

# Climate Watch (Serial No.: 20210830–35)

Initial/Updated/Final

**Topic: temperature and precipitation**

Organization issuing SEEVCCC  
the statement:

Issued/ Amended / 30-8-2021 16:00 P.M.  
Cancelled

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Valid from – to: 30-8-2021 – 30-11-2021 Next amendment: 6-9-2021

Region of concern: **Greece, Turkey, Ukraine, Moldova, South Caucasus and Middle East**

**„In the period from 30 August to 5 September 2021, above normal mean weekly air temperature is predicted for Aegean Sea region, eastern Turkey, South Caucasus and Middle East, with anomaly around +3°C. Below normal temperature is expected in most of the Balkans, Moldova, central and western Ukraine, with anomaly up to -3°C. Probability for exceeding upper/lower tercile is up to 90%. Precipitation surplus is predicted for Ukraine, Georgia and northeastern Turkey, with around 80% probability for extending upper tercile. Precipitation deficit is expected in southern Balkans, western Turkey and Middle East, with up to 80% probability for extending lower tercile.“**

## Monitoring

During the period from 22 to 28 August 2021, there was almost no precipitation in southeastern Ukraine, most of Turkey, Cyprus and Middle East. Weekly precipitation sums up to 25 mm were recorded in other parts of the region, but with precipitation totals of more than 50 mm in some central parts of the Balkans and Adriatic Sea coast, as well as northwestern Ukraine.

## **Outlook**

Within the first week (30 August to 5 September 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for Aegean Sea region, eastern Turkey, South Caucasus and Middle East, with anomaly around +3°C. Below normal temperature is expected in most of the Balkans, Moldova, central and western Ukraine, with anomaly up to -3°C. Probability for exceeding upper/lower tercile is up to 90%. Precipitation surplus is predicted for Ukraine, Georgia and northeastern Turkey, with around 80% probability for extending upper tercile. Precipitation deficit is expected in southern Balkans, western Turkey and Middle East, with up to 80% probability for extending lower tercile.

During the second week (6 to 12 September 2021), above average mean weekly air temperature is predicted for eastern Turkey and Azerbaijan, with anomaly up to +3°C, and up to 80% probability for exceeding upper tercile. Below normal temperature is expected in Moldova, Ukraine and eastern Romania, with anomaly up to -3°C and probability for exceeding lower tercile up to 70%. Precipitation deficit is expected in western Turkey with around 70% probability for extending lower tercile. Average precipitation sums are expected for most of the region.

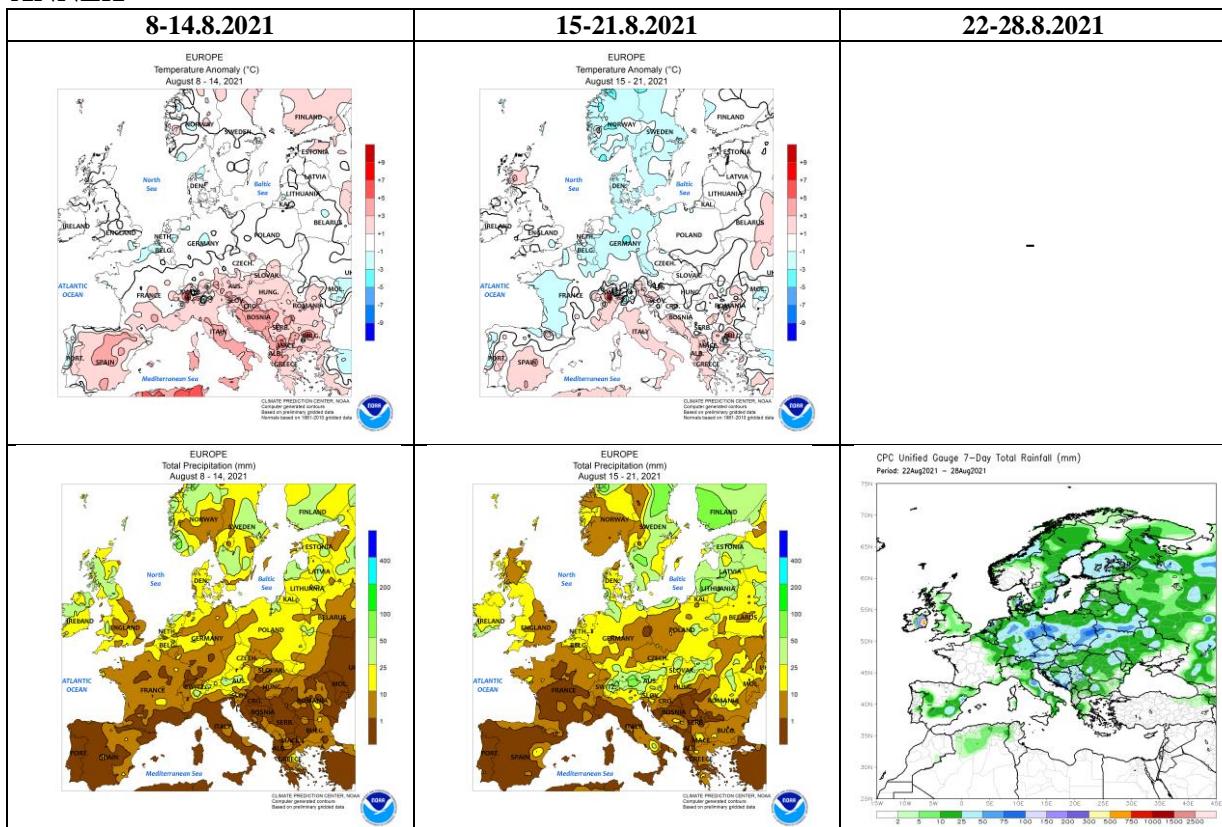
During the following three months (September, October and November) seasonal forecast predicts above normal seasonal air temperature for most of the Balkans, as well as Ukraine, while for most of Turkey, Middle East and South Caucasus below seasonal air temperature is expected. Precipitation surplus 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**

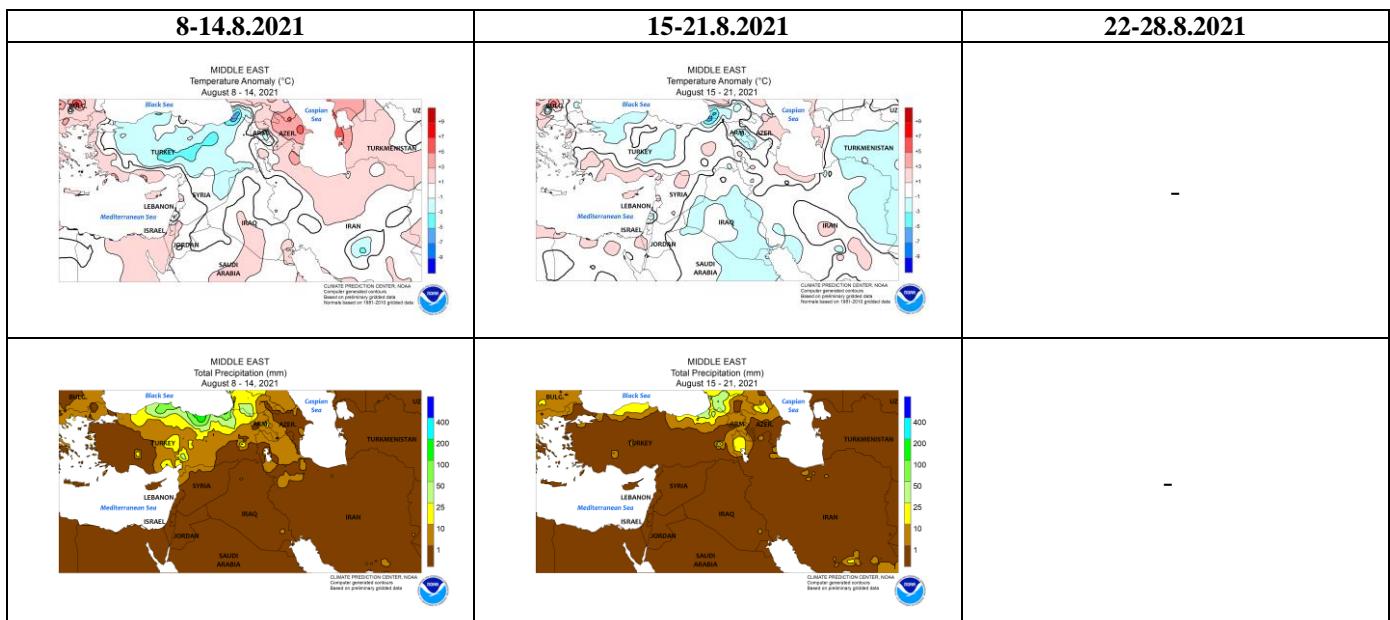
An updated statement will be issued on 6-9-2021

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

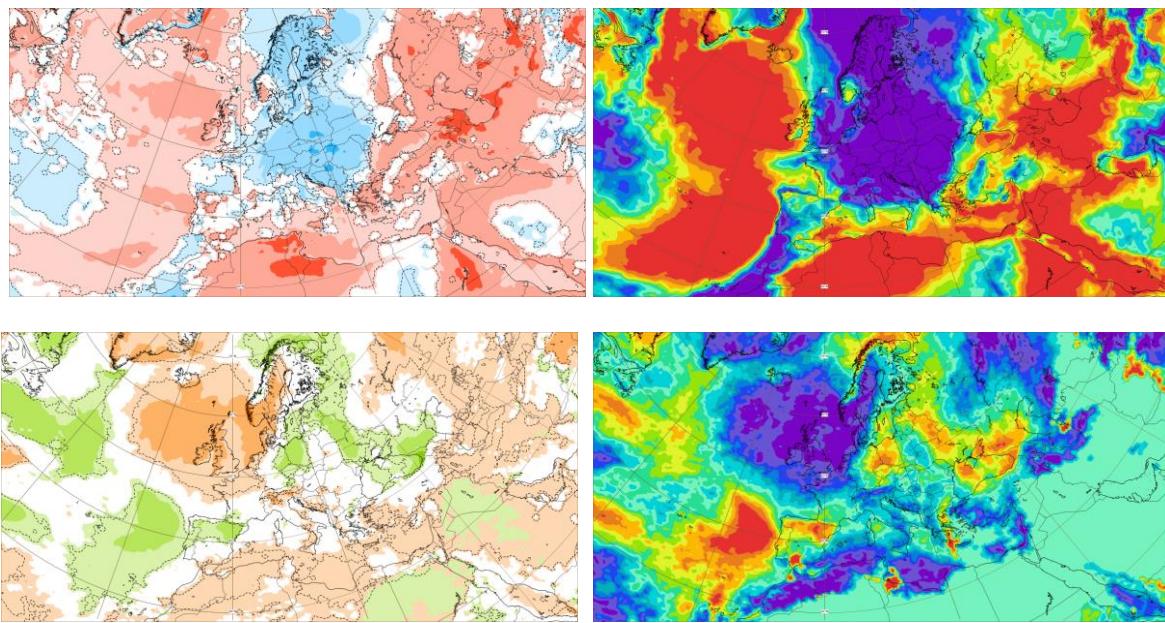
## ANNEX



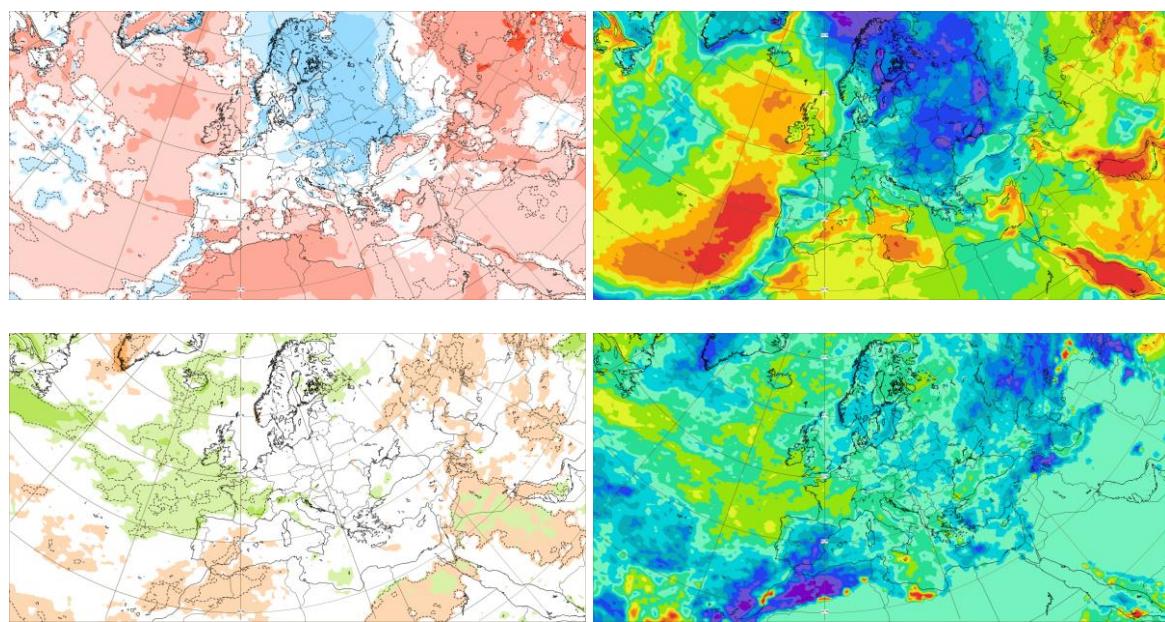
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



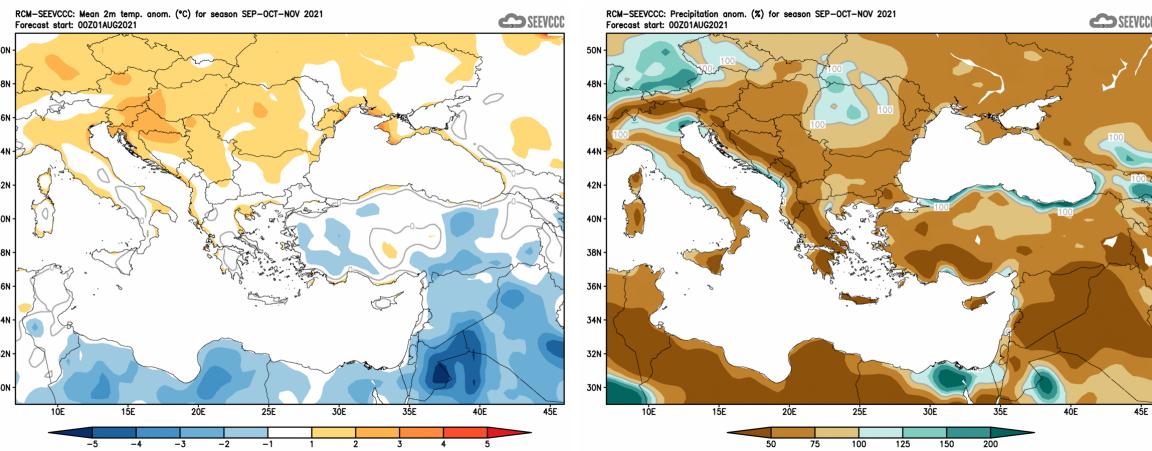
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



**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 30.8–5.9.2021 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 6.9–12.9.2021 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/>)