

Climate Watch (Serial No.: 20210802–31)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

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Cancelled

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Valid from – to: 2-8-2021 – 31-10-2021 Next amendment: 9-8-2021

Region of concern: **SEE**

„In the period from 2 to 8 August 2021, above average mean weekly air temperature is predicted for most of the region with anomaly up to +5°C. Probability for exceeding upper tercile is up to 90%. Precipitation deficit is most of the region with up to 90% probability for exceeding lower tercile.”

Monitoring

During the period from 25 to 31 July 2021, in most of the region weekly precipitation sums were below 25 mm.

Outlook

Within the first week (2 to 8 August 2021), ECMWF monthly forecast predicts above average mean weekly air temperature for most of the region with anomaly up to +5°C. Probability for exceeding upper tercile is up to 90%. Precipitation deficit is most of the region with up to 90% probability for exceeding lower tercile.

During the second week (9 to 15 August 2021), above average mean weekly air temperature is predicted for most of the region, with anomaly up to +4°C, and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in the central and western Balkans and most of Turkey, with around 70% probability for exceeding lower tercile.

In the period from 2 to 29 August 2021, above average mean monthly air temperature is predicted for most of the region, with anomaly up to +4°C, and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in most of the region with around 60% probability for exceeding lower tercile.

During the following three months (August, September and October) seasonal forecast predicts above normal seasonal air temperature for northern parts of the SEE region, 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 9-8-2021

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

ANNEX

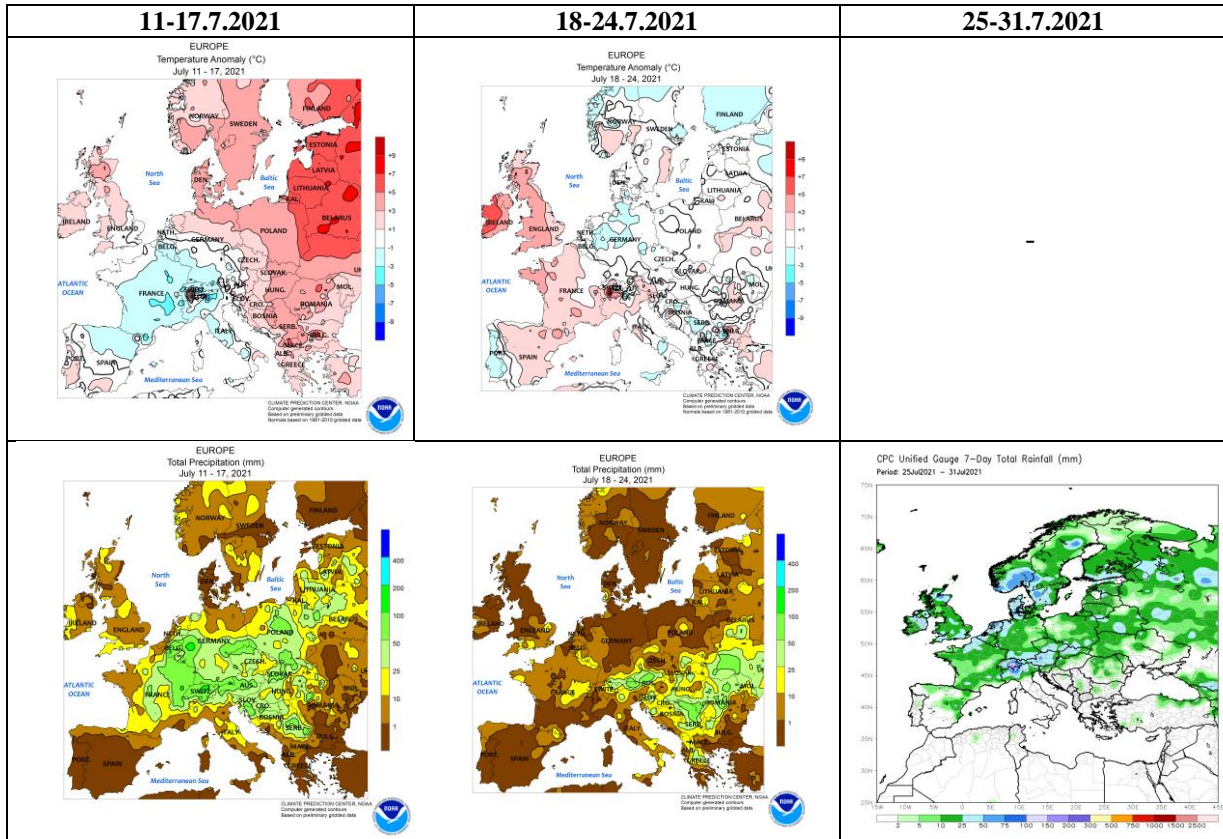


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

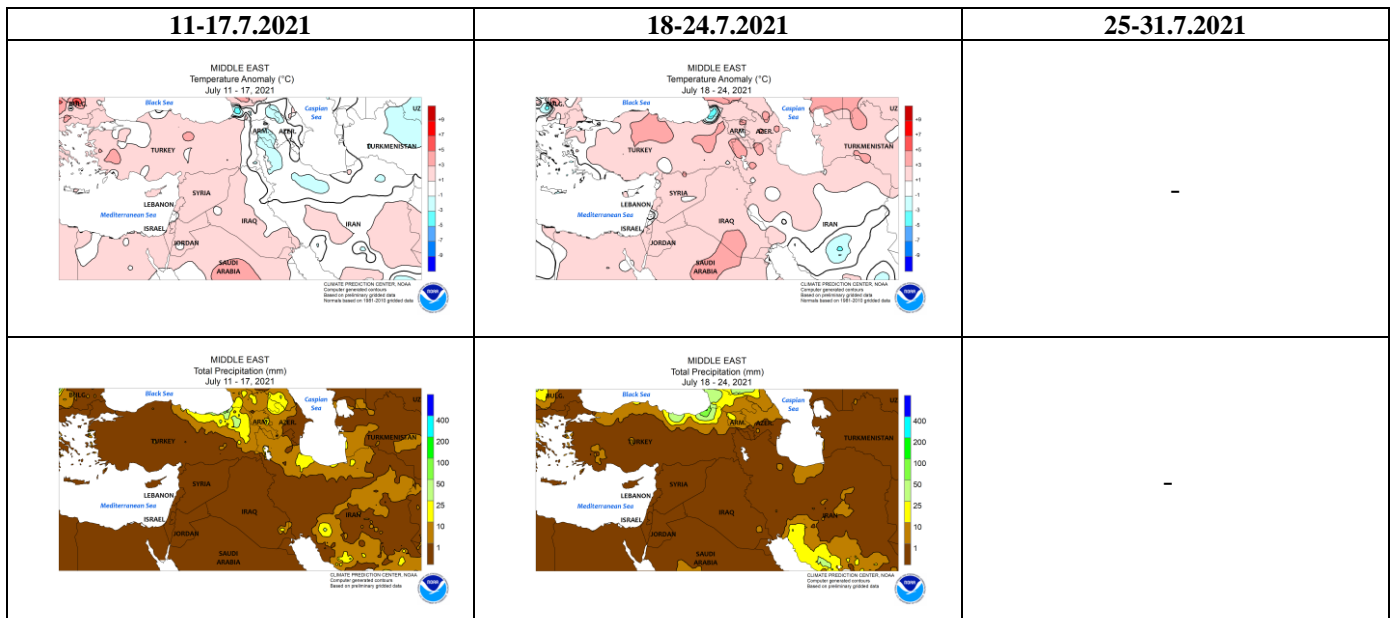


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

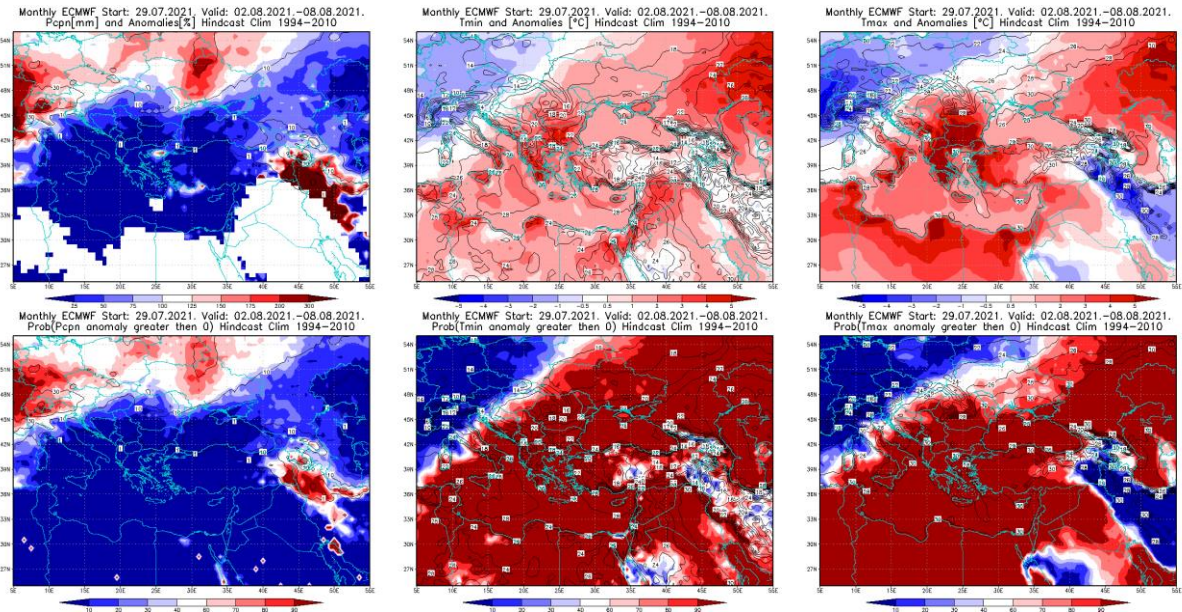


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2.8–8.8.2021 period

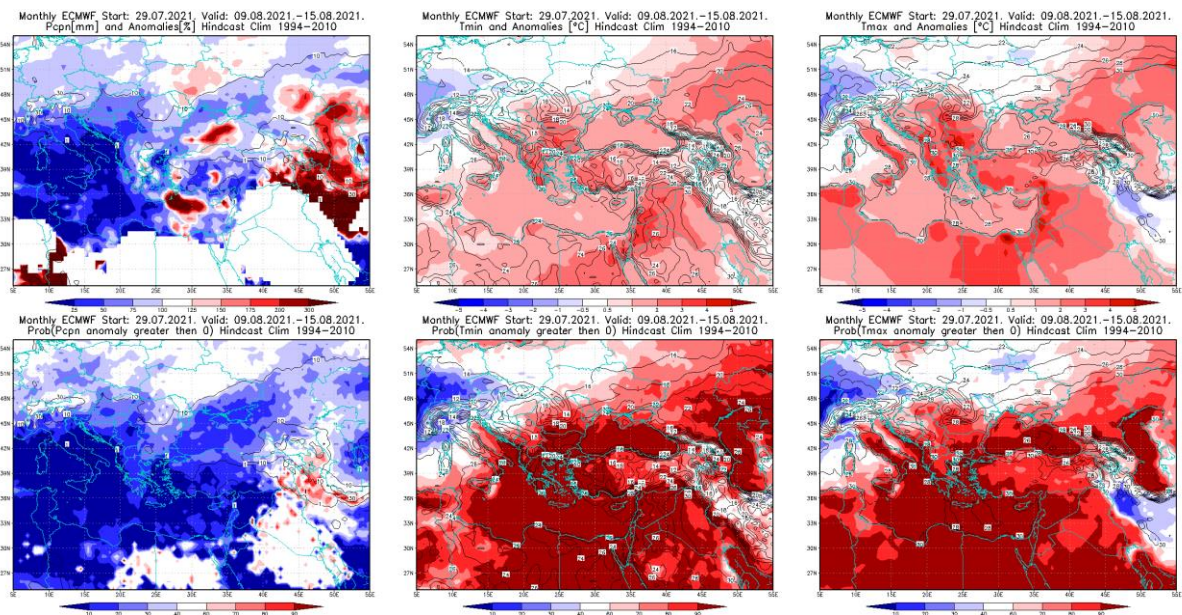


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 9.8–15.8.2021 period

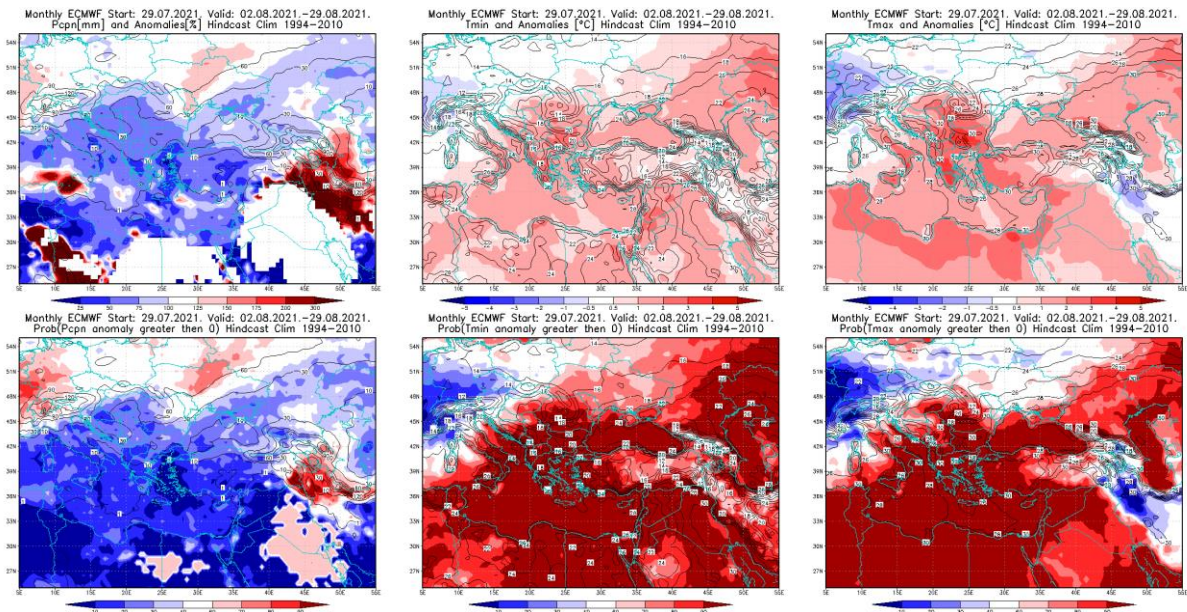


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2.8–29.8.2021 period

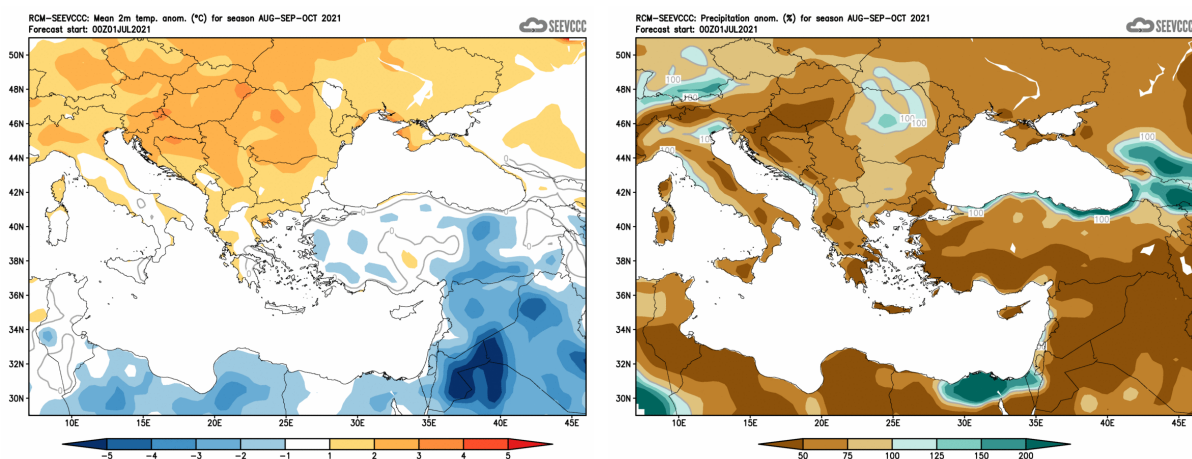


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCC)

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/>)