

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

Organization issuing the statement: SEEVCCC

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Cancelled

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Region of concern: **Ukraine, Moldova, western and central Balkans**

„In the period from 20 to 26 September 2021, below normal mean weekly air temperature is expected in Ukraine and Moldova, with anomaly up to –3°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected for the western and central Balkans, with up to 90% probability for exceeding upper tercile.“

Monitoring

During the period from 19 to 26 September 2021, precipitation sums were below 25 mm in most of the region, while in most of Ukraine, northwestern Balkans, and northeastern Turkey weekly totals reached up to 50 mm. Some locations in Albania, Montenegro and northernmost Turkey received around 150 mm of precipitation.

Outlook

Within the first week (27 September to 3 October 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the southern, western and central Balkans and southern Turkey, with up to +3°C anomaly and up to 90% probability for exceeding upper tercile. Below normal temperature is expected in Ukraine and Moldova, with anomaly up to -3°C and up to 90% probability for exceeding lower tercile. Precipitation surplus is expected for the western and central Balkans, with up to 90% probability for exceeding upper tercile.

During the second week (4 October to 10 October 2021), below normal air temperature is predicted for some parts of the eastern Balkans, most of Moldova and Ukraine with anomaly up to -1°C, and around 60% probability for exceeding lower tercile. Precipitation deficit is expected along the Adriatic coast, as well as southwestern Turkey with up to 80% probability for exceeding lower tercile. In rest of the region average precipitation sums are predicted.

During the following three months (October, November and December) seasonal forecast predicts above normal seasonal air temperature for the northwestern Balkans. Precipitation surplus is expected in the Carpathian Mountains, as well as along the coasts of Adriatic and southern Black Sea. Precipitation deficit is predicted for the western and southern Balkans, Cyprus and southern Turkey.

Update

An updated statement will be issued on 4-10-2021

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

ANNEX

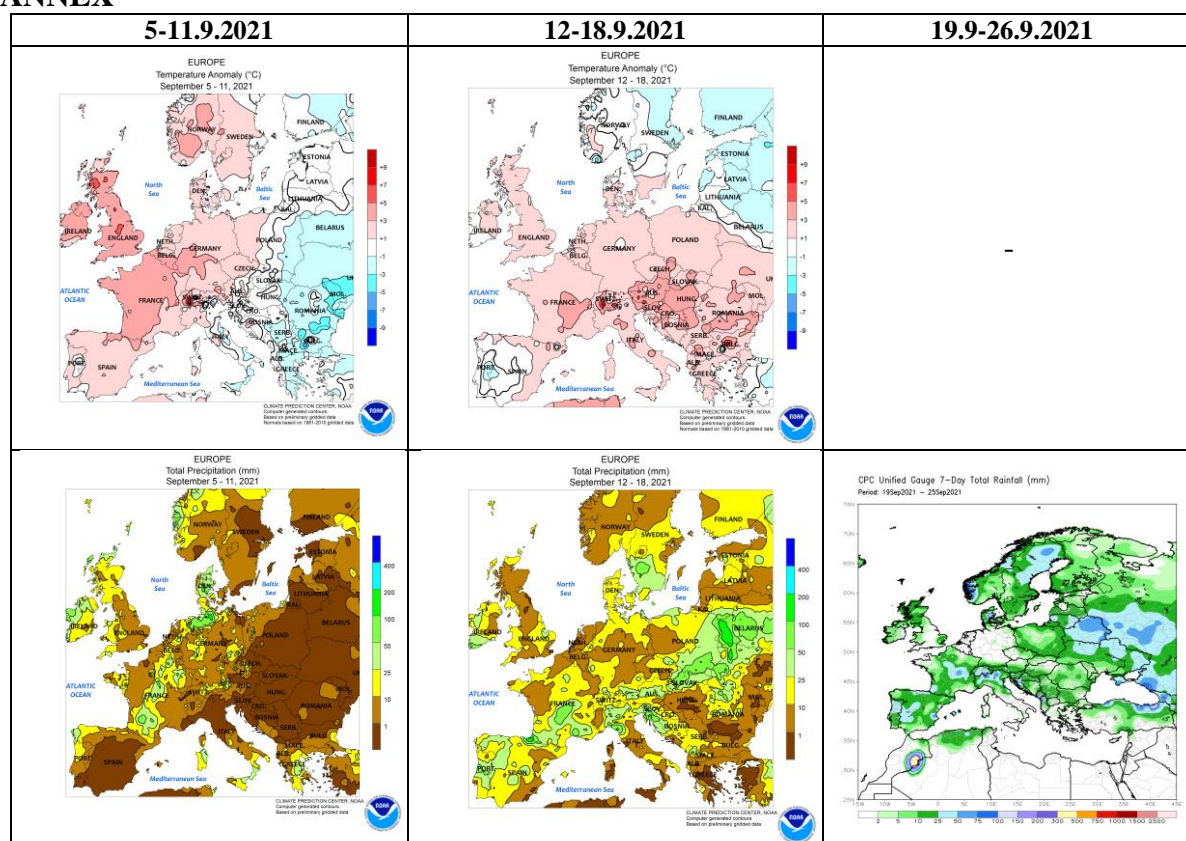


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

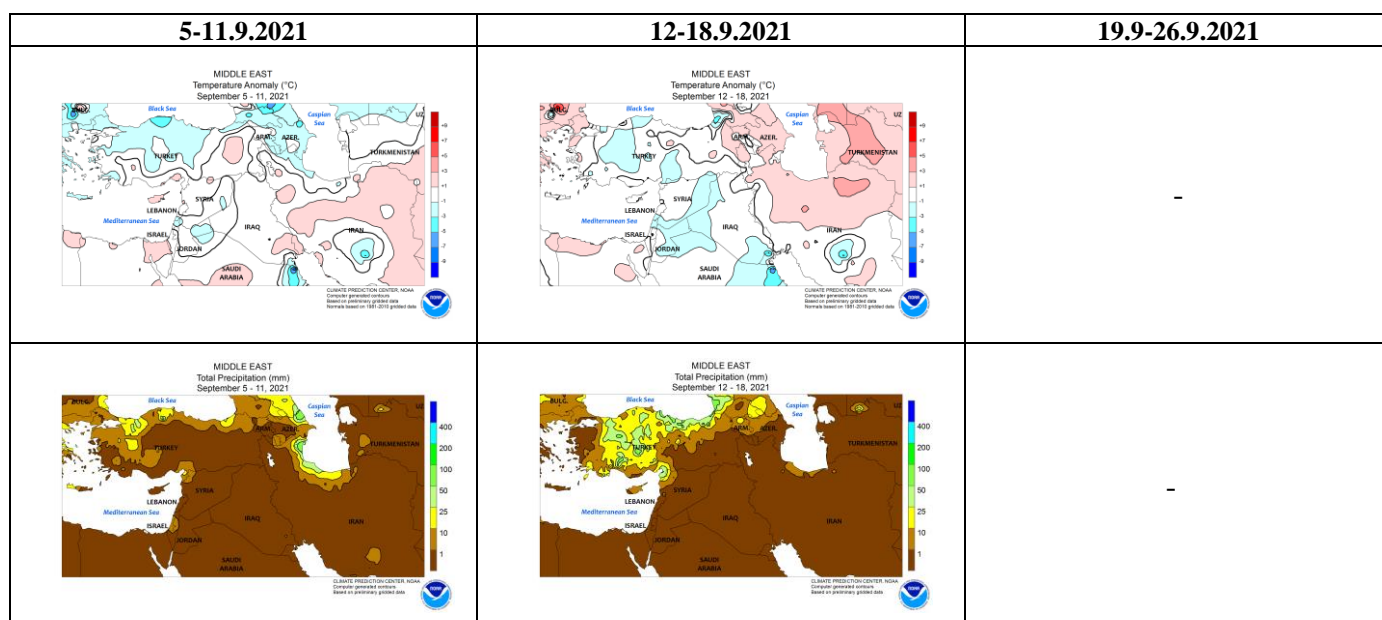


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

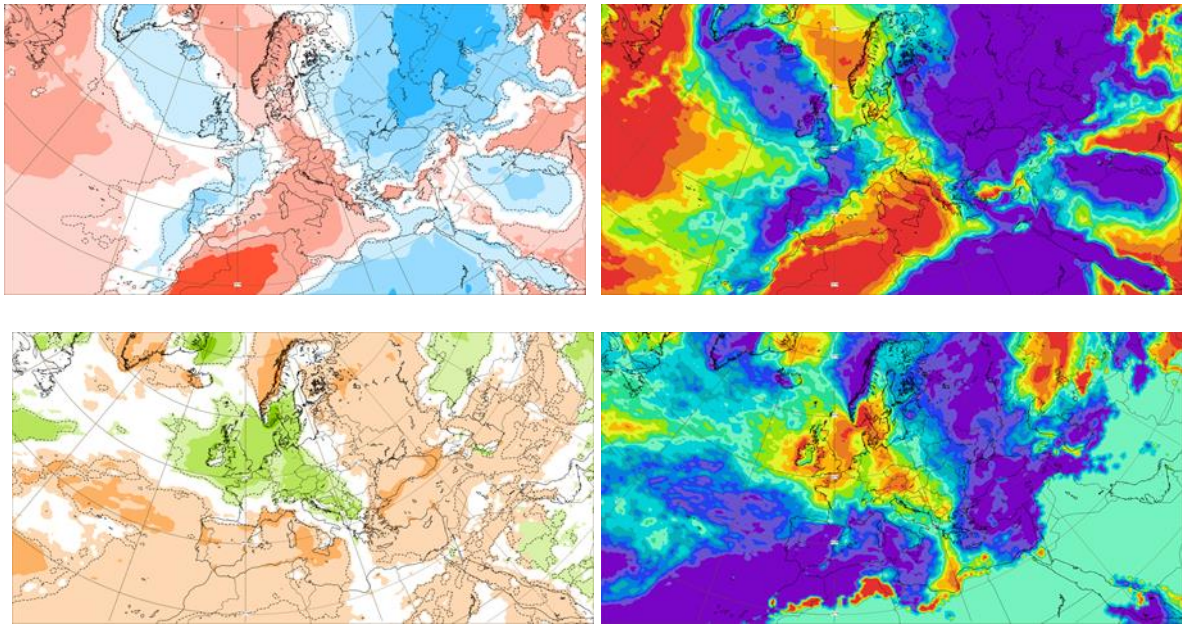


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 24.9–3.10.2021 period

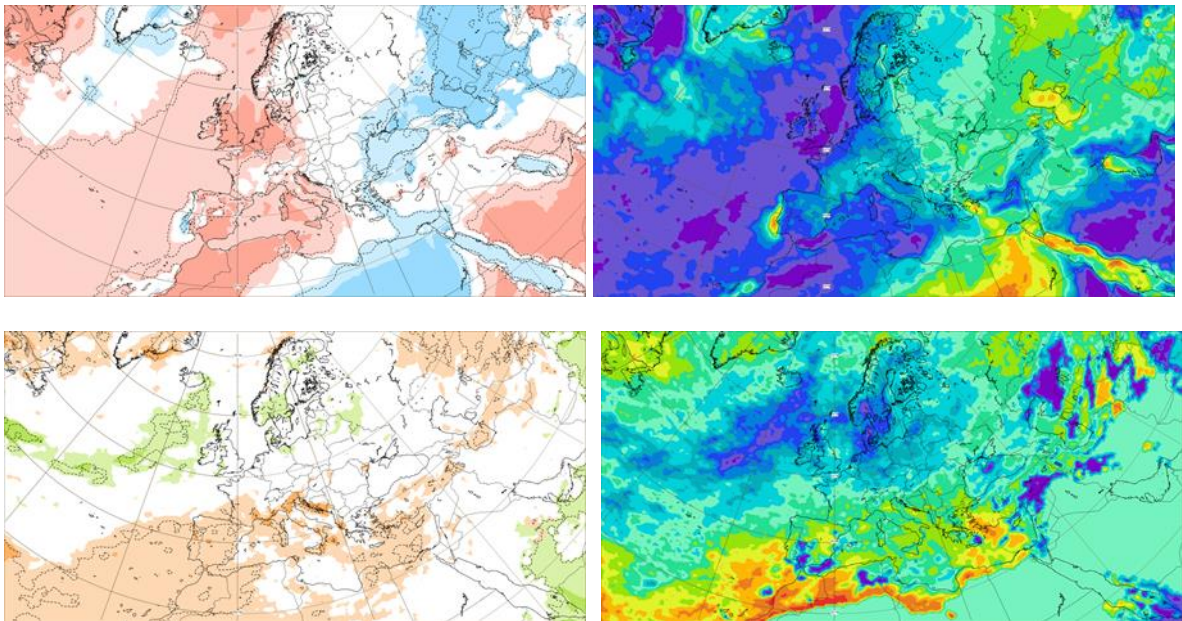


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 4.10–10.10.2021 period

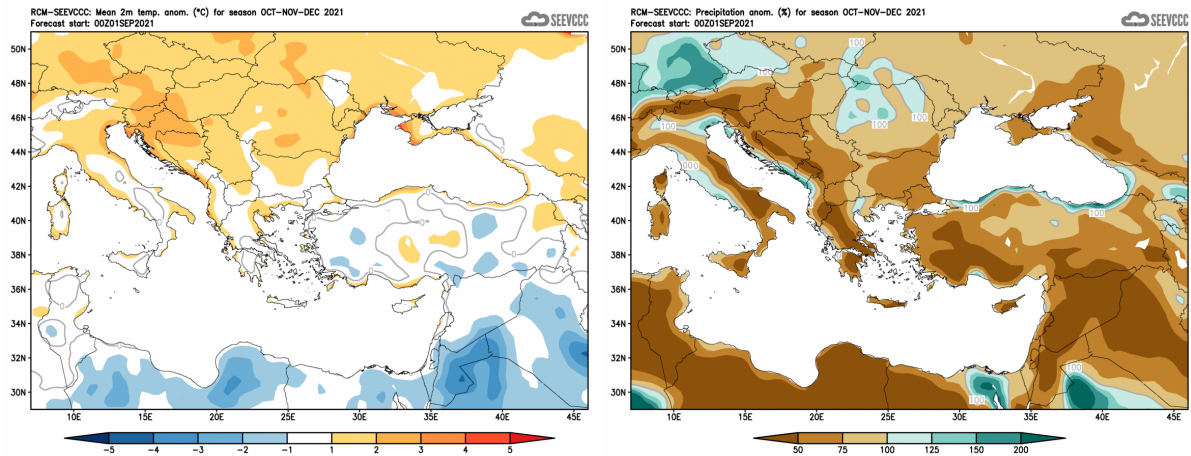


Figure 6. Mean seasonal temperature and precipitation anomaly for the season OND (seasonal outlook from RCM – SEEVCCC)

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/>)