

Topic: **temperature, precipitation**

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 18-4-2022 16:00 P.M.  
Cancelled

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Valid from – to: 18-4-2022 – 30-6-2022 Next amendment: 25-4-2022

Region of concern: **Balkans, Turkey**

**„Within the first week (18 to 24 April 2022), ECMWF monthly forecast predicts below normal mean weekly temperature in the Balkans and western Turkey, with anomaly up to –3°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected along the northern Adriatic, southern Greece and northern Ukraine, with around 80% probability for exceeding upper tercile. “**

## **Monitoring**

During the period from 10 to 17 April 2022, weekly precipitation sums were below 25 mm in most of the region.

## **Outlook**

Within the first week (18 to 24 April 2022), ECMWF monthly forecast predicts below normal mean weekly temperature in the Balkans and western Turkey, with anomaly up to  $-3^{\circ}\text{C}$  and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected along the northern Adriatic, southern Greece and northern Ukraine, with around 80% probability for exceeding upper tercile.

During the second week (25 April to 1 May 2022), average air temperature is expected in most of the region. In most of the region average precipitation sums are expected. In most of the Balkans average precipitation sums are expected. Precipitation deficit is expected along the Adriatic and western Turkey with up to 70% probability for lower tercile.

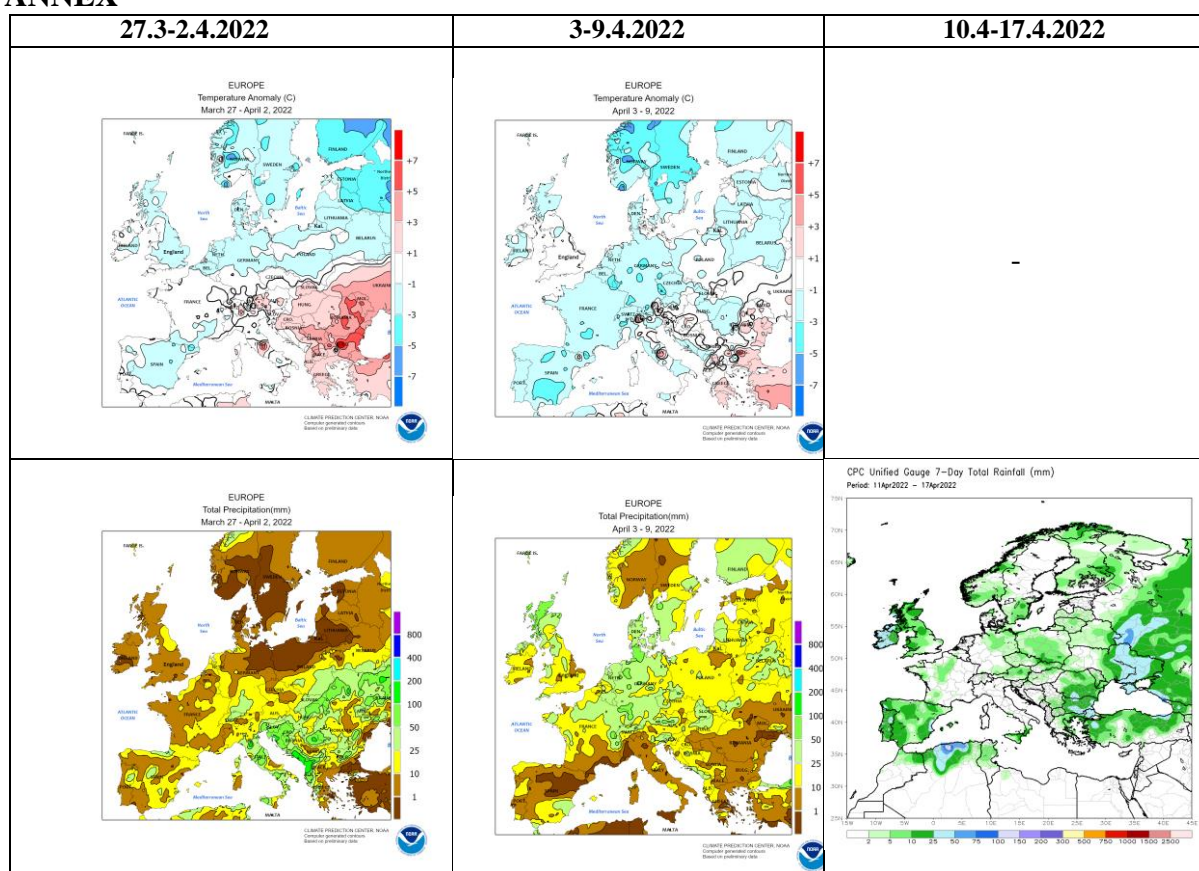
During the following three months (April, May and June), seasonal forecast predicts above normal seasonal air temperature in most of the region. Precipitation surplus is expected in the Carpathian Mountains. Precipitation deficit is predicted for the southern Balkans and Turkey.

## **Update**

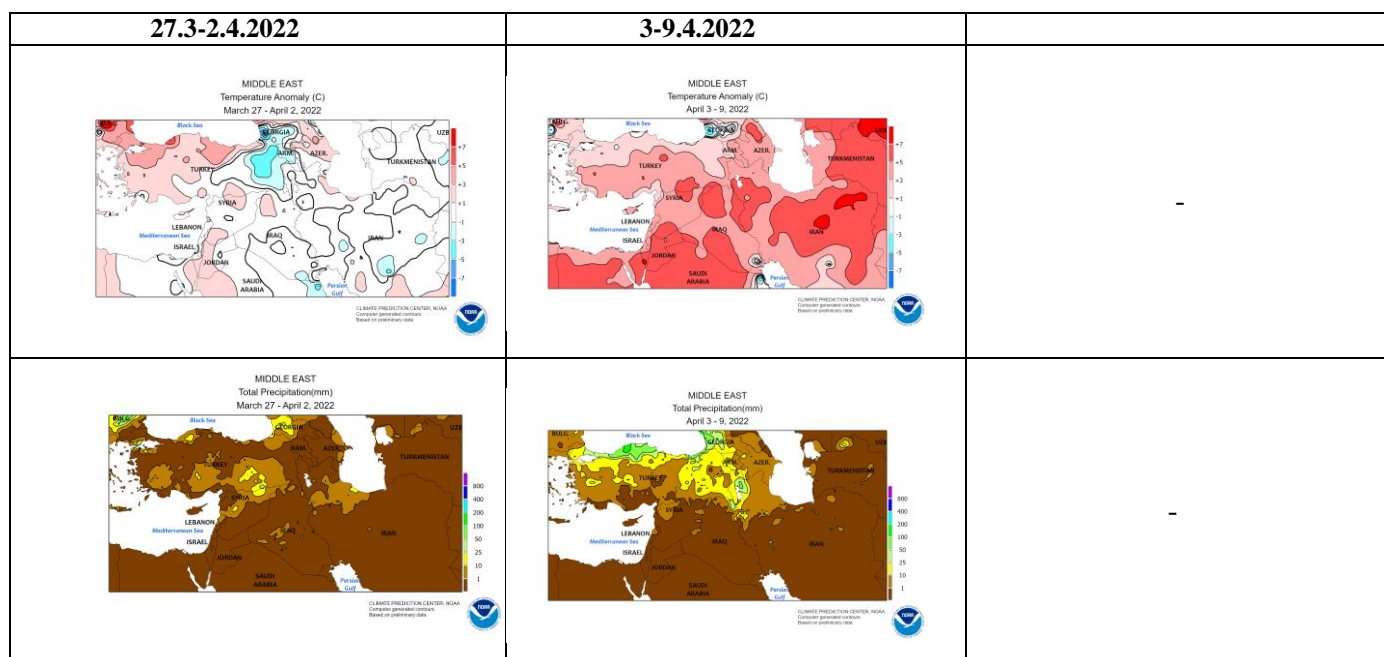
An updated statement will be issued on 18-4-2022

For further information, please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

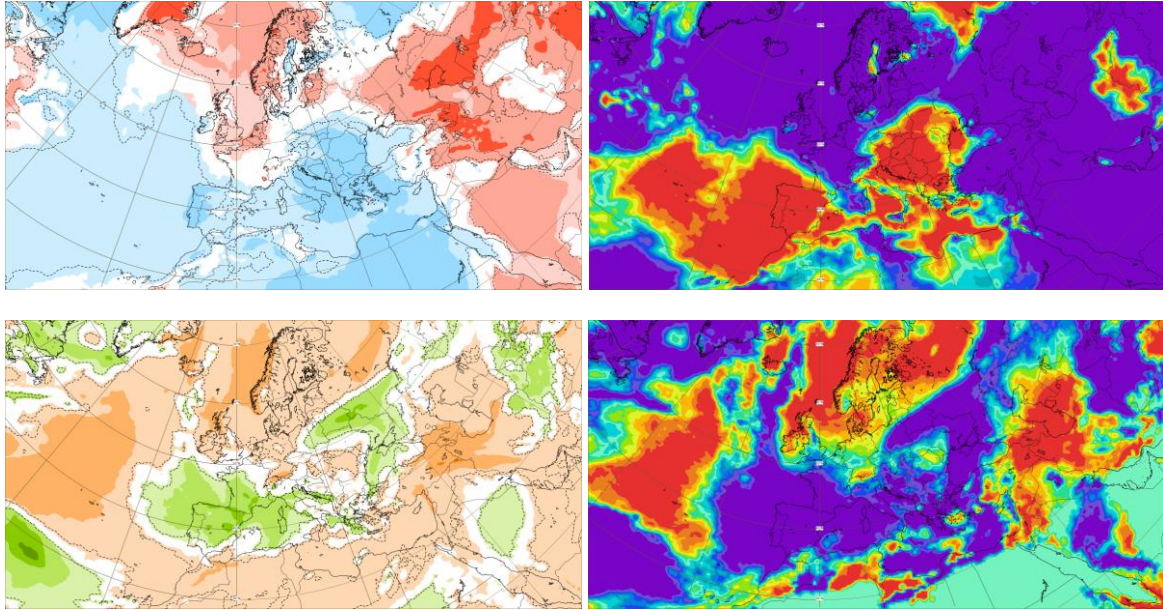
## ANNEX



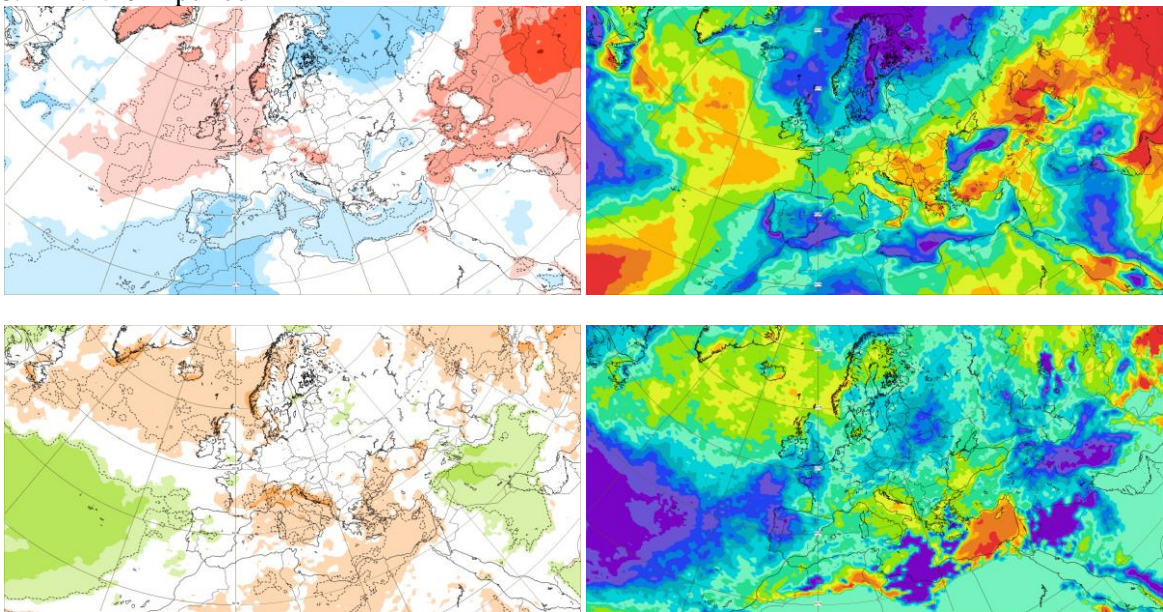
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



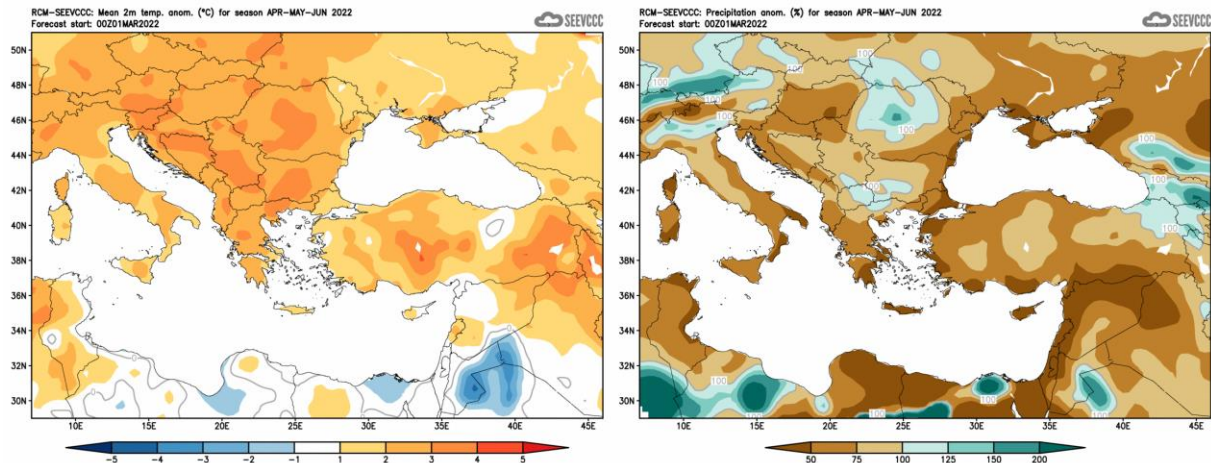
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)



**Figure 3.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 18.4–24.4.2022 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 25.4–1.5.2022 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](http://www.hidmet.gov.rs))
- South East European Virtual Climate Change Center ([www.seevccc.rs](http://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/>)