

Climate Watch (Serial No.: 20210913–37)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

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Cancelled

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Valid from – to: 13-9-2021 – 30-11-2021 Next amendment: 20-9-2021

Region of concern: **Turkey, Ukraine and the Balkans**

„In the period from 13 to 19 September 2021, above normal mean weekly air temperature is forecasted for the Balkans, with up to +3°C anomaly and up to 90% probability for exceeding upper tercile. Below normal temperature is expected in most of Turkey, with anomaly up to -1°C and up to 60% probability for exceeding lower tercile. Precipitation surplus is expected along the Adriatic coast and in central and southern Turkey, with up to 70% probability for extending upper tercile.“

Monitoring

During the period from 5 to 11 September 2021, precipitation sums were below 5 mm in most of the region, but with up to 50 mm weekly totals in Greece.

Outlook

Within the first week (13 to 19 September 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for the Balkans, with up to +3°C anomaly and up to 90% probability for exceeding upper tercile. Below normal temperature is expected in most of Turkey, with anomaly up to -1°C and up to 60% probability for exceeding lower tercile. Precipitation surplus is expected along the Adriatic coast and in central and southern Turkey, with up to 70% probability for extending upper tercile.

During the second week (20 to 26 September 2021), below average mean weekly air temperature is predicted for eastern Balkans and northern Turkey, with anomaly up to -3°C, and around 60% probability for exceeding lower tercile. Average temperature is expected for the central and western Balkans. 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 20-9-2021

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

ANNEX

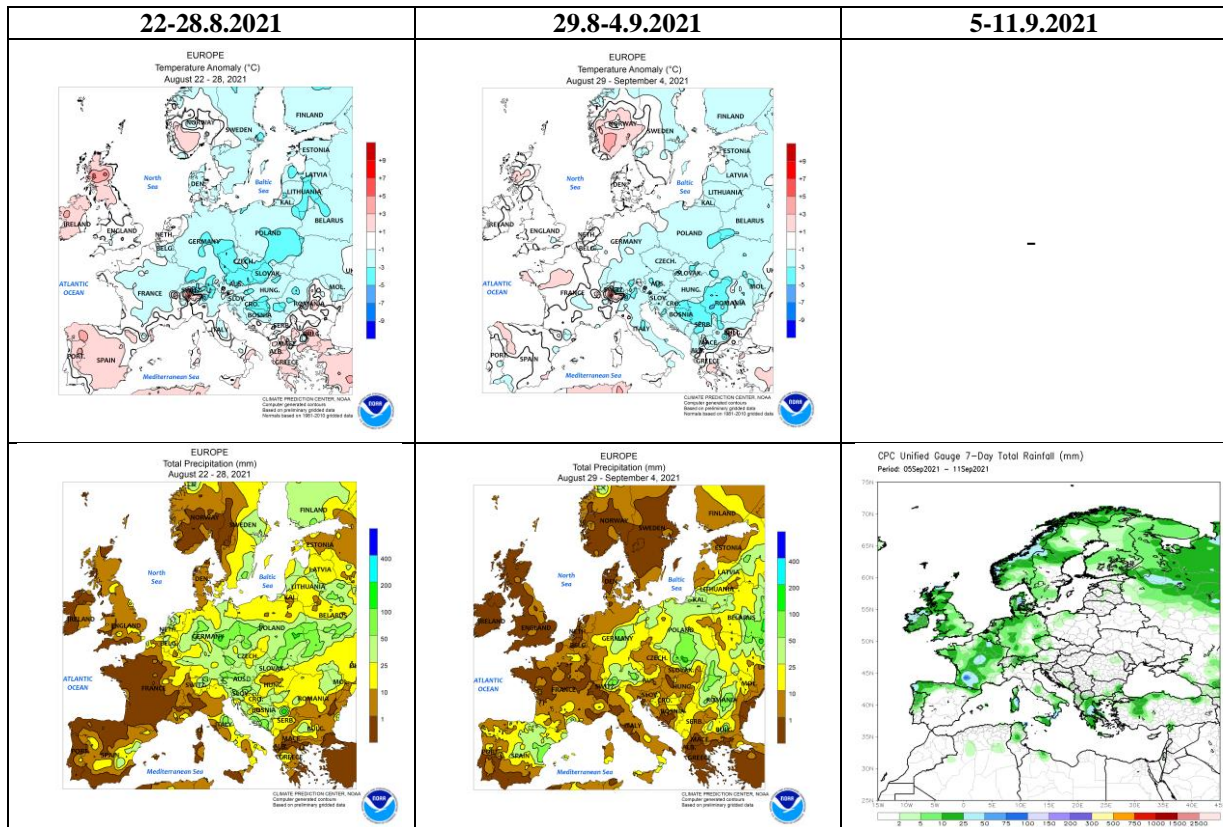


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

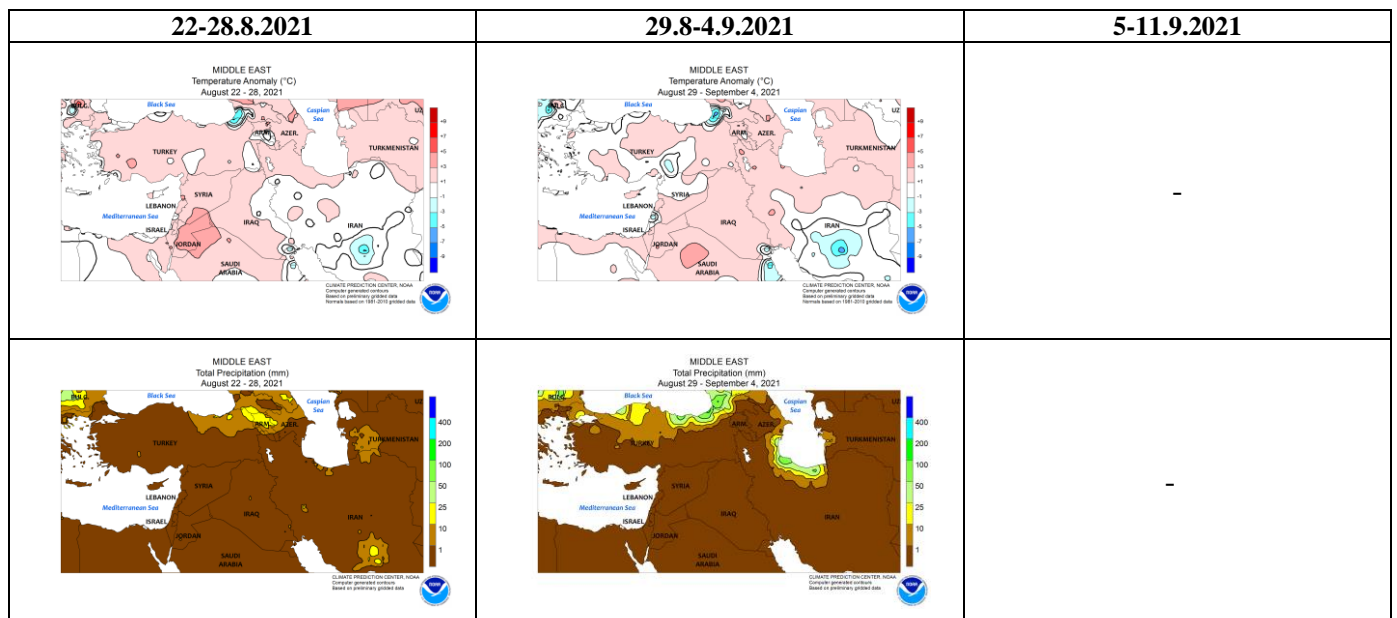


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

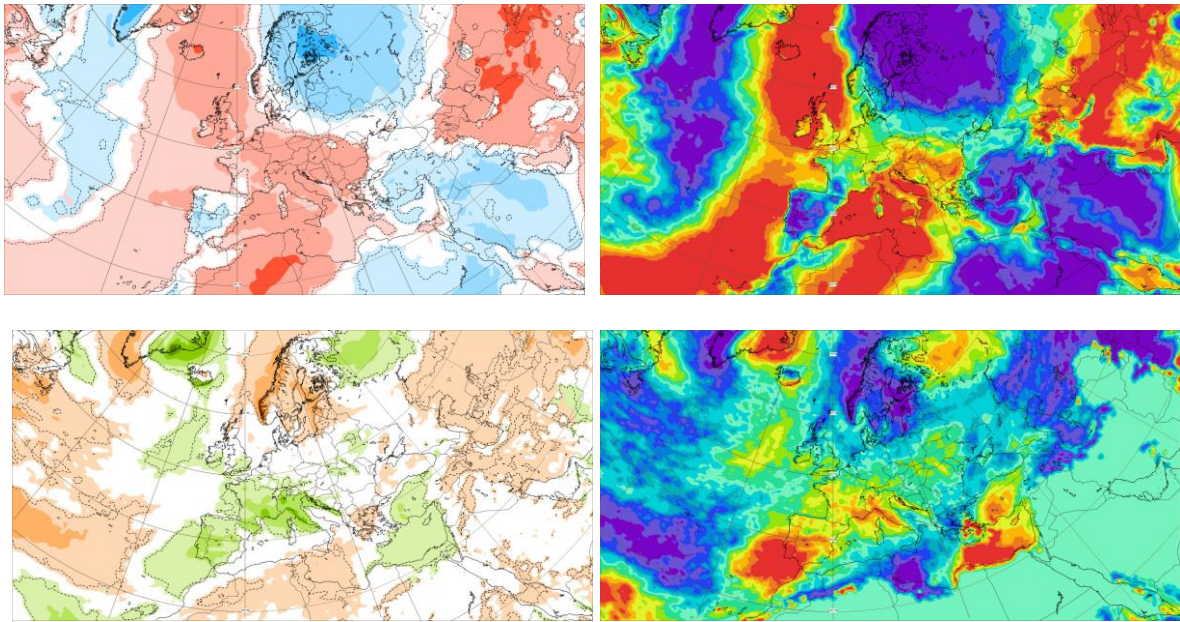


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 13.9–19.9.2021 period

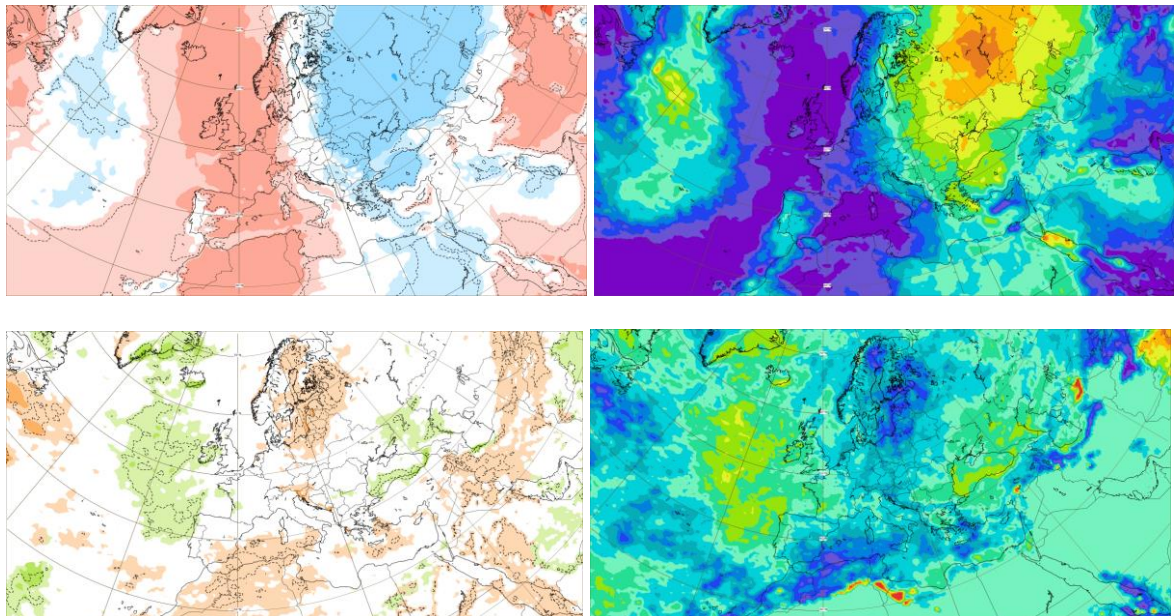


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 20.9–26.9.2021 period

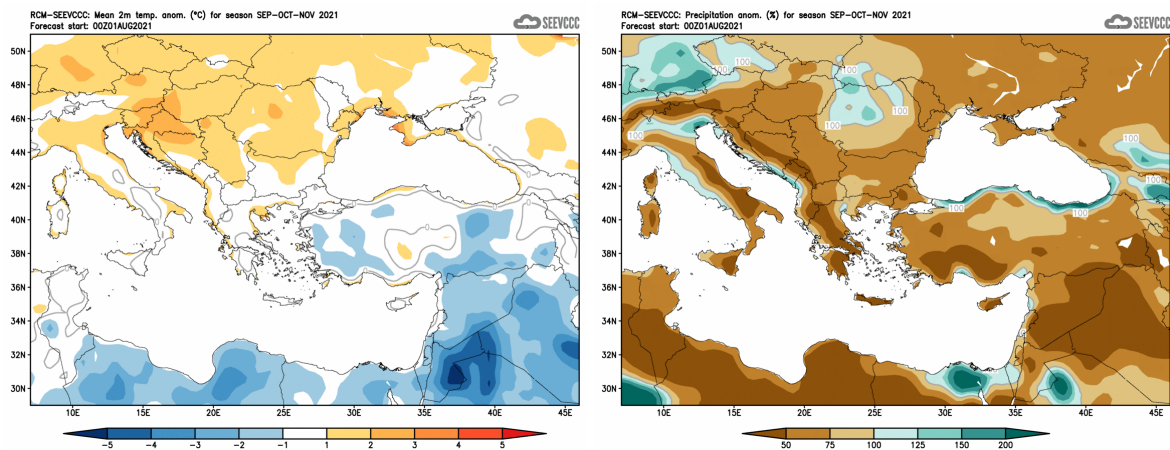


Figure 6. Mean seasonal temperature and precipitation anomaly for the season SON (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- 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/>)