

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

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 28-2-2022 16:00 P.M.  
Cancelled

Contact: E-mail: [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)  
Phone: +381112066925  
Fax: +381112066929

Valid from – to: 28-2-2022 – 31-5-2022 Next amendment: 7-3-2022

Region of concern: **SEE region**

**„Within the following week (28 February to 6 March 2022) below normal mean weekly temperature is expected in rest of the region, with anomaly up to –6°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected along Aegean Sea, Eastern Mediterranean ,most of Turkey and parts of south Balkans, with up to 90% probability for exceeding upper tercile in southern Turkey. Precipitation deficit is predicted in rest of the SEE region, with up to 70% probability for exceeding lower tercile.“**

## **Monitoring**

During the period from 20 to 26 February 2022, weekly precipitation sums were below 25 mm in most parts of the SEE region. Precipitation totals up to 75 mm were recorded in some parts of the far north and south of Turkey.

## **Outlook**

Within the first week (28 February to 6 March 2022), ECMWF monthly forecast predicts above normal mean weekly temperature in eastern Ukraine and South Caucasus, with anomaly up to +3°C and up to 80% probability for exceeding upper tercile. Below normal mean weekly temperature is expected in rest of the region, with anomaly up to -6°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected along Aegean Sea, Eastern Mediterranean and most of Turkey and parts of south Balkans, with up to 90% probability for exceeding upper tercile in southern Turkey. Precipitation deficit is predicted in rest of SEE region, with up to 70% probability for exceeding lower tercile.

During the second week (7 to 14 March 2022), below average air temperature is expected in most of the region, with anomaly up to -3°C and up to 70% probability for exceeding lower tercile in central Turkey and south Balkans. Precipitation surplus is expected in eastern Turkey and South Caucasus, with up to 70% probability for exceeding upper tercile. Precipitation deficit is forecasted for the northwestern and eastern Balkans, Moldova and eastern Ukraine, with up to 70% probability for exceeding lower tercile.

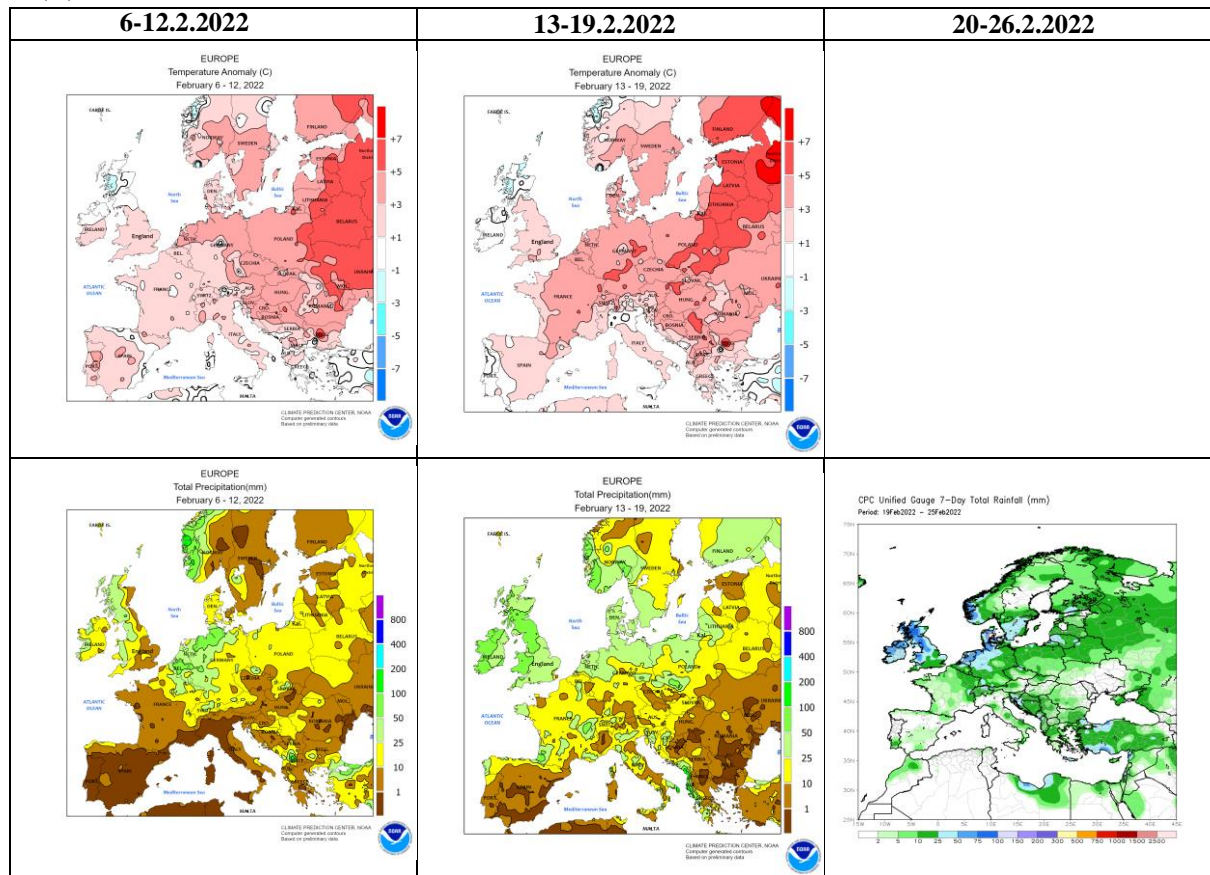
During the following three months (March, April and May), seasonal forecast predicts above normal seasonal air temperature in northwestern Ukraine, some parts of the Balkans, eastern and central Turkey. Precipitation surplus is expected in the Carpathian Mountains, northeastern Turkey and South Caucasus. Precipitation deficit is predicted for the Pannonian plain, along the Dinaric Alps, western and northern Black Sea coast, southern Balkans, Cyprus, western and southern Turkey, as well as Middle East.

## **Update**

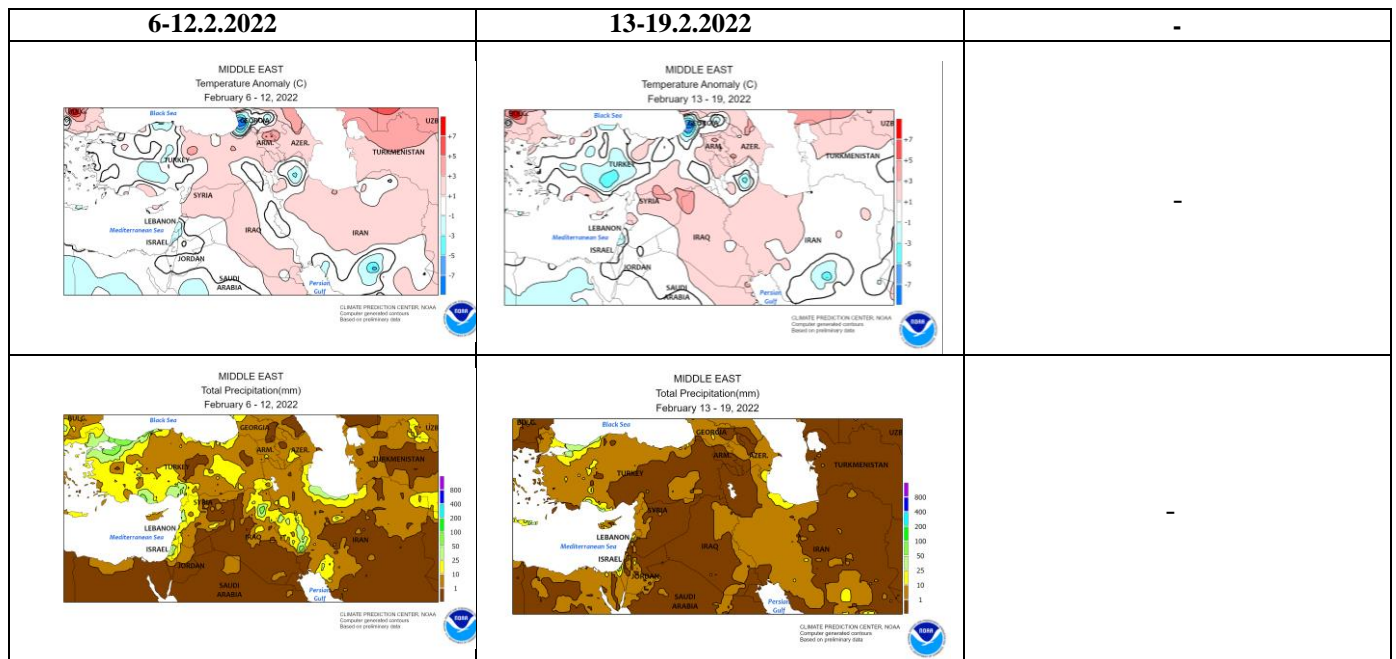
An updated statement will be issued on 7-3-2022

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

## ANNEX

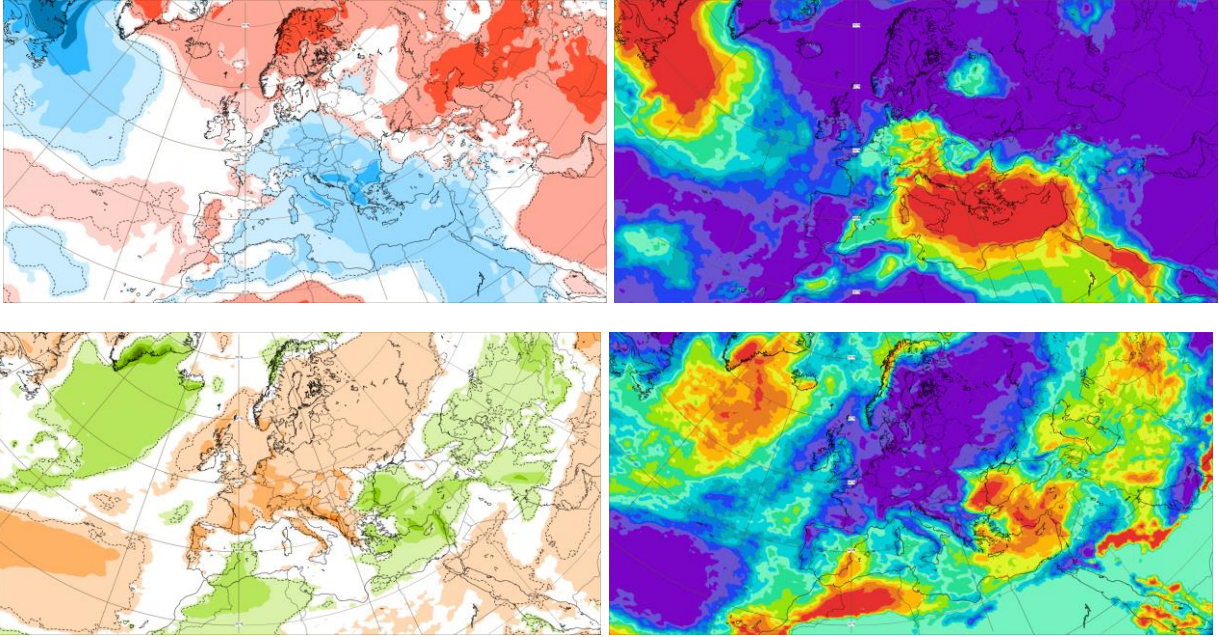


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

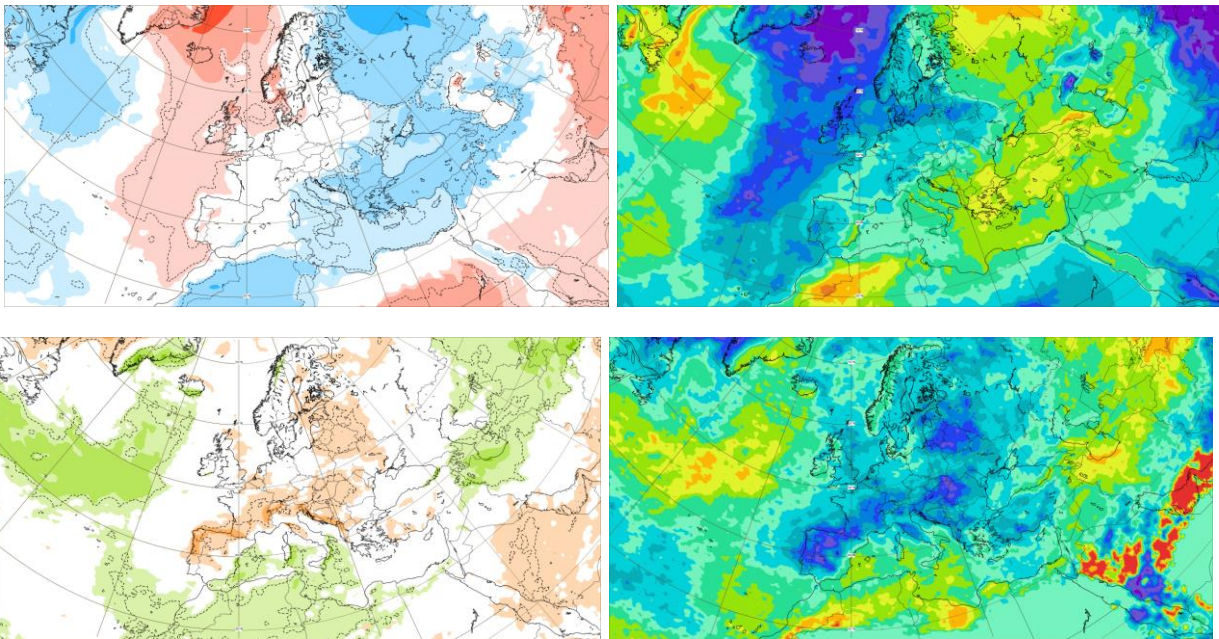


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

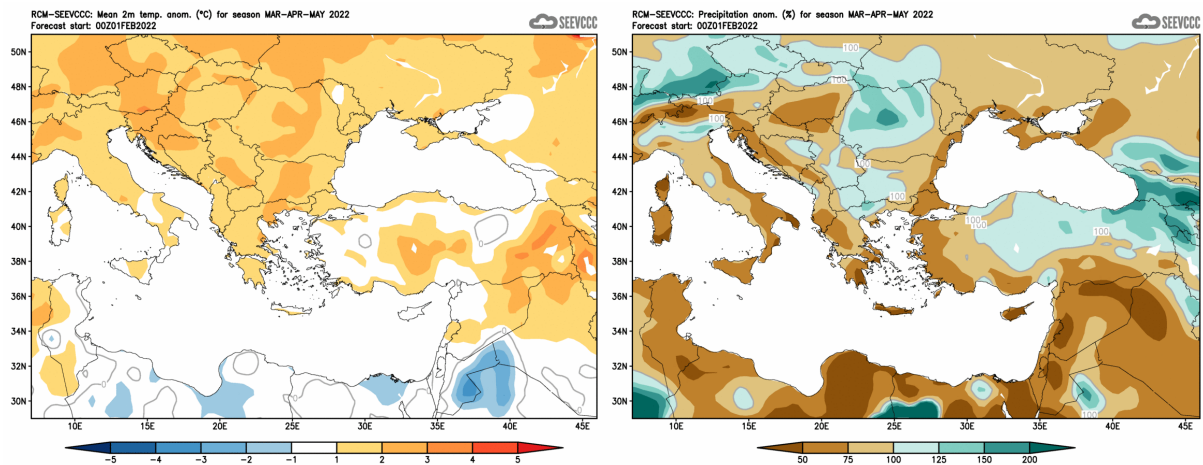




**Figure 3.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 28.2-6.3.2022 period



**Figure 4.** 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 7.3-14.3.2022 period



**Figure 6.** Mean seasonal temperature and precipitation anomaly for the season MAM (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/>)