

Topic: **temperature, precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Valid from – to: 28-3-2022 – 30-6-2022 Next amendment: 4-4-2022

Region of concern: **the Balkans, Turkey, South Caucasus**

„ Within the first week (28 March to 3 April 2022), ECMWF monthly forecast predicts above normal mean weekly temperature in most of the region with anomaly from +3°C up to +6°C and up to 80% probability for exceeding upper tercile. Precipitation surplus is expected in the northern and western parts of the Balkans with anomaly up to 80%, while deficit is expected in Turkey and South Caucasus, with up to 90% probability for exceeding lower tercile. “

Monitoring

During the period from 20 to 26 March 2022, weekly precipitation sums were up to 75 mm in eastern Turkey, while in rest of the SEE region precipitation totals were below 25 mm.

Outlook

Within the first week (28 March to 3 April 2022), ECMWF monthly forecast predicts above normal mean weekly temperature in most of the region with anomaly from +3°C up to +6°C and up to 80% probability for exceeding upper tercile. Precipitation surplus is expected in the northern and western parts of the Balkans with anomaly up to 80%, while deficit is expected in Turkey and South Caucasus, with up to 90% probability for exceeding lower tercile.

During the second week (4 to 10 April 2022), above average air temperature is expected in most of the Balkans and Turkey, with anomaly up to +3°C and up to 70% probability for exceeding upper tercile. Precipitation deficit is forecasted for the southern and eastern parts of the Balkans and most of Turkey, with up to 80% probability for exceeding lower tercile, while in rest of the SEE region average precipitation sums are predicted.

During the following three months (April, May and June), seasonal forecast predicts above normal seasonal air temperature in most of the region. Precipitation surplus is expected in the Carpathian Mountains. Precipitation deficit is predicted for the southern Balkans and Turkey.

Update

An updated statement will be issued on 4-4-2022

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

ANNEX

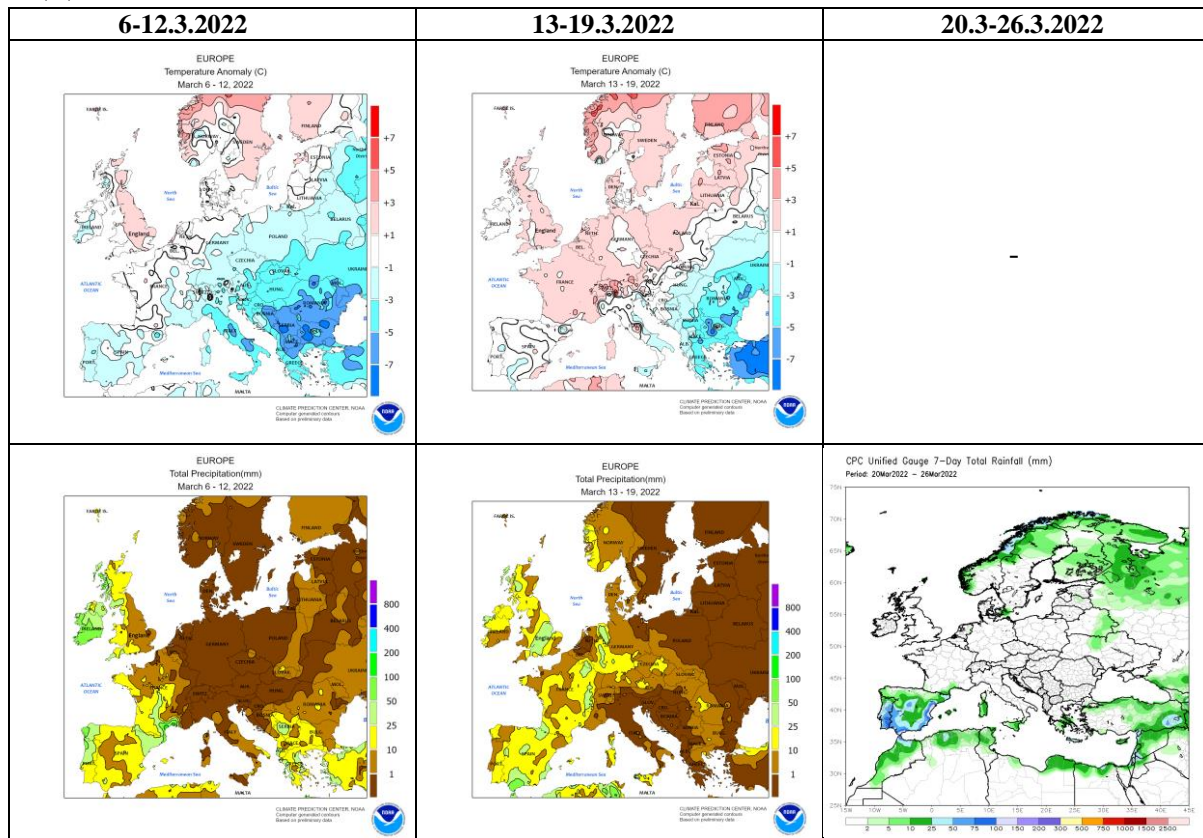


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

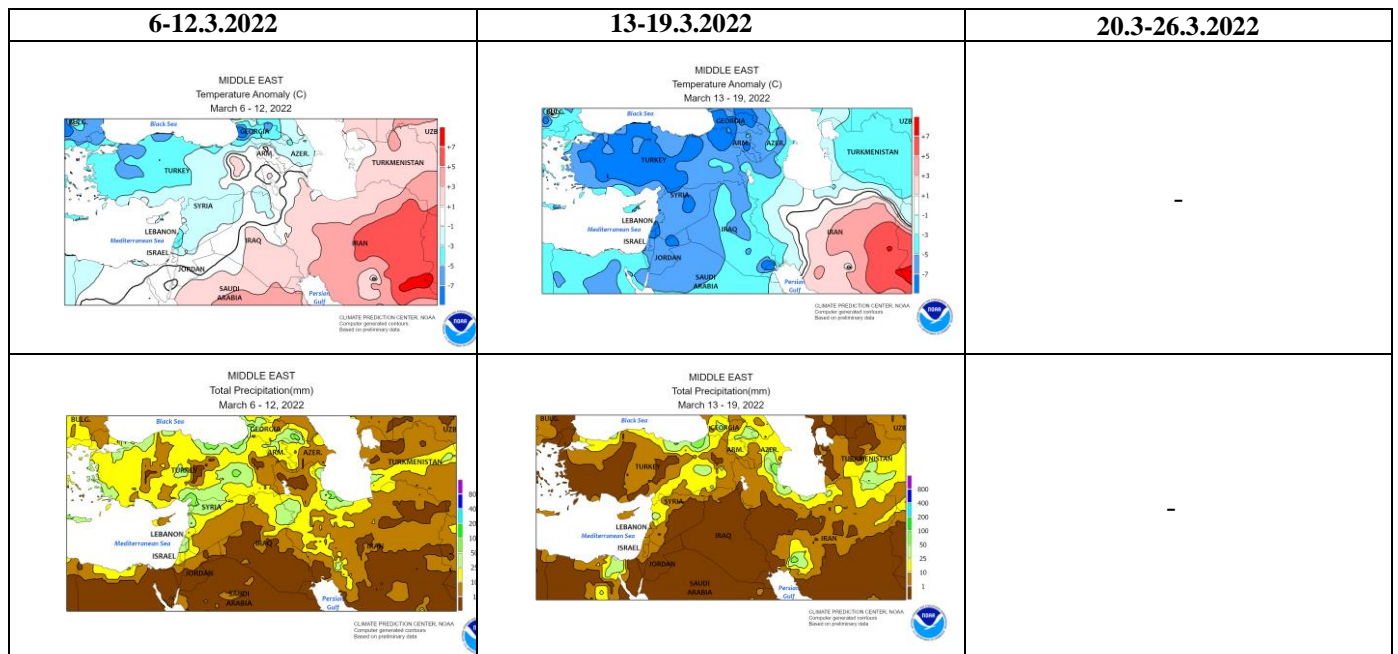


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

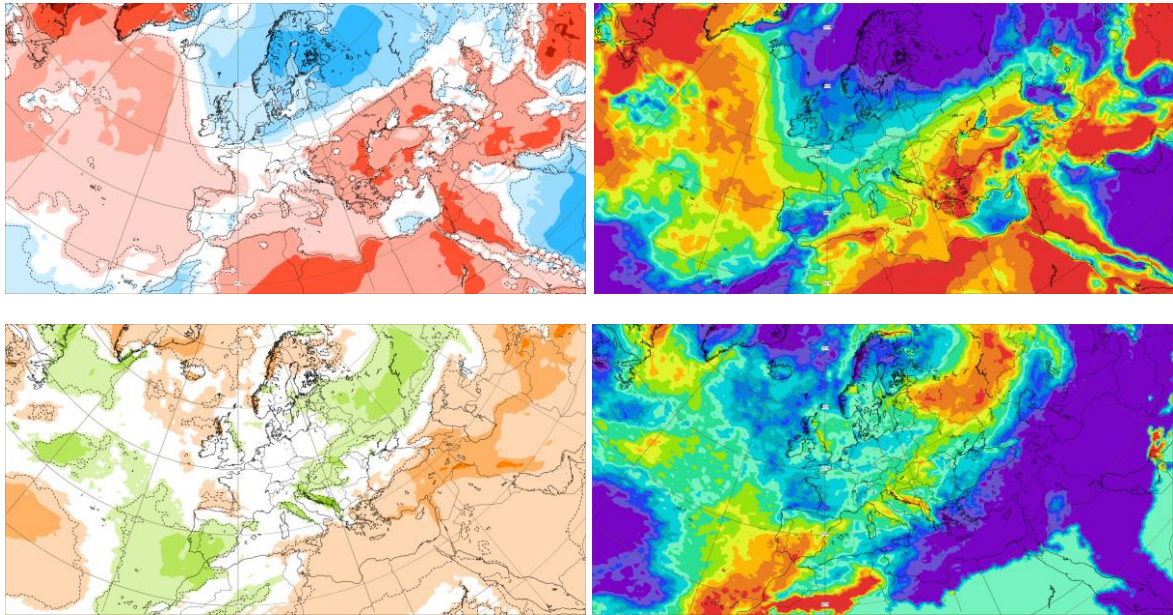


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 28.3–3.4.2022 period

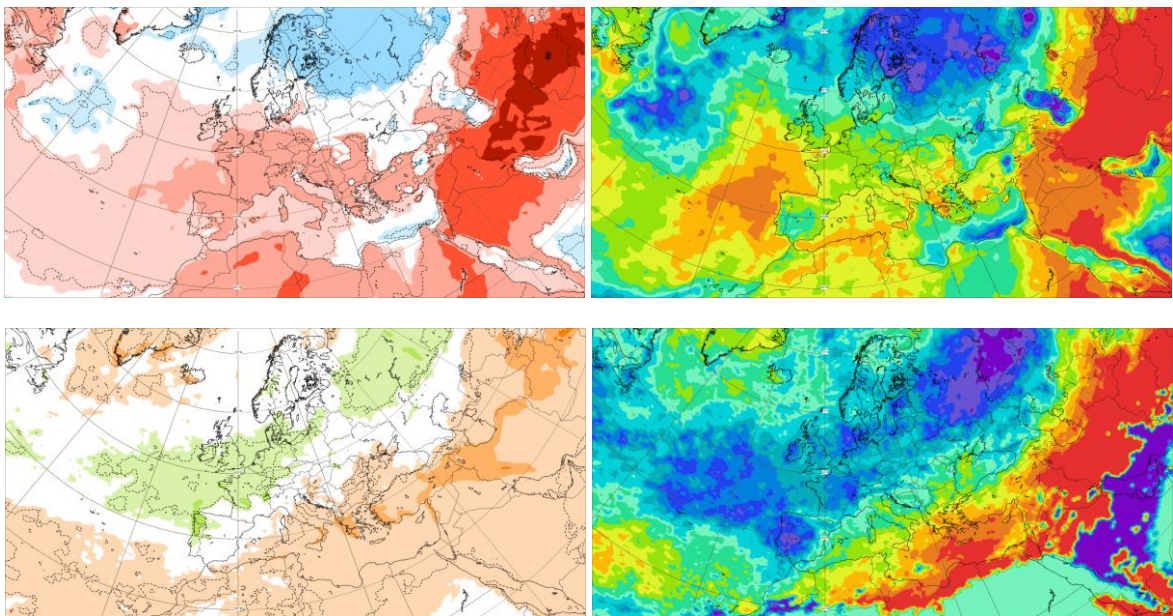


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 4.4–10.4.2022 period

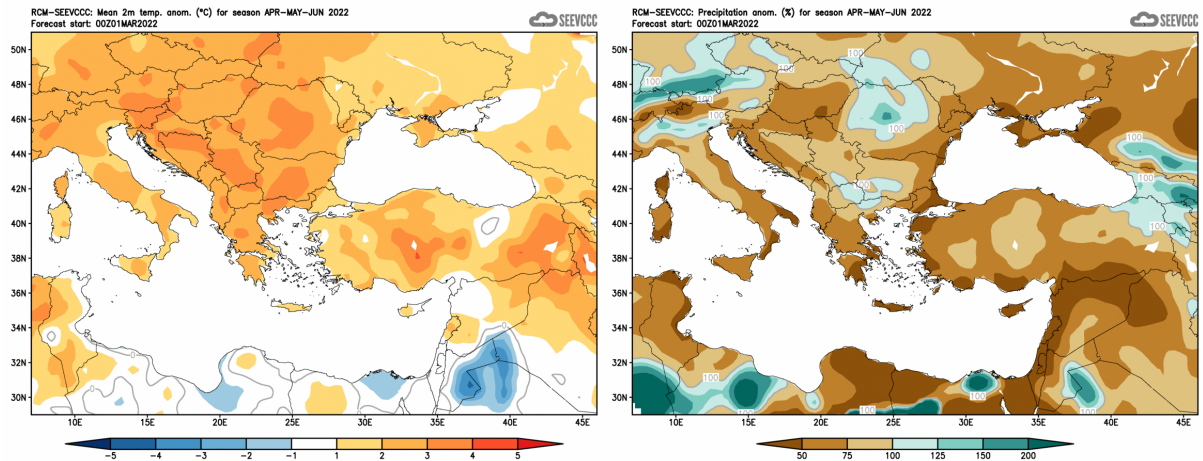


Figure 6. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook from RCM – SEEVCCC)

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/>)