

Topic: **temperature**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Region of concern: **the Balkans, Eastern Mediterranean, Israel and South Caucasus**

„Within the first week (6 to 19 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature, with anomaly up to +3°C, for the week:

- First, along the coasts of the Adriatic, Ionian, Aegean and eastern Mediterranean Sea, as well as Israel, Armenia and Azerbaijan, with up to 90% probability for exceeding upper tercile**
- Second, along the coasts of the Adriatic and Ionian Sea, as well as northwestern Balkans, with up to 80% probability for exceeding upper tercile.“**

Monitoring

During the period from 29 May to 4 June 2022, weekly precipitation sums were around 50 mm in the northwestern Balkans, central Romania and western Ukraine, while in the central Balkans, eastern Ukraine and southwestern Turkey they were up to 50 mm. In rest of the region, they were below 25 mm.

Outlook

Within the first week (6 to 12 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature along the coasts of the Adriatic, Ionian, Aegean and eastern Mediterranean Sea, as well as Israel, Armenia and Azerbaijan, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is expected in western and central Balkans, Georgia and southcentral Turkey, with up to 80% probability for exceeding upper tercile.

During the second week (13 to 19 June 2022), above average temperature is expected along the coasts of the Adriatic and Ionian Sea, as well as northwestern Balkans, with anomaly up to +3°C and up to 80% probability for exceeding upper tercile. Precipitation deficit is expected in western and northern Balkans, with around 60% probability for exceeding lower tercile.

During the following three months (June, July and August), 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 13-6-2022

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

ANNEX

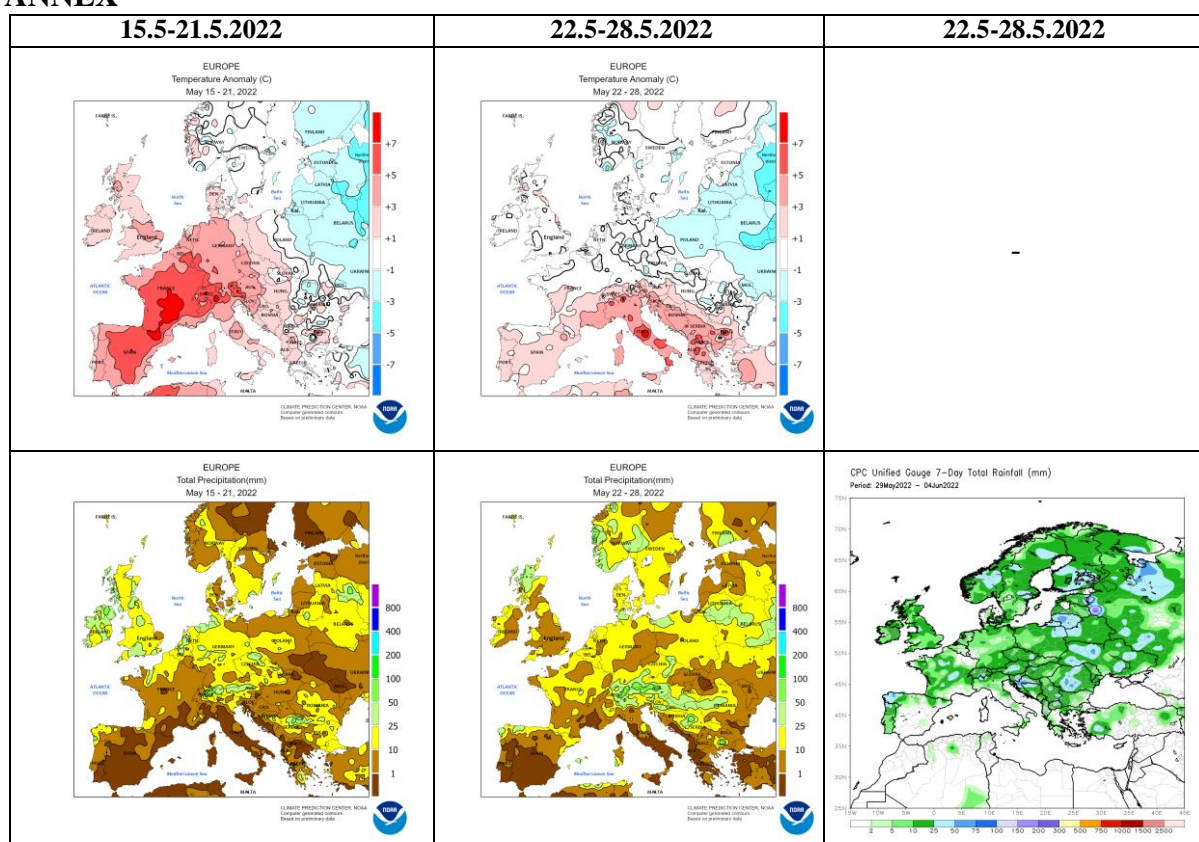


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

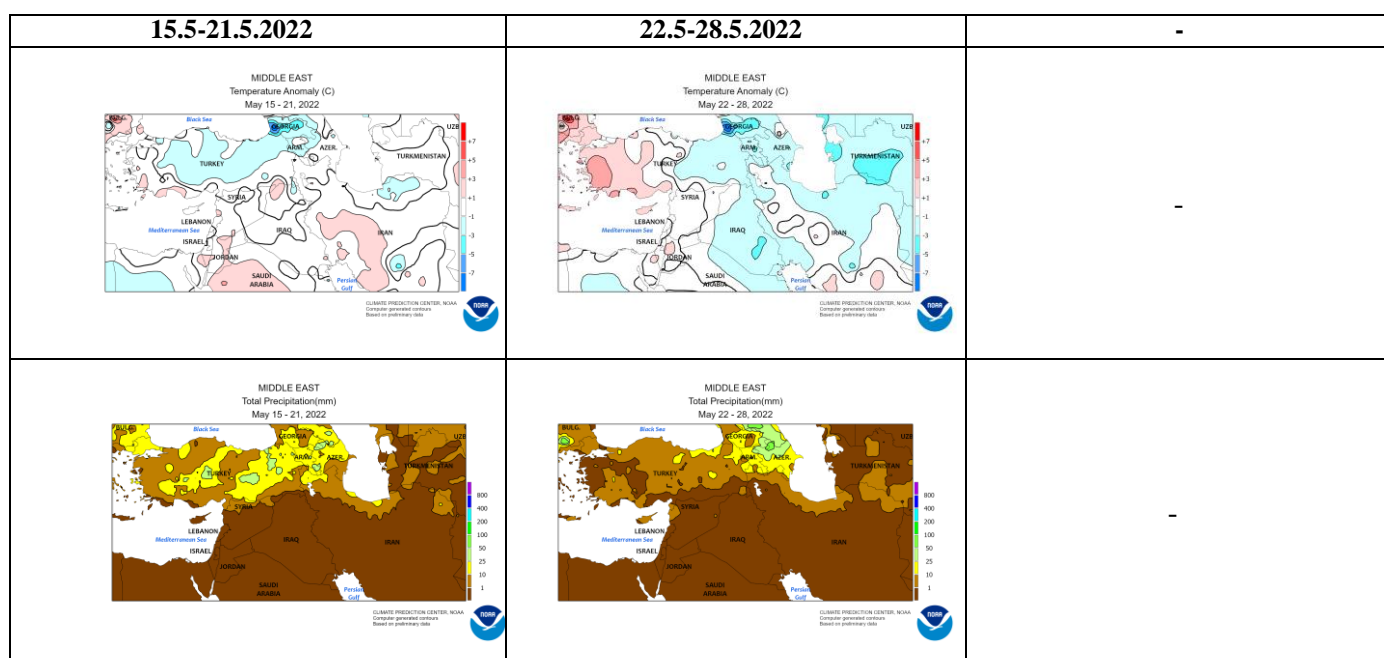


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

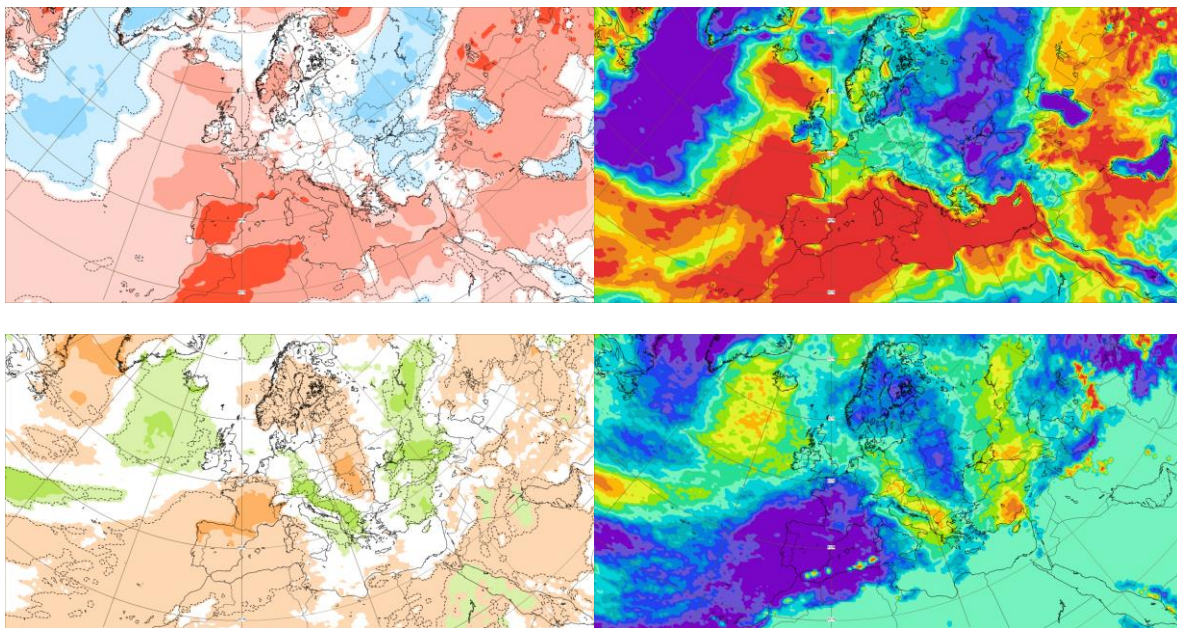


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 6.6–12.6.2022 period

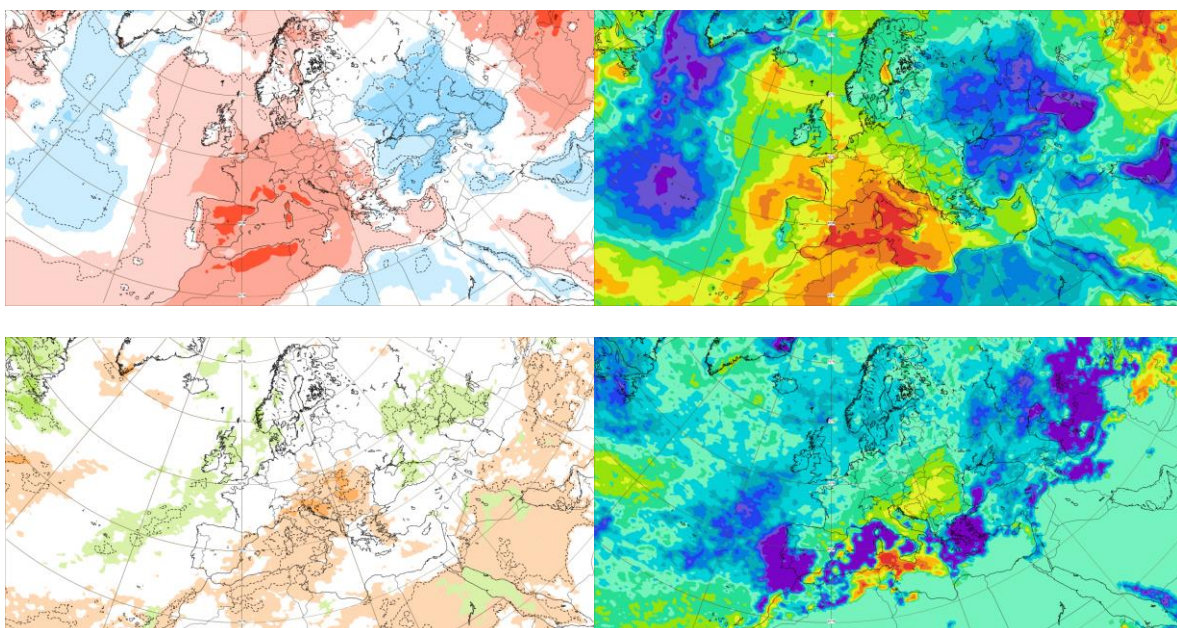


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 13.6–19.6.2022 period

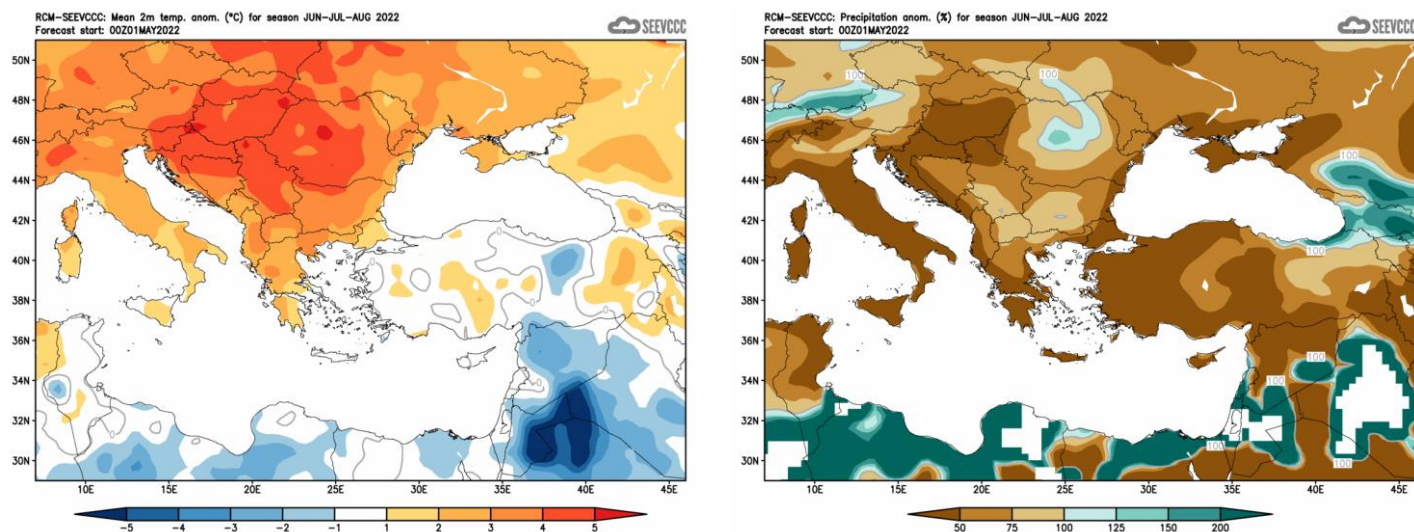


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook from RCM – SEEVCCC)

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/>)