C and up to 70% probability for exceeding upper tercile. Precipitation deficit is expected in the southern Ionian and Aegean Sea with up to 70% probability for lower tercile.“

Monitoring

During the period from 17 to 23 April 2022, weekly precipitation sums were mostly below 25 mm except in northern Ukraine, southern Carpathian Mountains and some parts of the Balkans, where they were up to 50 mm.

Outlook

Within the first week (25 April to 1 May 2022), ECMWF monthly forecast predicts above normal mean weekly air temperature in southern and eastern Balkans, southeastern Ukraine, Cyprus, Turkey, South Caucasus and Middle East, with anomaly up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected along the Adriatic and Ionian Sea coast, Cyprus, northwestern and southwestern Turkey and Georgia, with up to 70% probability for exceeding lower tercile.

During the second week (2 to 8 May 2022), above average mean weekly air temperature is expected in eastern Turkey, Armenia and Azerbaijan, with anomaly up to +3°C and up to 70% probability for exceeding upper tercile. Below average mean weekly air temperature is forecasted for the southeast Balkans and northwestern Turkey, with anomaly up to -3°C and around 60% probability for exceeding lower tercile. Precipitation deficit is expected in the southern Ionian and Aegean Sea with up to 70% probability for 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 2-5-2022

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

ANNEX

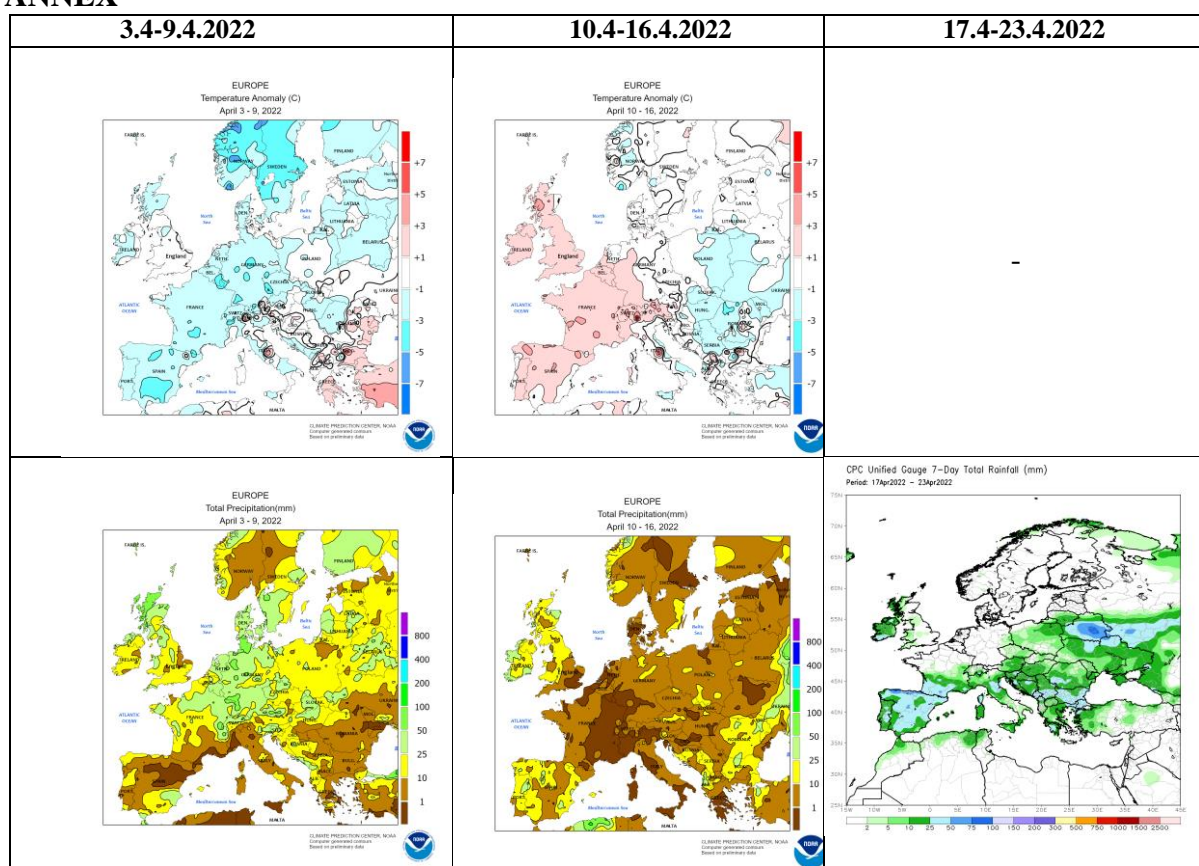


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

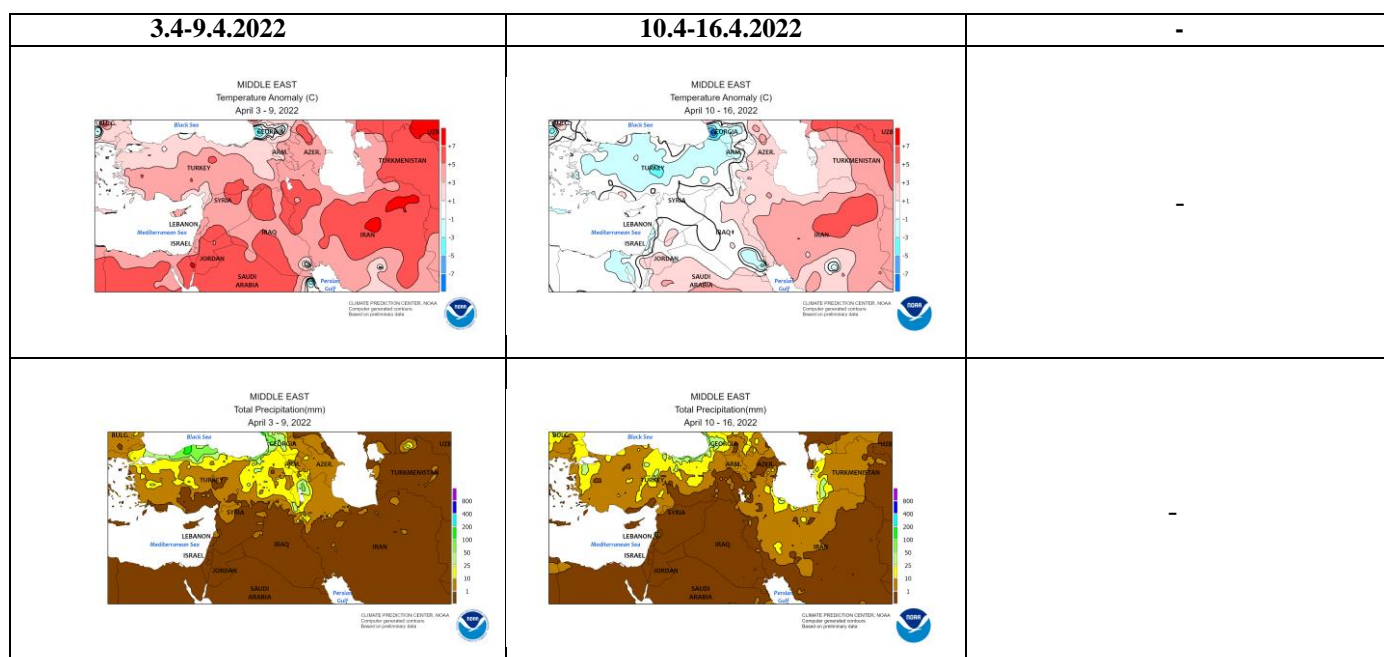


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

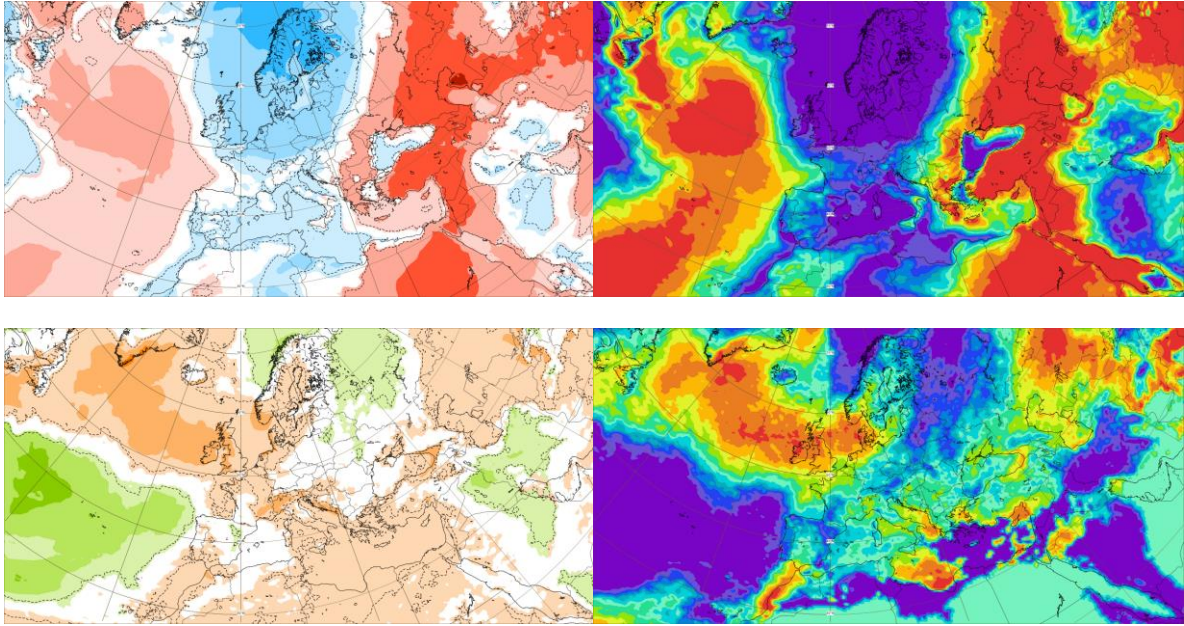


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 25.4–1.5.2022 period

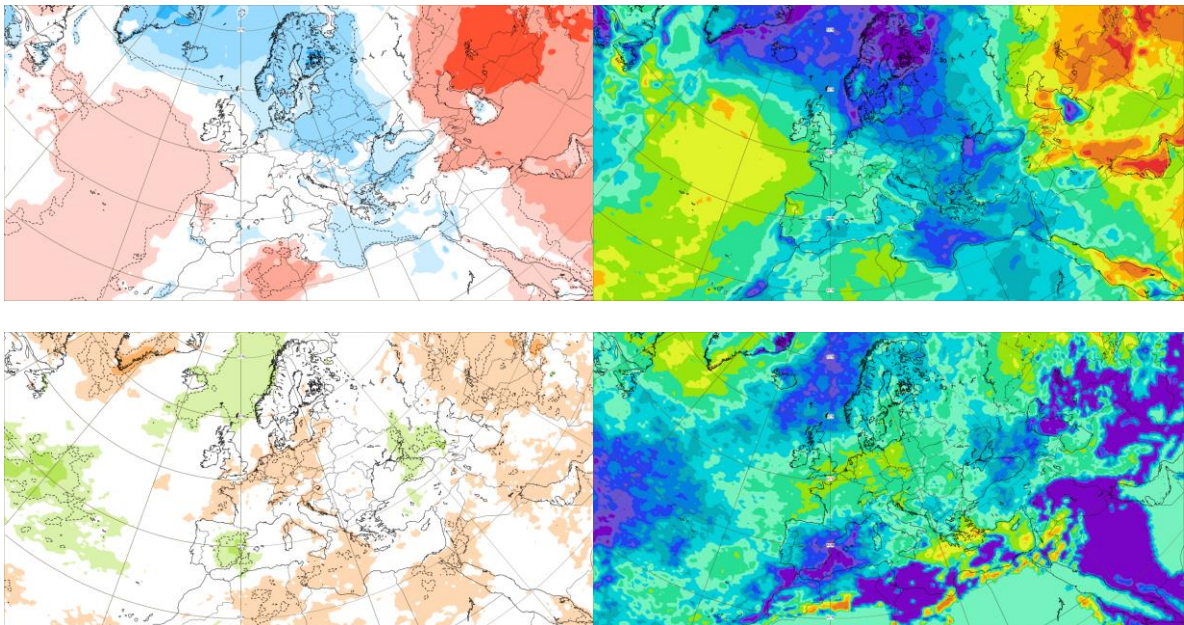


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 2.5–8.5.2022 period

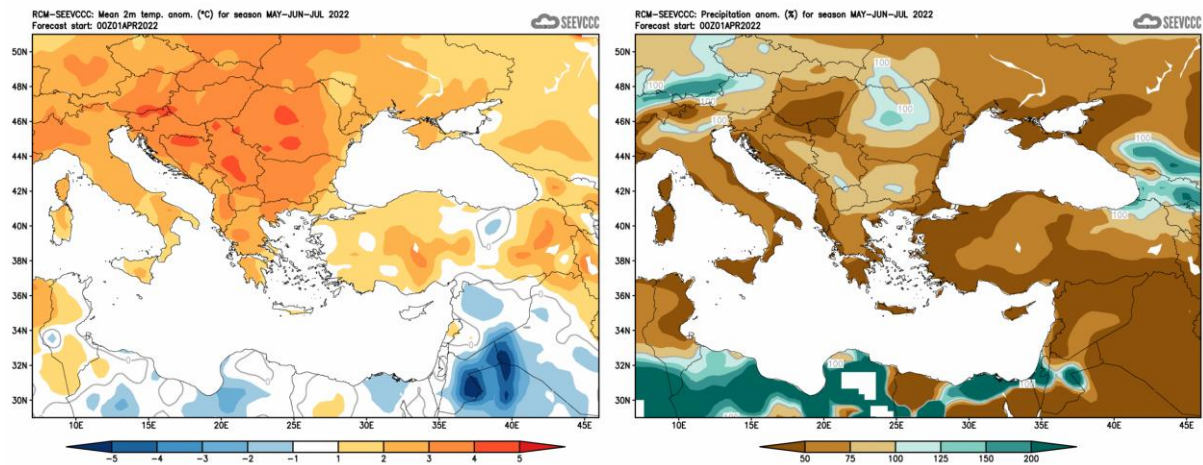


Figure 6. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

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/>)