

## Climate Watch (Serial No.: 20220808–31)

Initial/Updated/Final

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

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 1-8-2022 16:00 P.M.

Cancelled

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Valid from – to: 8-8-2022 – 31-10-2022

Next amendment: 15-8-2022

Region of concern: **SEE**

**„ Within the first week (8 to 14 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the eastern Balkans with anomaly up to +3°C. Probability for exceeding upper tercile is up to 80%. Below average mean weekly air temperature is expected in the western Turkey, with anomaly up to -3°C. Probability for exceeding lower tercile is around 80%. Precipitation surplus is forecasted for the western Balkans and western Turkey, with probability for exceeding upper tercile up to 80%.“**

### Monitoring

During the period from 31 July to 6 August 2022, weekly precipitation sums reached up to 75 mm in central Romania. In rest of the eastern Balkans, precipitation sums were below 25 mm.

## **Outlook**

Within the first week (8 to 14 August 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in the eastern Balkans with anomaly up to +3°C. Probability for exceeding upper tercile is up to 80%. Below average mean weekly air temperature is expected in the western Turkey, with anomaly up to -3°C. Probability for exceeding lower tercile is around 80%. Precipitation surplus is forecasted for the western Balkans and western Turkey, with probability for exceeding upper tercile up to 80%.

During the second week (15 to 21 August 2022), above average temperature, with anomaly up to +3°C, is expected in the eastern parts of Balkans. Probability for exceeding upper tercile is around 80%. In remainder of the SEE region average temperature is expected. In most of the SEE region, average amounts of precipitation are forecast.

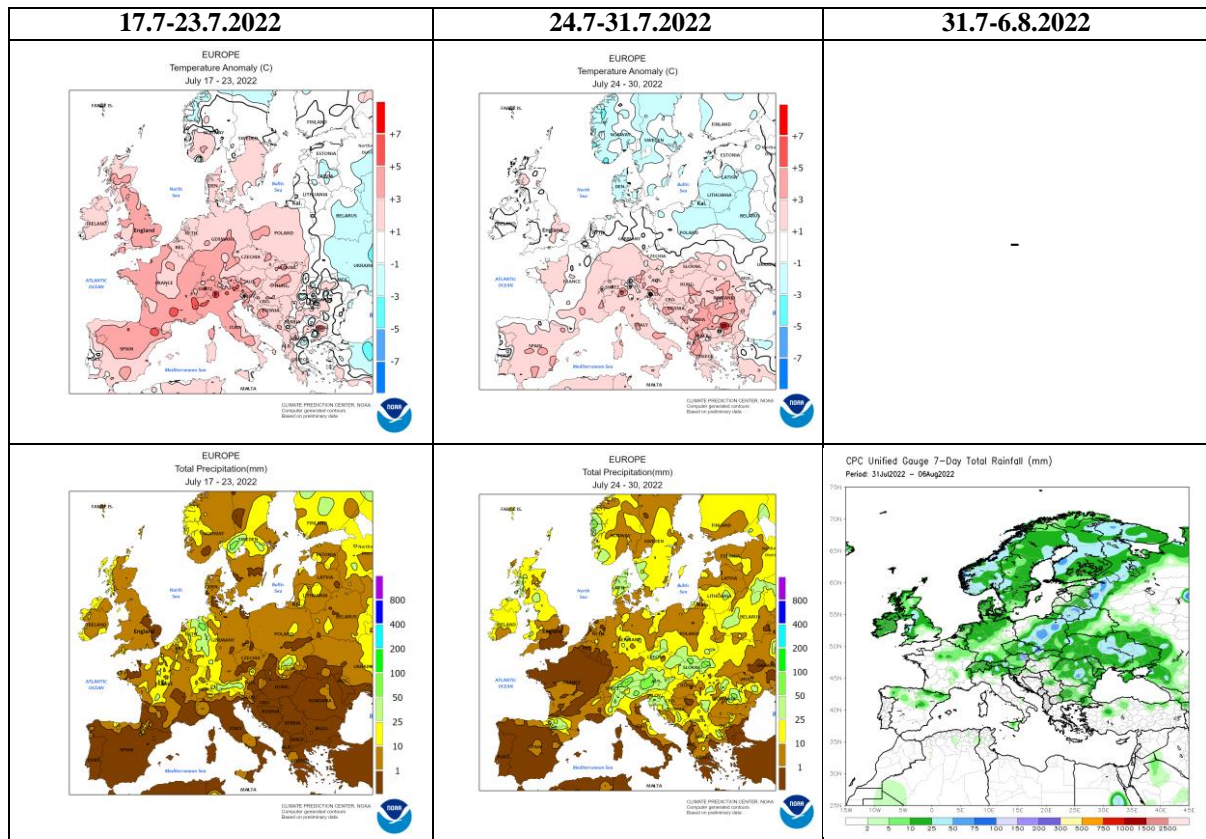
During the following three months (August, September and October), seasonal forecast predicts above normal seasonal air temperature in the northern and eastern Balkans. Below normal seasonal air temperature is expected in part of central and southeastern Turkey. Precipitation surplus is expected in the Carpathians and the South Caucasus region. Precipitation deficit is predicted for rest of the SEE region.

## **Update**

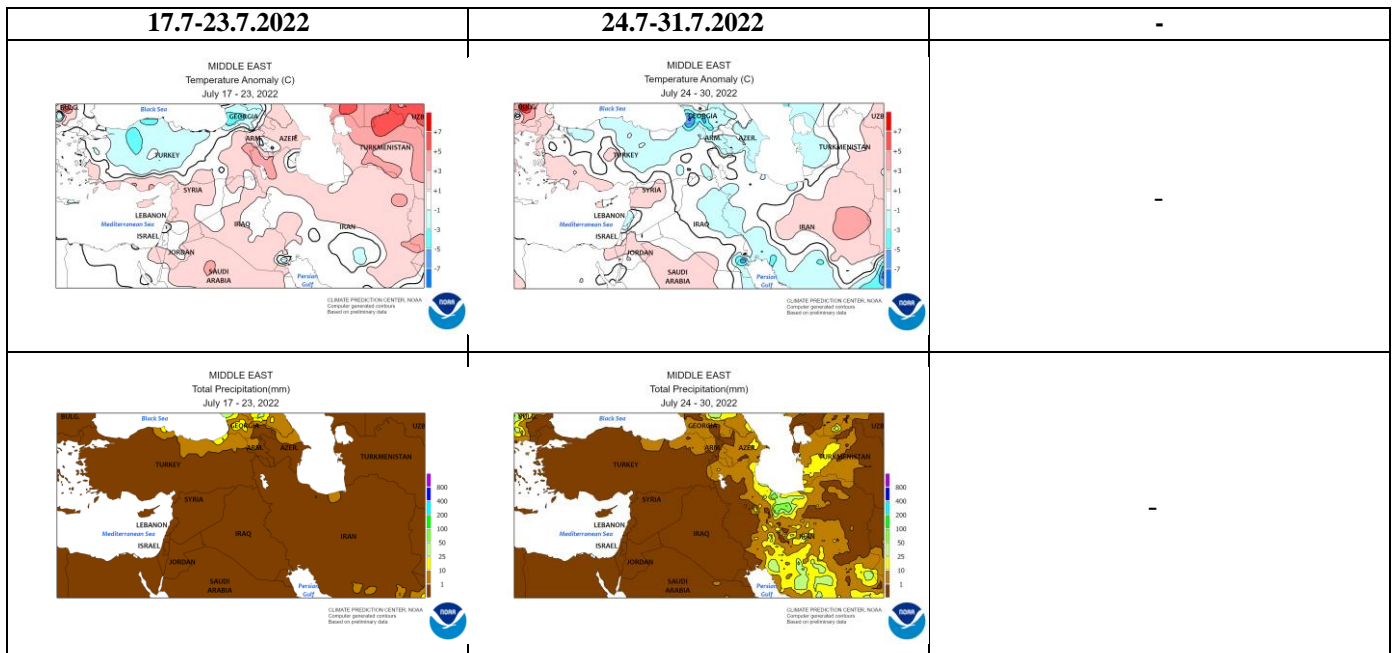
An updated statement will be issued on 15-8-2022

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

**ANNEX**

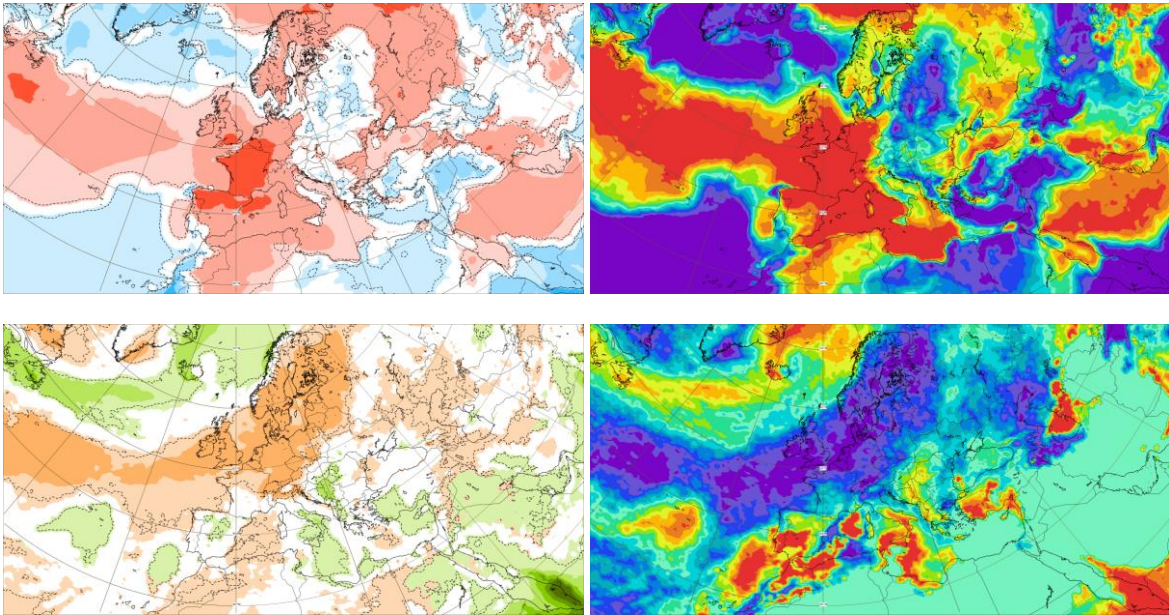


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

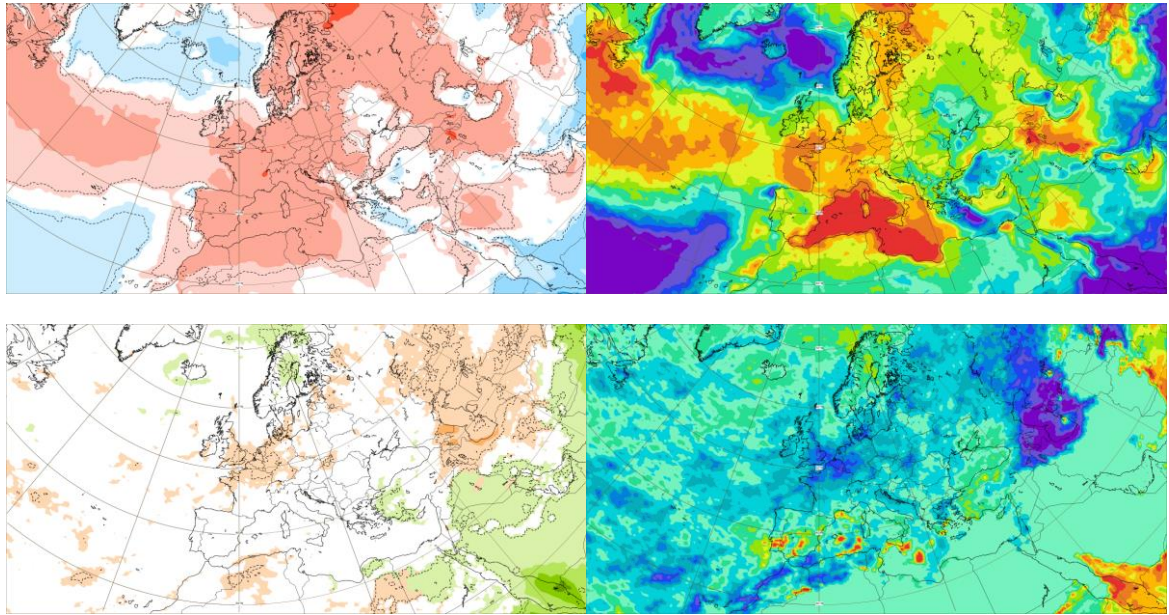


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

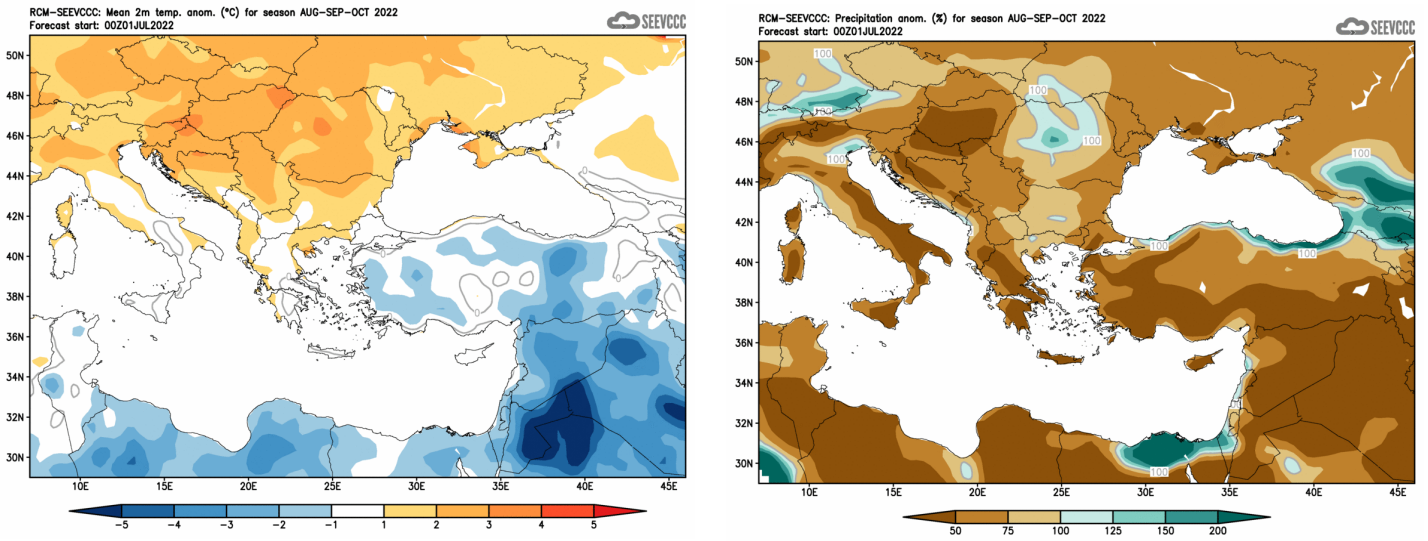




**Figure 3.** Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 8.8–14.8.2022 period



**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 15.8–21.8.2022 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](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/>)