

Topic: **temperature** and **precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Region of concern: **the Balkans, Turkey, Ukraine**

„Within the first week (4 to 10 July 2022), ECMWF monthly forecast predicts above average mean weekly air temperature, with up to +3°C anomaly, along the Adriatic and Ionian Sea cost, eastern Romania, Moldova, as well as central and eastern Ukraine. Probability for exceeding upper tercile is around 90% along the Adriatic and Ionian Sea cost, and Ukraine, while in Romania and Moldova it is up to 70%. Precipitation deficit is predicted for the South Caucasus region, with up to 90% probability for exceeding lower tercile. For the second week (11 to 17 July) above average temperature is expected in eastern Turkey, Armenia and Azerbaijan, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in the South Caucasus region, with up to 90% probability for exceeding lower tercile.“

Monitoring

During the period from 26 June to 2 July 2022, weekly precipitation sums were below 25 mm in most of the SEE region, except in Georgia where they were around 50 mm and northern Turkey with more than 100 mm of weekly precipitation totals.

Outlook

Within the first week (4 to 10 July 2022), ECMWF monthly forecast predicts above average mean weekly air temperature, with up to +3°C anomaly, along the Adriatic and Ionian Sea coast, eastern Romania, Moldova, as well as central and eastern Ukraine. Probability for exceeding upper tercile is around 90% along the Adriatic and Ionian Sea coast, and Ukraine, while in Romania and Moldova it is up to 70%. Below average mean weekly air temperature is expected in Armenia, with anomaly up to -3°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is forecasted in the Carpathian Mountains and Ionian Sea coast, with around 70% probability for exceeding upper tercile. Precipitation deficit is predicted for the South Caucasus region, with up to 90% probability for exceeding lower tercile.

During the second week (11 to 17 July 2022), above average temperature is expected in eastern Turkey, Armenia and Azerbaijan, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Below average mean weekly air temperature is expected in the southern Balkans and central Turkey, with anomaly up to -6°C and up to 90% probability for exceeding lower tercile, in Turkey up to 70%. Precipitation deficit is expected in the South Caucasus region, with up to 90% probability for exceeding lower tercile.

During the following three months (July, August and September), seasonal forecast predicts above normal seasonal air temperature in the northern and western Balkans, most of Romania and western Ukraine. Below normal seasonal air temperature is expected in Jordan and part of central and southeastern Turkey. Precipitation surplus is expected in the Carpathians and the South Caucasus region. Precipitation deficit is predicted for rest of the SEE region.

Update

An updated statement will be issued on 11-7-2022

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

ANNEX

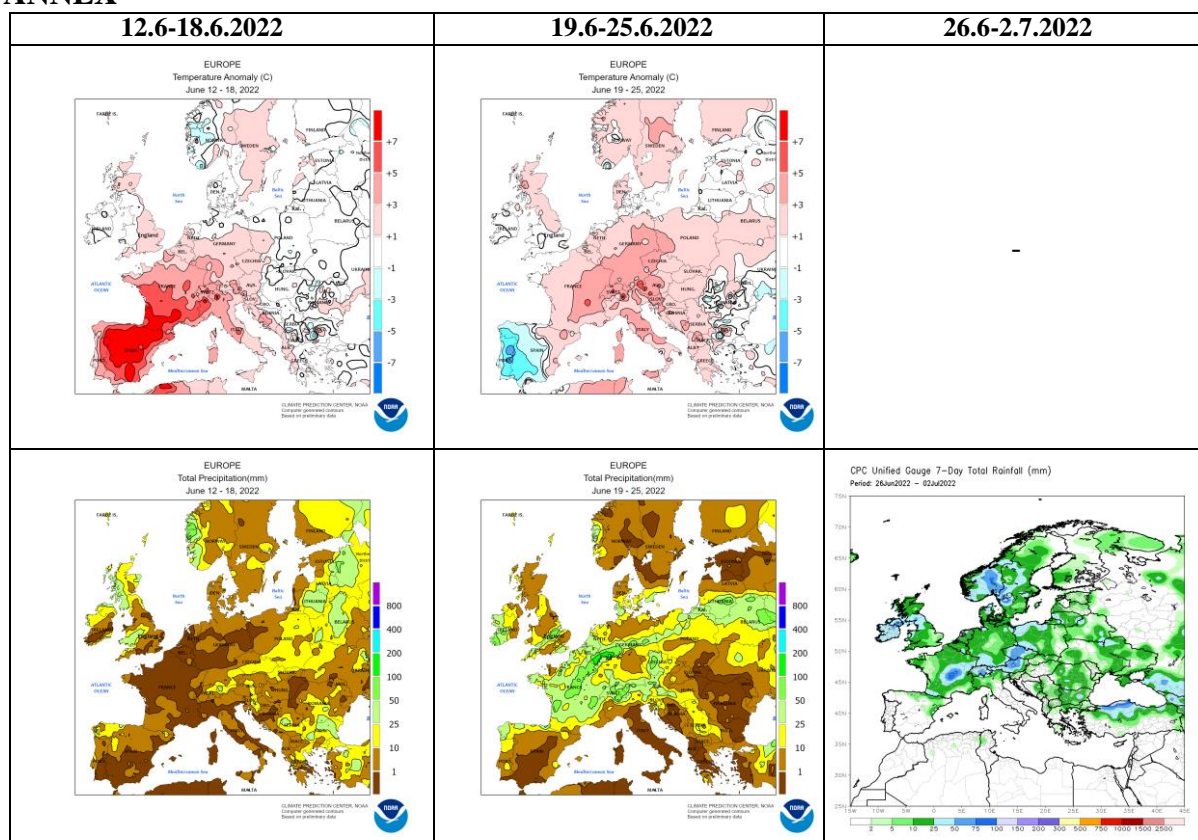


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

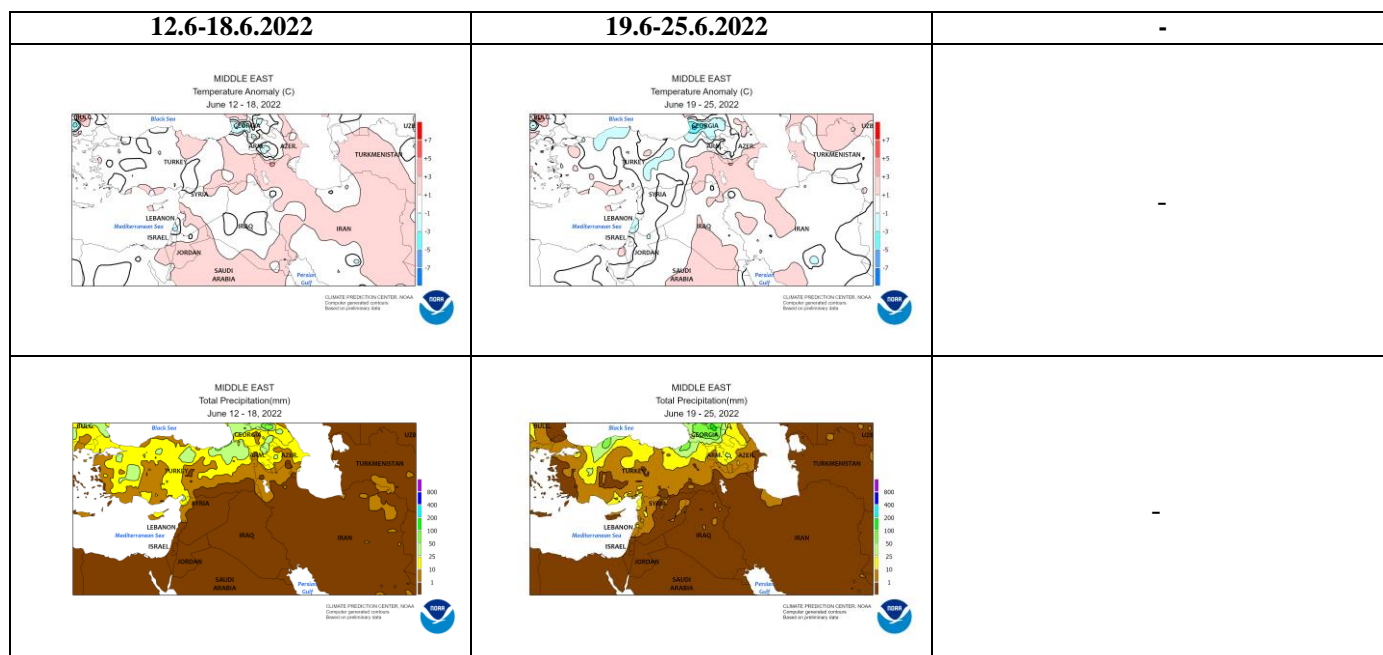


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

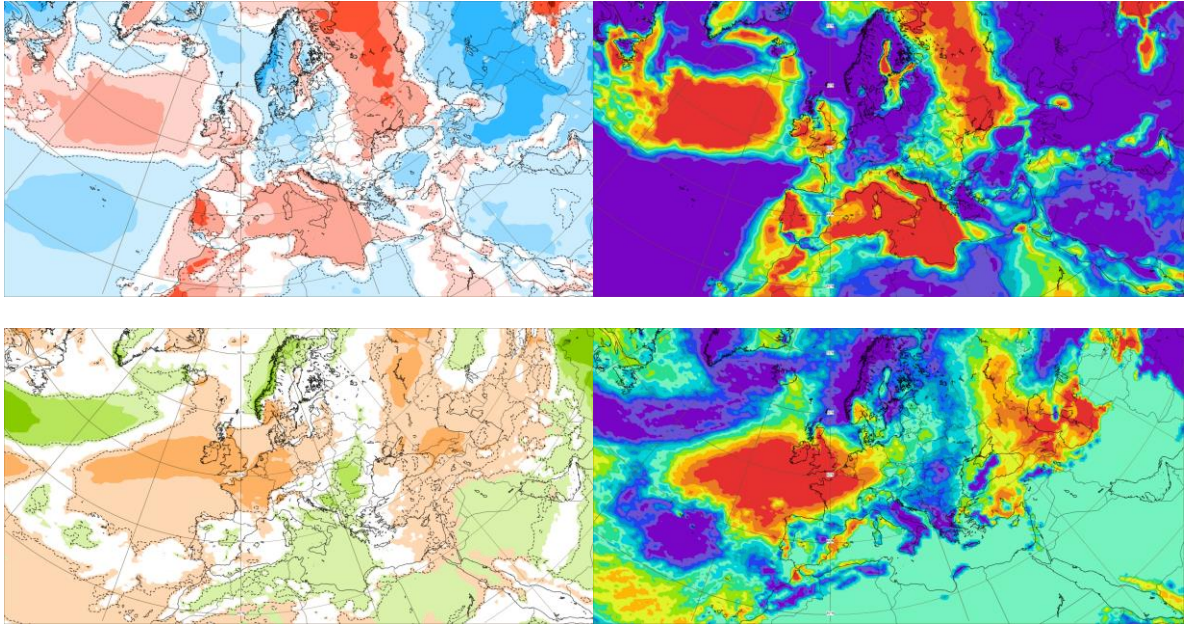


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 4.7–10.7.2022 period

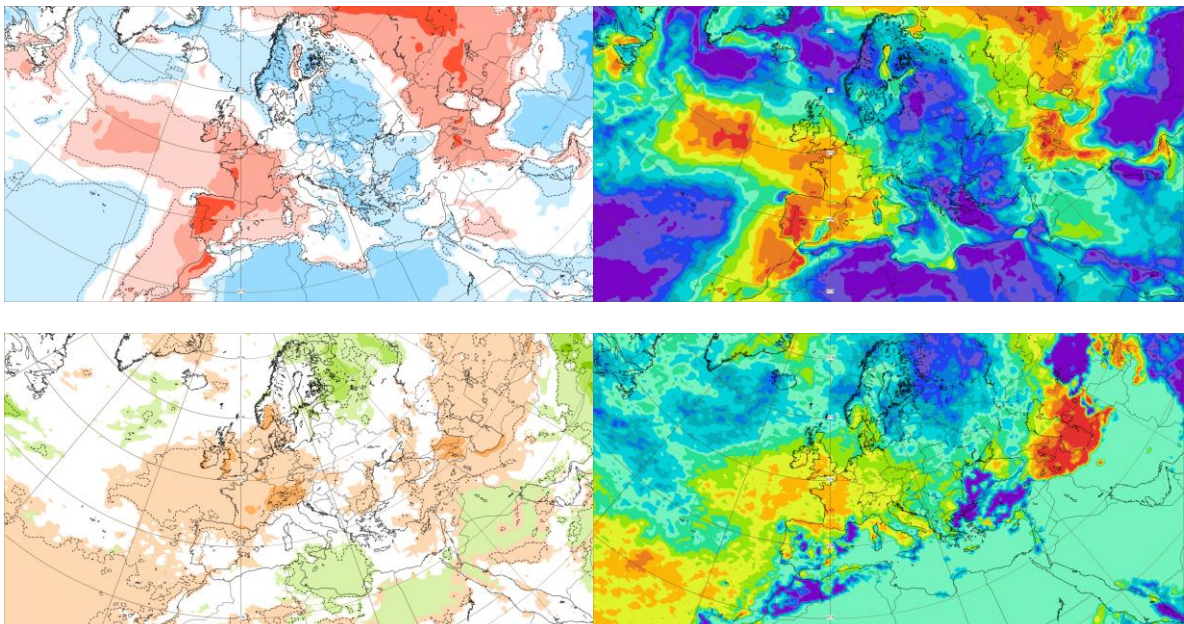


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 11.7–17.7.2022 period

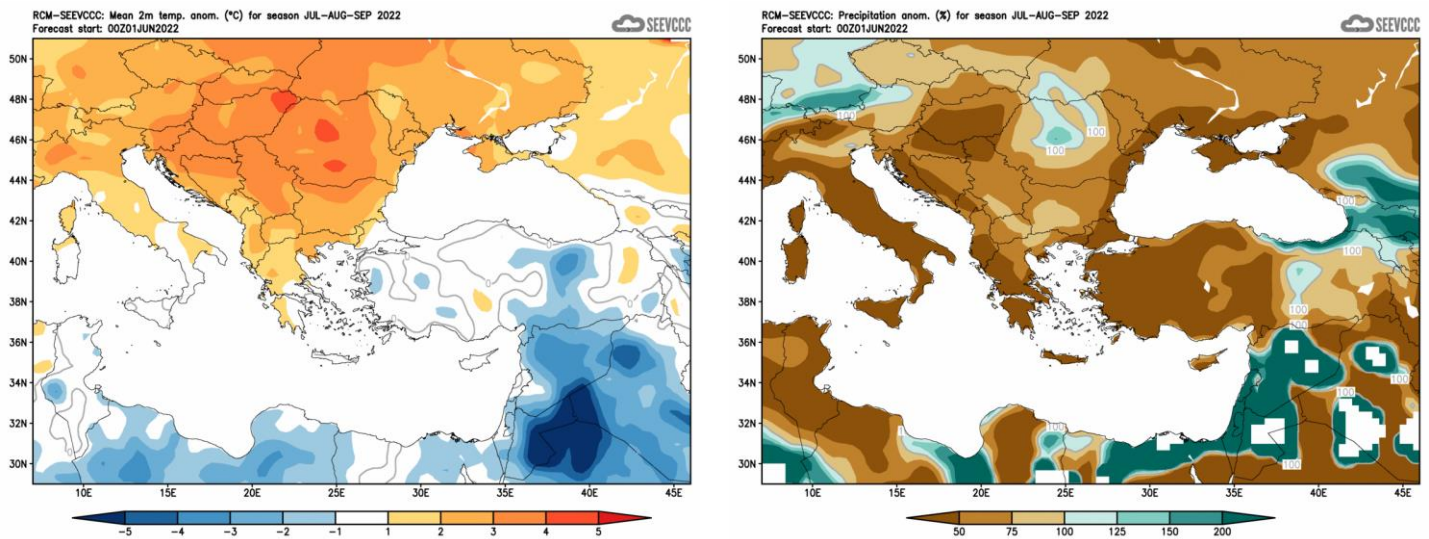


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook from RCM – SEEVCCC)

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/>)