

Topic: **temperature and precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Region of concern: **the Balkans, Romania, Moldova, Ukraine**

„Within the first week (20 to 26 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the Balkans, Romania, Moldova, western and southwestern Ukraine, with anomaly in a range from +3°C in most parts up to +6°C in the western and northern Balkans. Probability for exceeding upper tercile is from 60% in Ukraine and the southeastern Balkans up to 90% in most of the Balkans and southwestern Romania. Precipitation deficit is predicted for the Balkans, Moldova, and southern Ukraine, with probability for exceeding lower tercile in a range from 60% in Ukraine up to 90% in the southern Balkans.“

Monitoring

During the period from 12 to 18 June 2022, weekly precipitation sums were below 25 mm in most of the SEE region. In most of Bulgaria, parts of the western and central Balkans, parts of western, central and eastern Turkey and northern Georgia precipitation totals were up to 50 mm. In northwestern part of Northern Macedonia total precipitation sums were up to 500 mm.

Outlook

Within the first week (20 to 26 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the Balkans, Romania, Moldova, western and southwestern Ukraine, with anomaly in a range from +3°C in most parts up to +6°C in the western and northern Balkans. Probability for exceeding upper tercile is from 60% in Ukraine and the southeastern Balkans up to 90% in most of the Balkans and southwestern Romania. Below average mean weekly air temperature is expected in most of Turkey, south Caucasus and eastern Ukraine, with anomaly up to -3°C and around 60% probability for exceeding lower tercile. Precipitation surplus is expected in western Georgia, with probability up to 80% for exceeding upper tercile. Precipitation deficit is predicted for the Balkans, Moldova, and southern Ukraine, with probability for exceeding lower tercile in a range from 60% in Ukraine up to 90% in the southern Balkans.

During the second week (27 June to 3 July 2022), above average temperature is expected in the entire SEE region, with anomaly up to +3°C and probability for exceeding upper tercile in a range from around 50% in most of the Balkans and Turkey up to 90% along the coast of the Ionian Sea and southeastern Turkey. Precipitation deficit is expected in most of the Balkans, northern Turkey, most of Ukraine, Azerbaijan and western Georgia, with up to 70% 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 27-6-2022

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

ANNEX

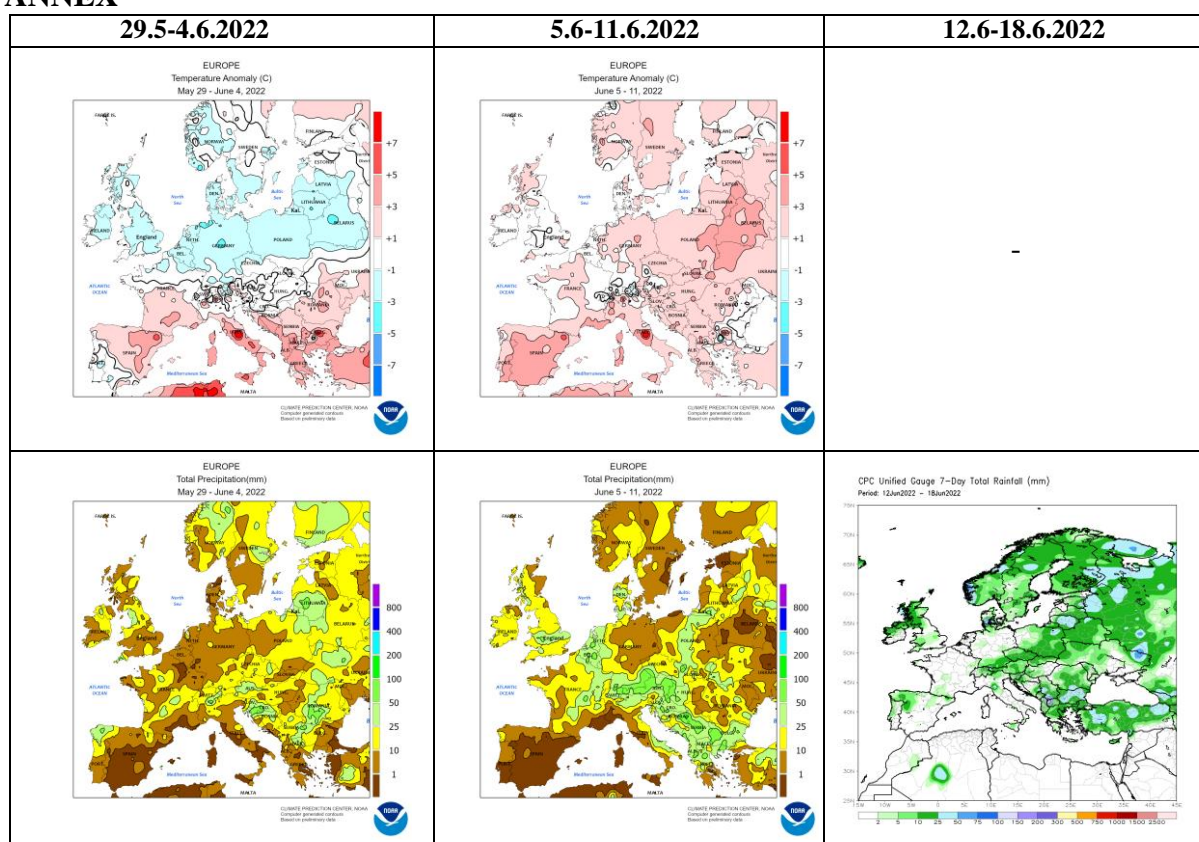


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

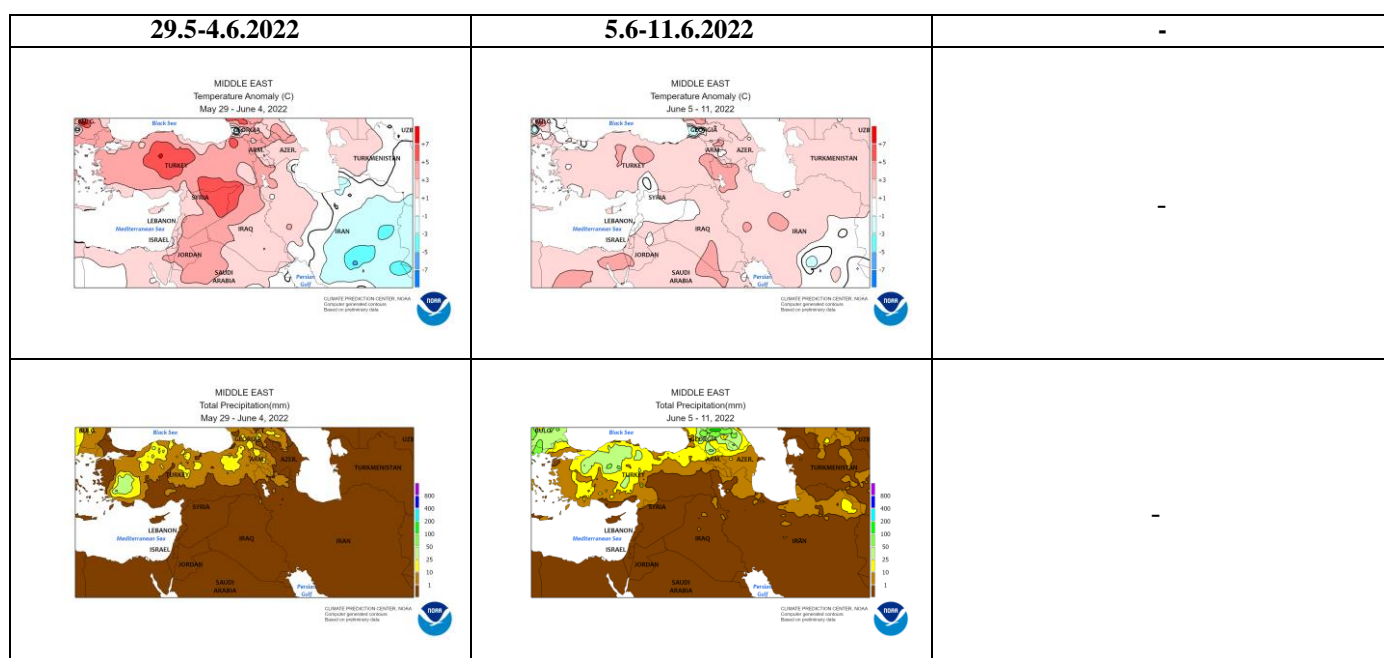


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

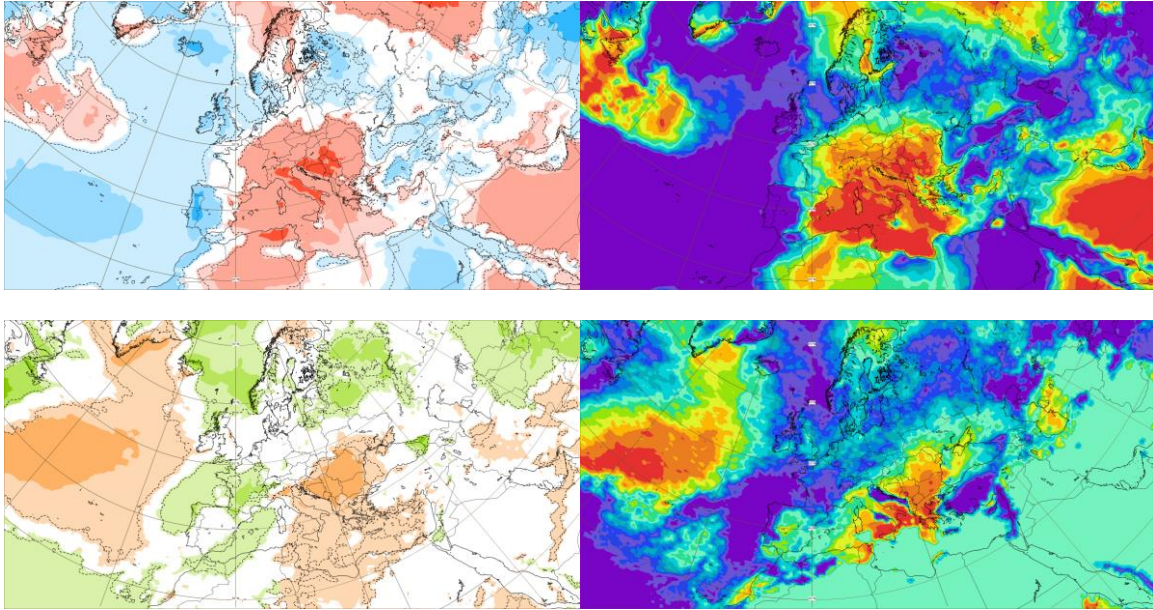


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 20.6–26.6.2022 period

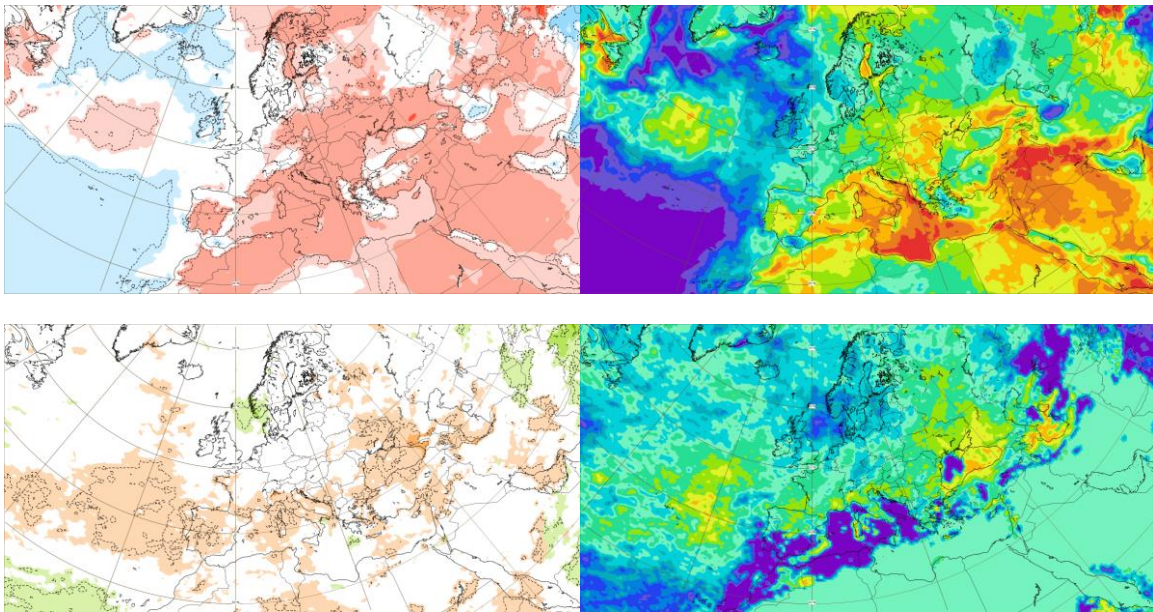


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 27.6–3.7.2022 period

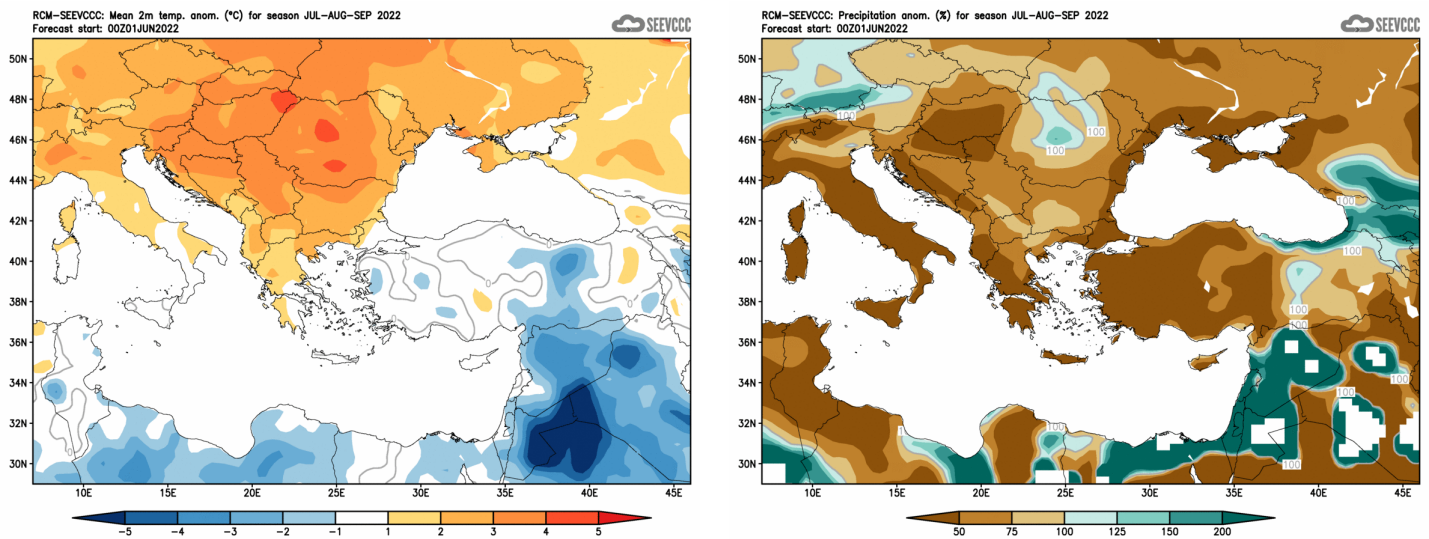


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook from RCM – SEEVCCC)

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/>)