

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

Organization issuing SEEVCCC

the statement:

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Cancelled

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Region of concern: **SEE**

„Within the first week (1 to 7 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature along the Adriatic coast, in the northwestern Balkans and southern Turkey, as well as some parts of central and south Balkans with anomaly up to +3°C. Probability for exceeding upper tercile is around 90%. Below average mean weekly air temperature is expected in the central and northern Turkey and South Caucasus, as well as Aegean region with anomaly up to -1°C. Probability for exceeding lower tercile is around 70%, in the Aegean area up to 90%. Precipitation surplus is expected in east Ukraine and South Caucasus, with probability for exceeding upper tercile up to 70%. Precipitation deficit is forecasted for Balkans and most of Turkey, with probability for exceeding lower tercile up to 80%.“

Monitoring

During the period from 24 to 30 July 2022, weekly precipitation sums reached up to 50 mm in the northwest, parts of the western and southern Balkans, and northeast of Ukraine, up to 100mm in western part of Bulgaria, and up to 150mm in western Serbia. In rest of the region, precipitation sums were below 25 mm.

Outlook

Within the first week (1 to 7 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature along the Adriatic coast, in the northwestern Balkans and southern Turkey, as well as some parts of central and south Balkans with anomaly up to +3°C. Probability for exceeding upper tercile is around 90%. Below average mean weekly air temperature is expected in the central and northern Turkey and South Caucasus, as well as Aegean region with anomaly up to -1°C. Probability for exceeding lower tercile is around 70%, in the Aegean area up to 90%. Precipitation surplus is expected in east Ukraine and South Caucasus, with probability for exceeding upper tercile up to 70%. Precipitation deficit is forecasted for Balkans and most of Turkey, with probability for exceeding lower tercile up to 80%.

During the second week (8 to 15 August 2022), above average temperature, with anomaly up to +3°C, is expected in eastern Ukraine, certain parts of the eastern and southern Balkans, as well as in the south of Turkey. Probability for exceeding upper tercile is up to 70%. In remainder of the SEE region average temperature is expected. Precipitation deficit is expected in the Aegean region and the south of Turkey, with up to 80% probability for exceeding lower tercile. In the rest of the SEE region, average amounts of precipitation are forecast.

During the following three months (August, September and October), seasonal forecast predicts above normal seasonal air temperature in the northern and eastern Balkans. Below normal seasonal air temperature is expected in 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 8-8-2022

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

ANNEX

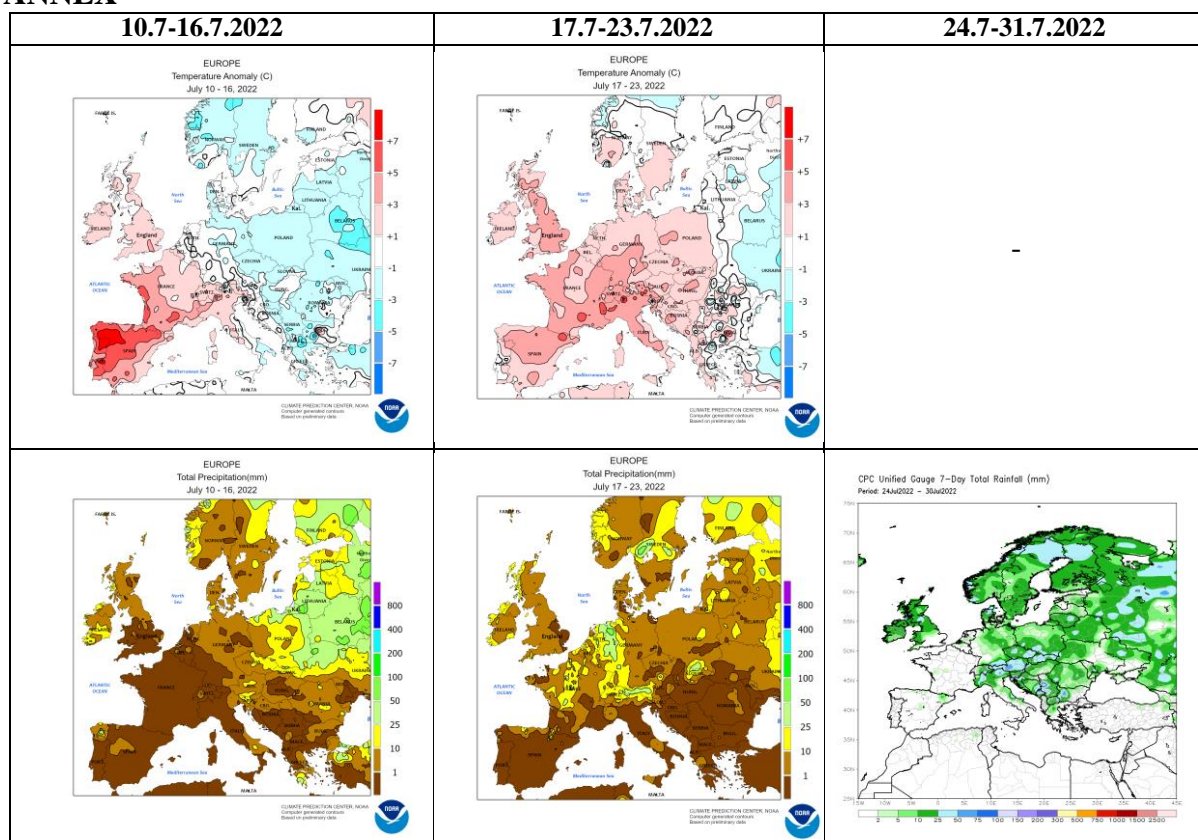


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

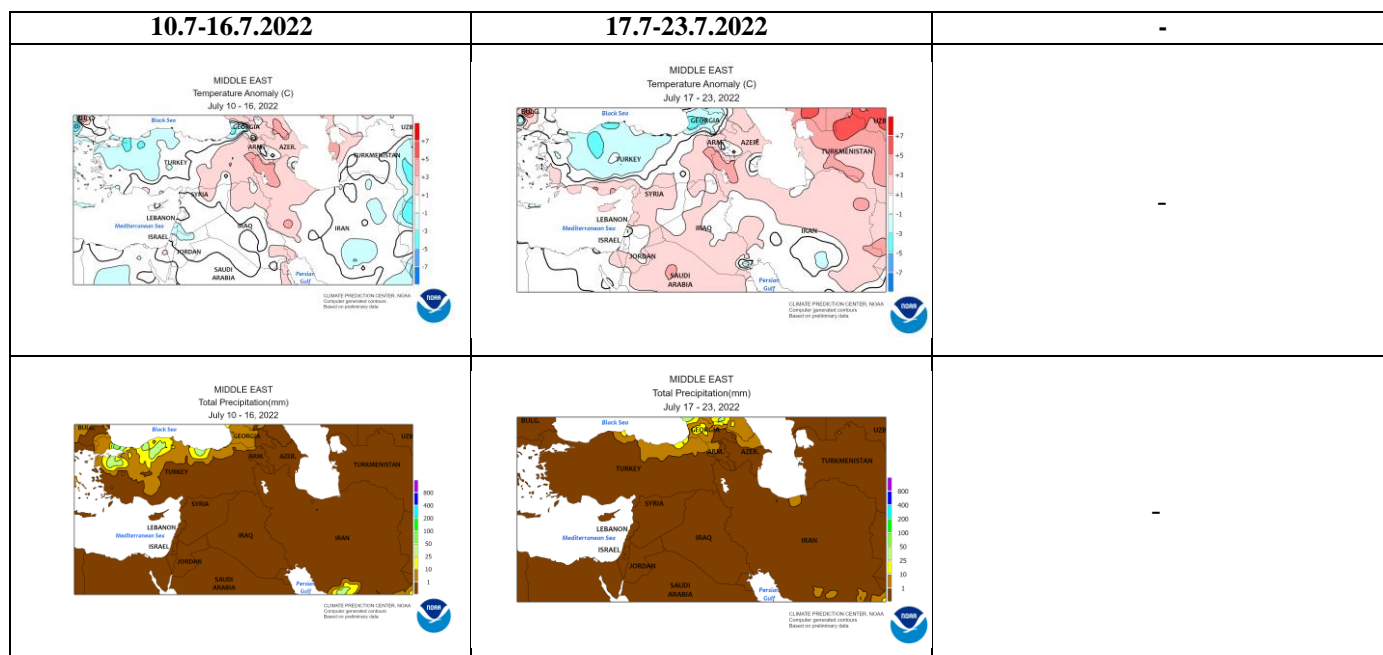


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

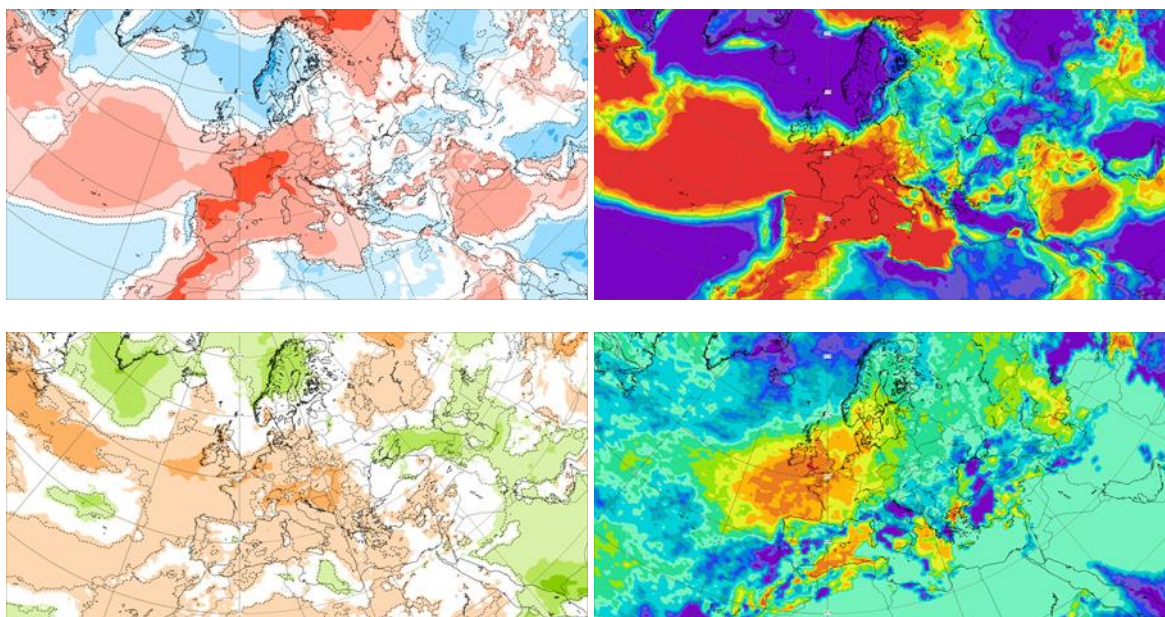


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 1.8–7.8.2022 period

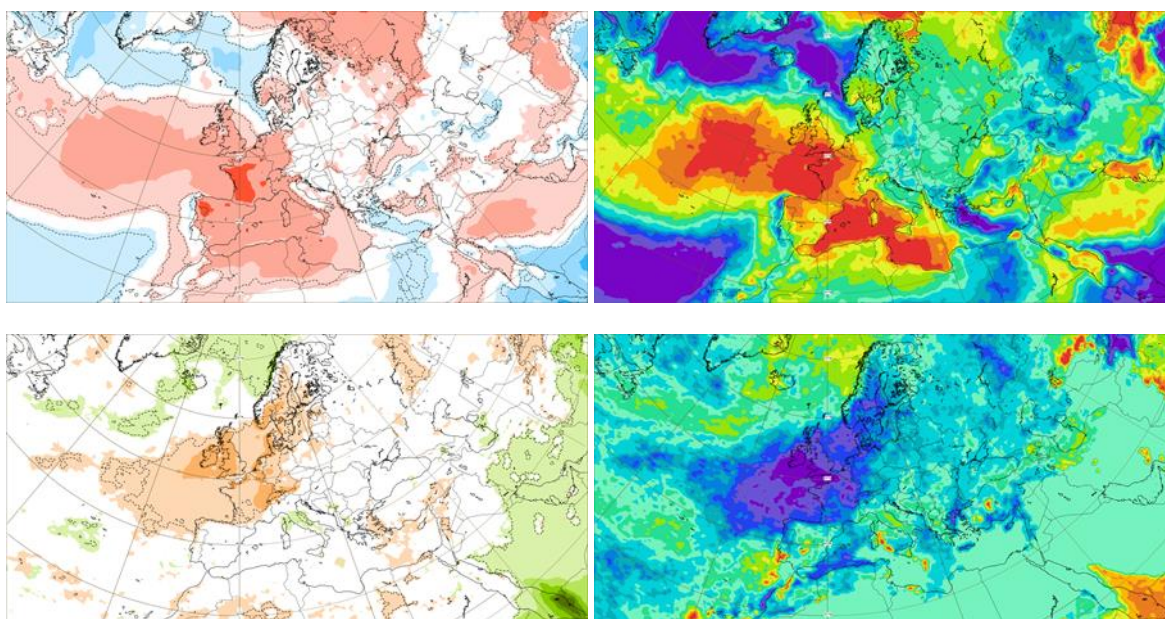


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 8.8–15.8.2022 period

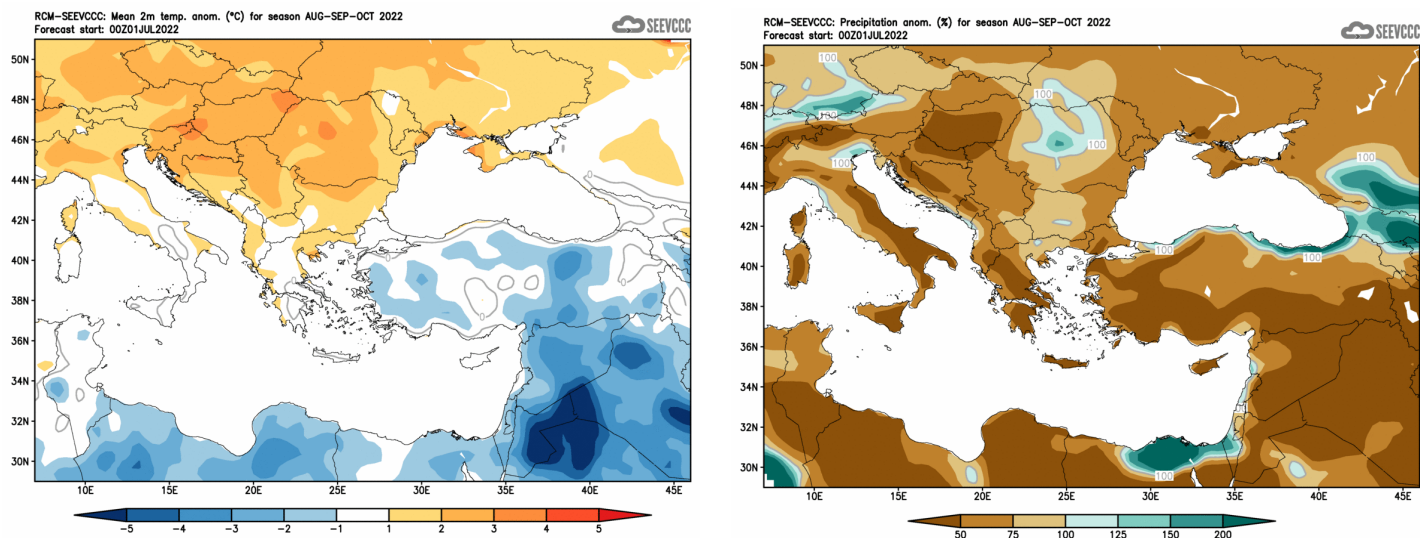


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

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/>)