

## Climate Watch (Serial No.: 20210705–27)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

Issued/ Amended / 5-8-2021 16:00 P.M.  
Cancelled

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Valid from – to: 5-7-2021 – 30-9-2021 Next amendment: 12-7-2021

Region of concern: **SEE**

**„In the period from 5 July to 1 August 2021, above average temperature is predicted for almost the entire Balkans, eastern Turkey and South Caucasus, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is forecasted for northern and eastern Turkey and South Caucasus, with probability up to 80% for exceeding upper tercile. In rest of the region average precipitation sums are expected.”**

### Monitoring

During the period from 27 June to 3 July 2021, in most of the region weekly precipitation sums were below 25 mm. At some locations in Romania and southern Ukraine precipitation totals were up to 100 mm.

## **Outlook**

Within the first week (5 to 11 July 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for the Balkans, with anomaly up to +4°C and up to 90% probability for exceeding upper tercile. Temperature below normal is expected in western Turkey with anomaly up to -2°C and probability around 80%. Precipitation surplus is forecasted for northern Turkey, Ukraine and Moldova with probability up to 90% for exceeding upper tercile. Precipitation deficit is expected for the western and southern Balkans with around 60% probability for exceeding lower tercile.

During the second week (12 to 18 July 2021), above average temperature is predicted for most of the region with anomaly up to +3°C and around 80% probability for exceeding upper tercile. Precipitation surplus is forecasted for the area of Aegean Sea, southern Romania, northern and eastern Turkey as well as South Caucasus, with probability around 60% for exceeding upper tercile. In most of the Balkans average precipitation is expected.

In the period from 5 July to 1 August 2021, above average temperature is predicted for almost the entire Balkans, eastern Turkey and South Caucasus, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is forecasted for northern and eastern Turkey and South Caucasus, with probability up to 80% for exceeding upper tercile. In rest of the region average precipitation sums are expected.

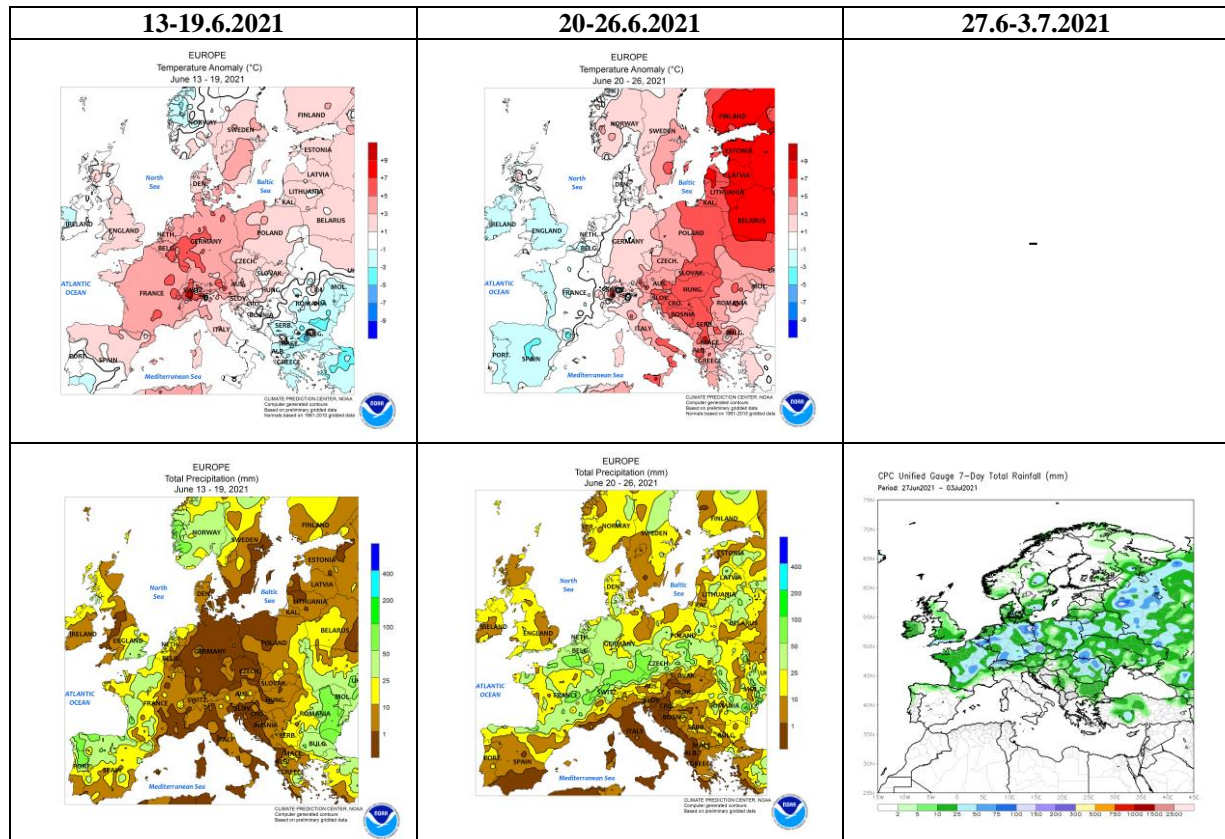
During the following three months (July, August and September) seasonal forecast predicts above normal seasonal air temperature for the northern Balkans, Pannonian Plain and Carpathian Mountains, as well as western and central Ukraine. Precipitation surplus is expected for southern Carpathian Mountains, northeastern Turkey and South Caucasus region. Precipitation deficit is predicted along the Adriatic Sea coast, southern Balkans, Pannonian Plain, southern Ukraine and most of Turkey.

## **Update**

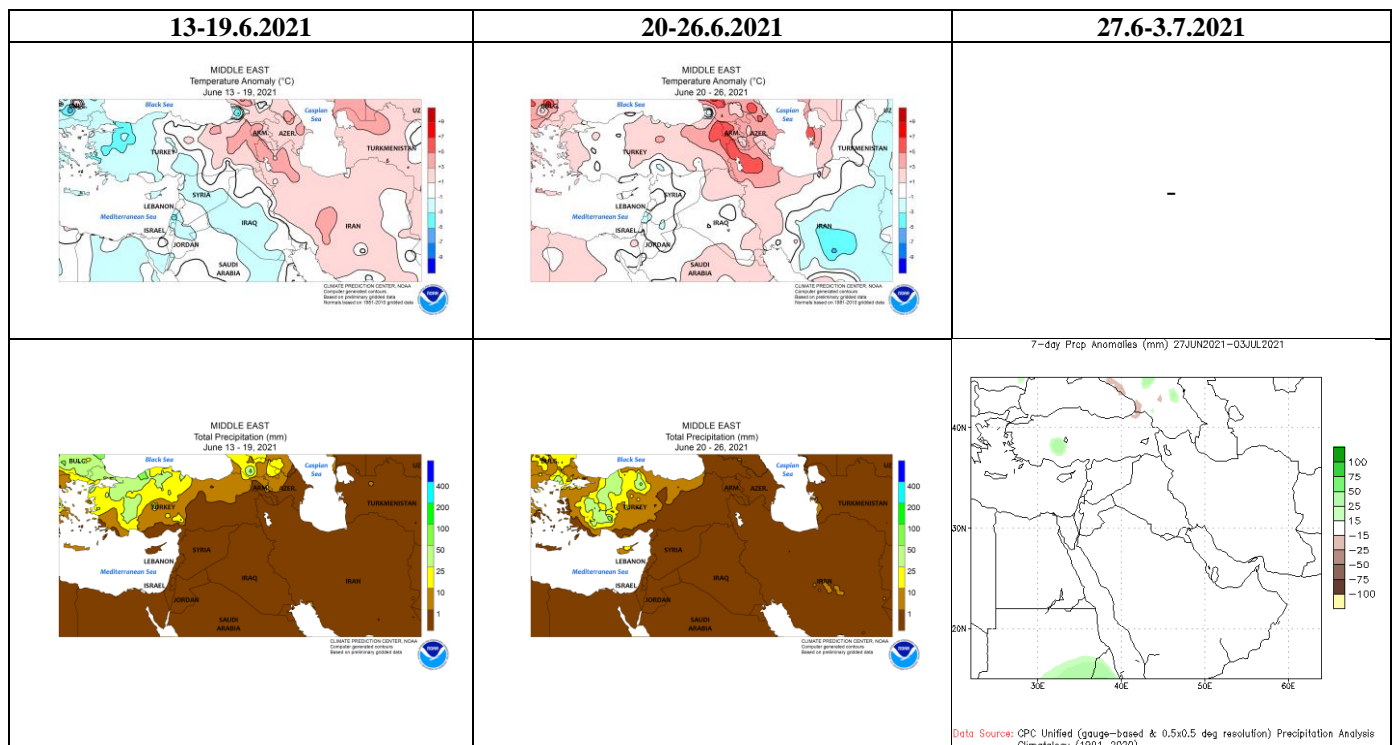
An updated statement will be issued on 12-7-2021

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

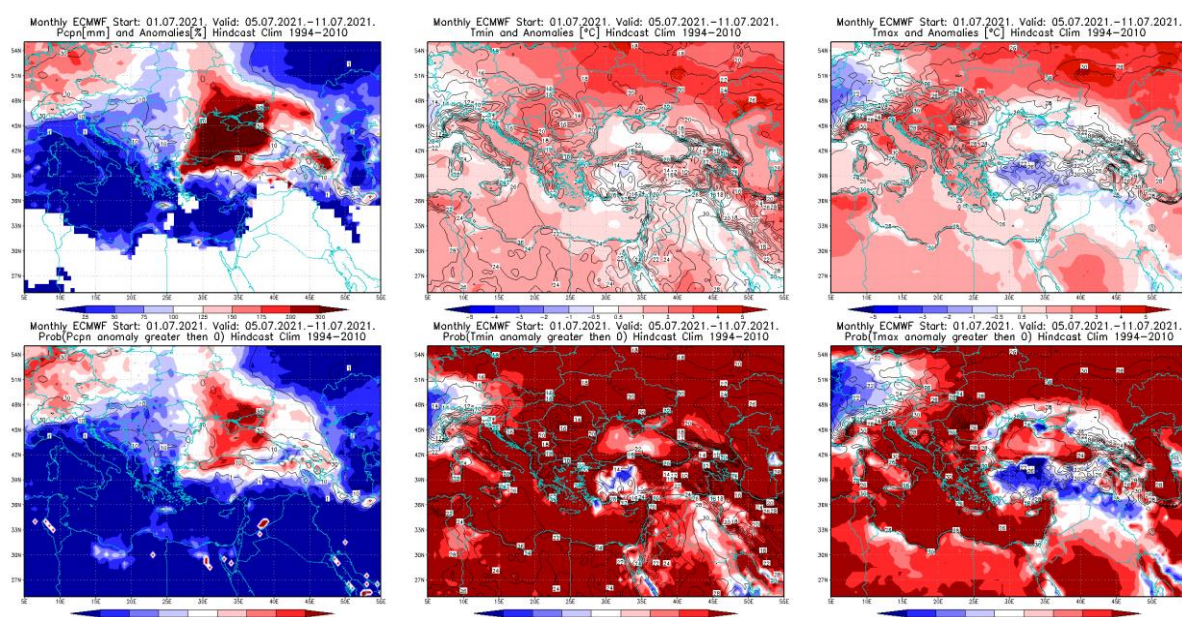
## ANNEX



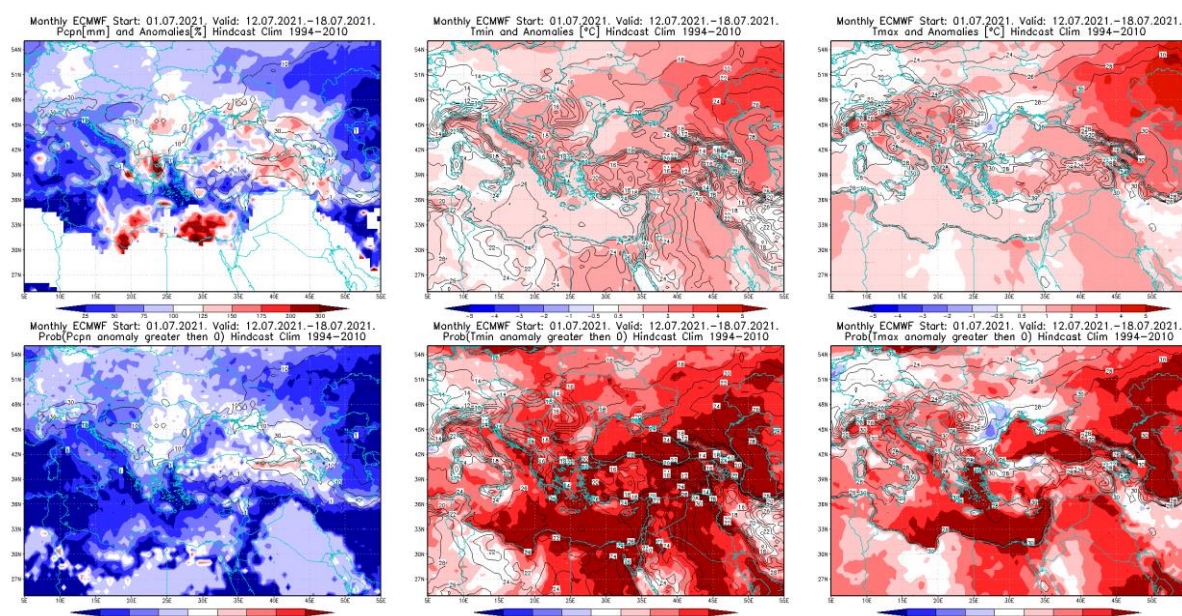
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



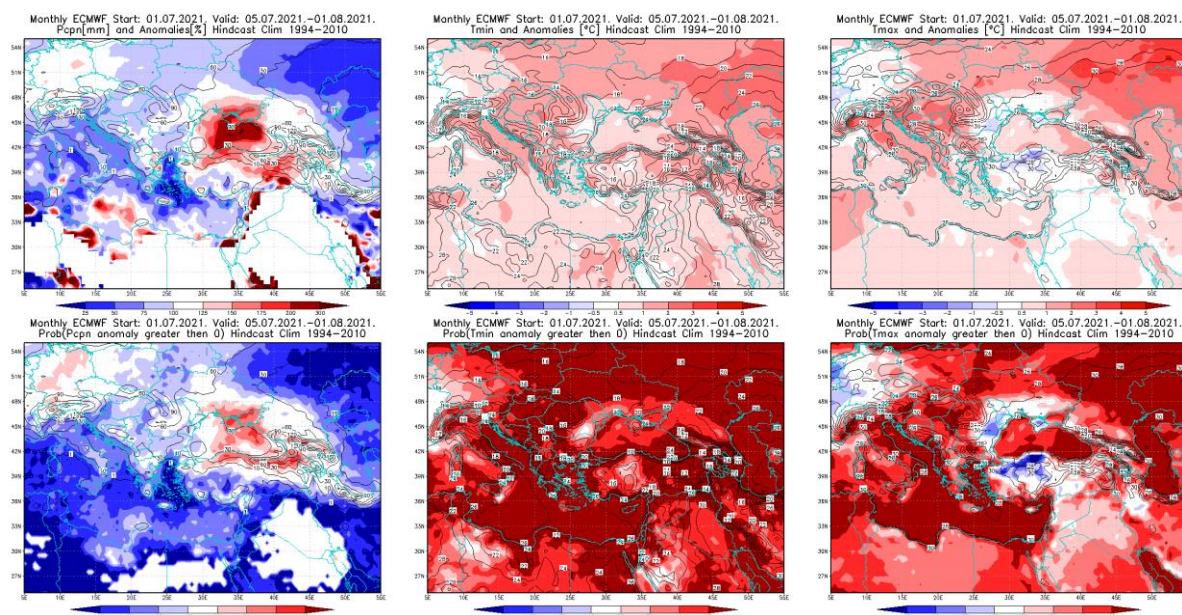
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



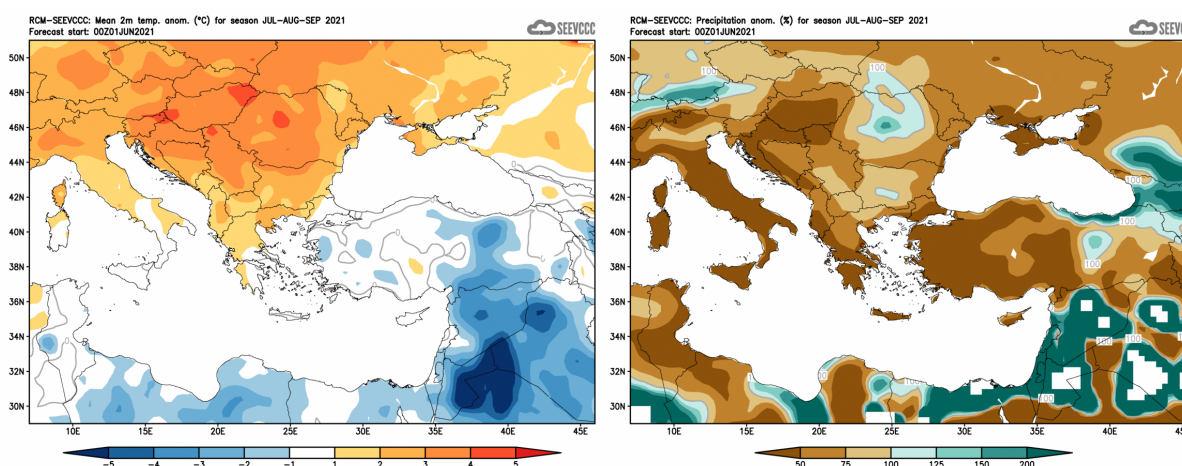
**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 5–11.7.2021 period



**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 12.7–18.7.2021 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 5.7–1.8.2021 period



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