

## Climate Watch (Serial No.: 20210816–33)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

Issued/ Amended / 16-8-2021 16:00 P.M.  
Cancelled

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Valid from – to: 16-8-2021 – 30-11-2021 Next amendment: 23-8-2021

Region of concern: **SEE**

**„In the period from 16 to 23 August 2021, above normal mean weekly air temperature is expected for most of the Balkans and western Turkey with anomaly up to +3°C. Probability for exceeding upper tercile is up to 90%. Below normal temperature is expected in central Turkey with anomaly up to -3°C. Probability for exceeding lower tercile is up to 80%. Precipitation surplus is predicted for northwesternmost of Balkans, Pannonia Plain and western Ukraine with around 70% probability for extending upper tercile. Precipitation deficit is expected for most of the central and southern Balkans, along Aegean Sea as well as western Turkey and South Caucasus and up to 90% probability for extending lower tercile.**

### Monitoring

During the period from 8 to 15 August 2021, in most of the region weekly precipitation sums were below 25 mm. In the northernmost Turkey, precipitation sums up to 150 mm were recorded.

## **Outlook**

Within the first week (16 to 23 August 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the Balkans and western Turkey with anomaly up to +3°C. Probability for exceeding upper tercile is up to 90%. Below normal temperature is expected in central Turkey with anomaly up to -3°C. Probability for exceeding lower tercile is up to 80%. Precipitation surplus is predicted for northwesternmost of Balkans, Pannonia Plain and western Ukraine with around 70% probability for extending upper tercile. Precipitation deficit is expected in most of the central and southern Balkans, along Aegean Sea as well as western Turkey and South Caucasus with up to 90% probability for extending lower tercile.

During the second week (23 to 30 August 2021), above average mean weekly air temperature is predicted for south and eastern Turkey, South Caucasus and Middle East with anomaly up to +3°C, and around 80% probability for exceeding upper tercile. Below normal temperature is expected in most of the Balkans, Moldova and Ukraine with anomaly up to -3°C and probability for exceeding lower tercile up to 70%. Average precipitation sums are expected for most of the region.

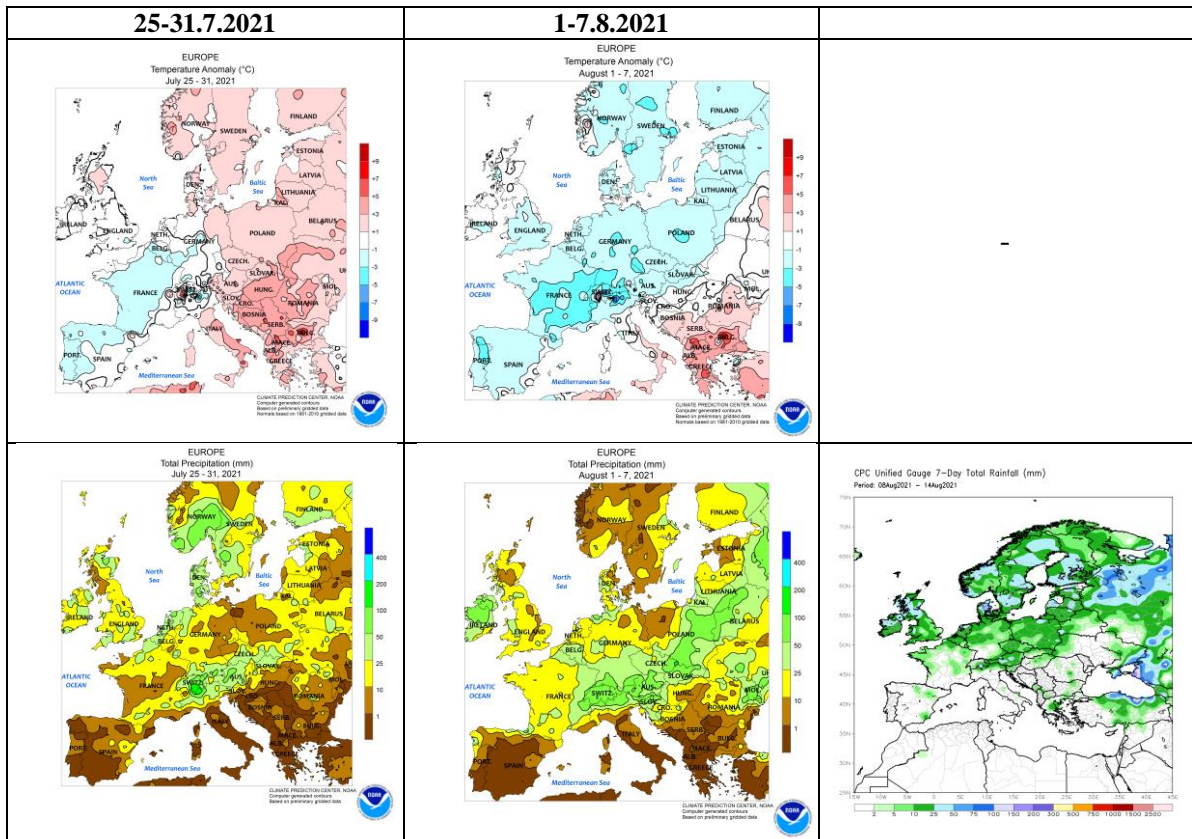
During the following three months (September, October and November) seasonal forecast predicts above normal seasonal air temperature for most of the Balkans, as well as Ukraine, while for most of Turkey, Middle East and South Caucasus below seasonal air temperature is expected. Precipitation surplus is expected in Carpathian Mountains, northernmost Turkey and South Caucasus region. Precipitation deficit is predicted for most of the Balkans, Pannonian Plain, Moldova, Ukraine, Cyprus and most of Turkey.

## **Update**

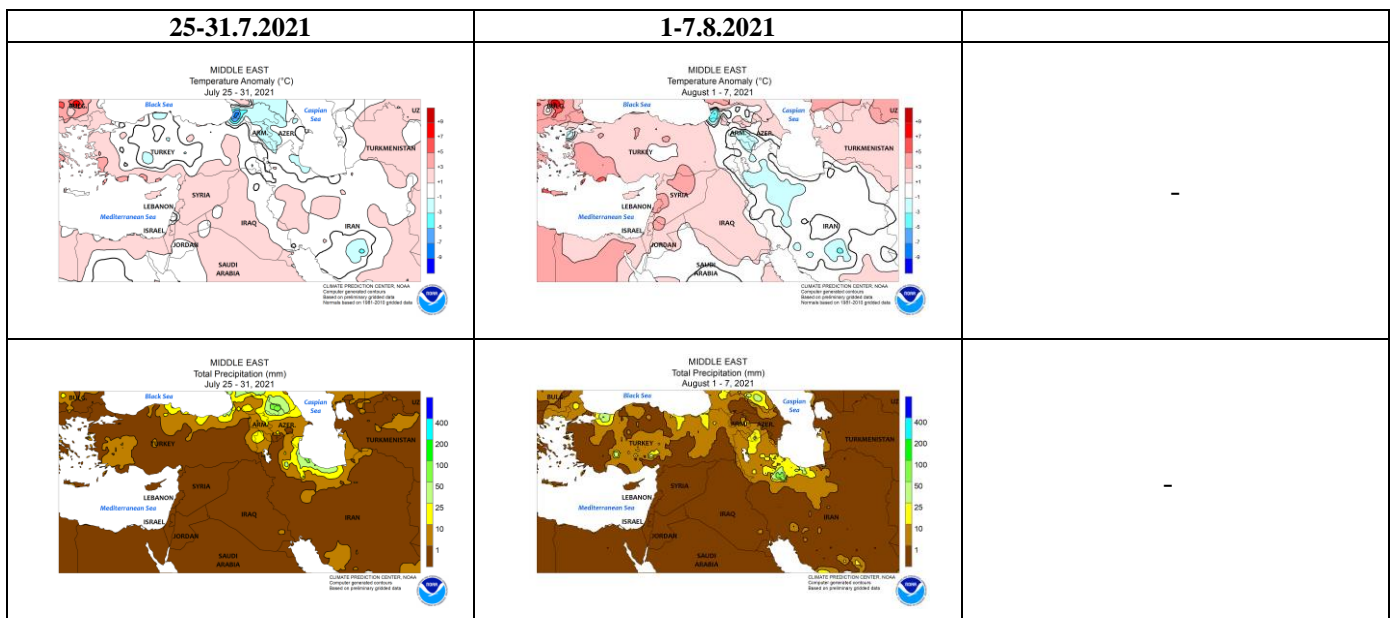
An updated statement will be issued on 23-8-2021

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

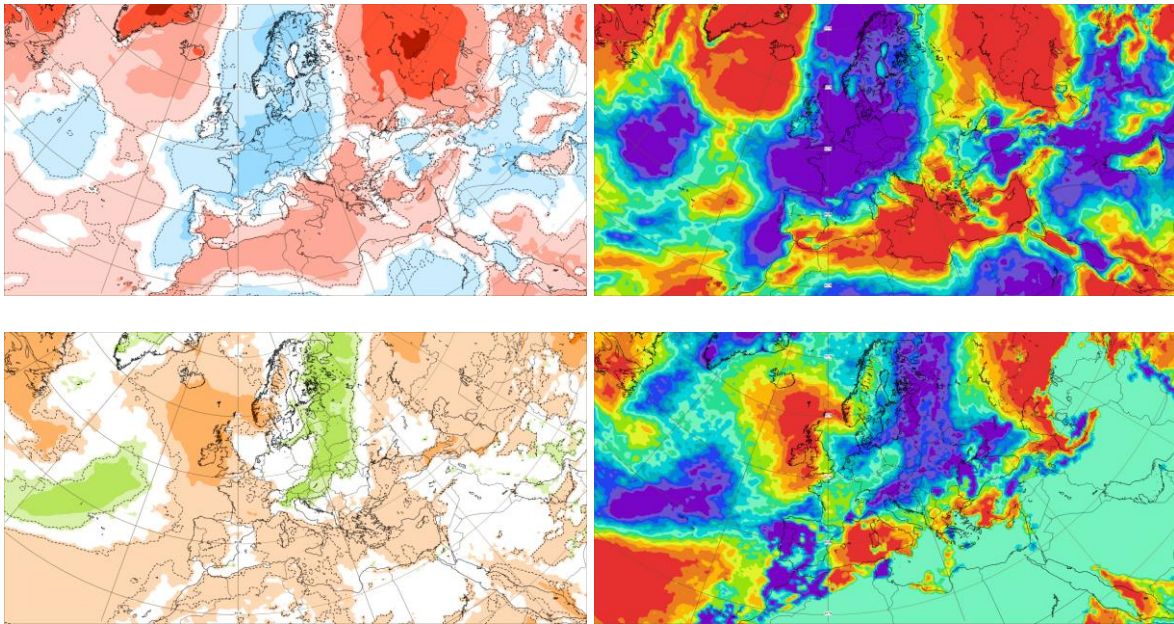
# ANNEX



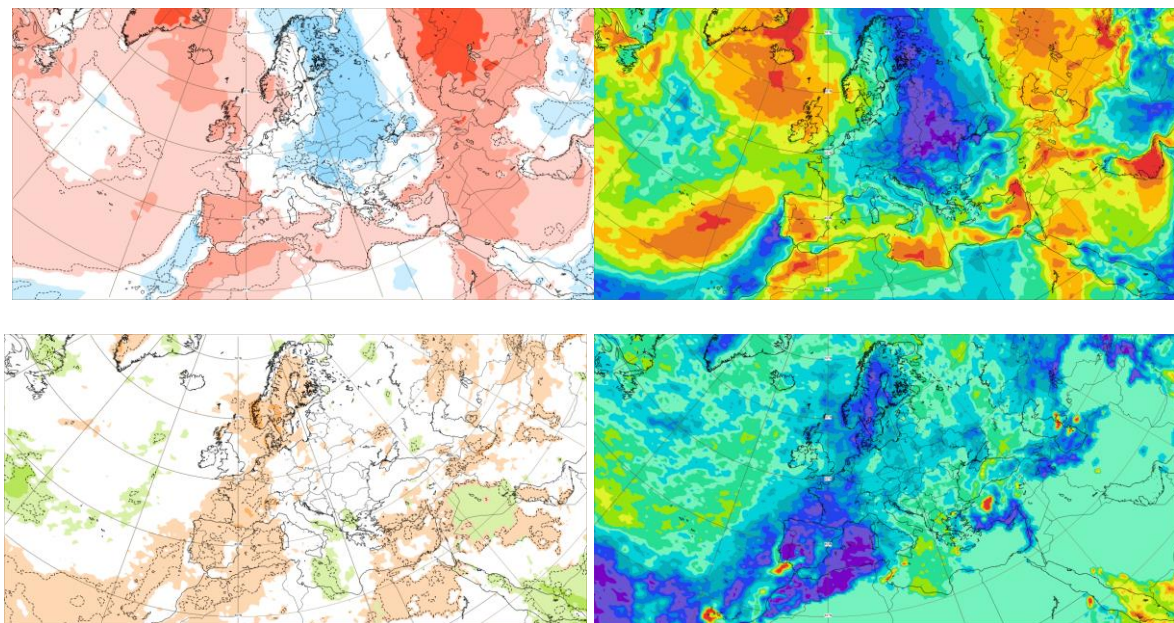
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



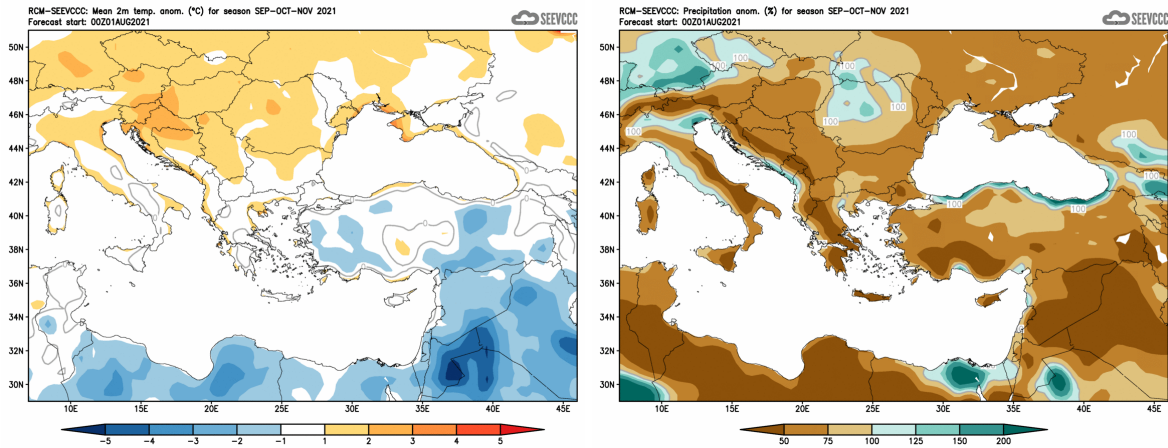
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 16.8–23.8.2021 period



**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 23.8–30.8.2021 period



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