

Topic: **temperature and precipitation**

Organization issuing SEEVCCC

the statement:

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Cancelled

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Valid from – to: 26-9-2022 – 31-12-2022 Next amendment: 3-10-2022

Region of concern: **Balkans, Turkey, Armenia and Romania**

„Within the first week (19 to 25 September 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in most of the SEE region, with anomaly in a range from +3°C in most of the region up to +6°C in Turkey, Armenia, most of Bulgaria and eastern Romania. Probability for exceeding upper tercile is around 60% in the central Balkans and more than 90% elsewhere. Precipitation surplus is forecasted for the western and southwestern Balkans, with up to 90% probability for exceeding upper tercile.“

Monitoring

During the period from 18 to 24 September 2022, weekly precipitation sums were up to 75 mm in northernmost Turkey and western and central Ukraine and around 50 mm in rest of Ukraine, northern Moldova, northern Romania, central Turkey and western Georgia. In rest of the region precipitation totals were up to 25 mm.

Outlook

Within the first week (26 September to 2 October 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in most of the SEE region, with anomaly in a range from +3°C in most of the region up to +6°C in Turkey, Armenia, most of Bulgaria and eastern Romania. Probability for exceeding upper tercile is around 60% in the central Balkans and more than 90% elsewhere. Precipitation surplus is forecasted for the western and southwestern Balkans, with up to 90% probability for exceeding upper tercile. Precipitation deficit is predicted for South Caucasus, northern Turkey and Aegean Sea, with up to 60% probability for exceeding lower tercile in the area of the Aegean Sea, and around 90% in the remainder of the region.

During the second week (3 to 9 October 2022), above average mean weekly air temperature is forecasted in the eastern and southern Balkans, eastern Romania, Turkey, southern Moldova and South Caucasus, with anomaly up to +3°C. Probability for exceeding upper tercile is around 70%. Precipitation deficit is forecasted for the areas of the Aegean Sea and the southern Adriatic, with up to 70% probability for exceeding lower tercile.

During the following three months (October, November and December), seasonal forecast predicts above average seasonal air temperature in western and central parts of the Balkans, western Ukraine and Carpathian Mountains. Precipitation surplus is expected along south Adriatic Sea coast, in some parts of the Carpathians and the South Caucasus region and southern coast of Black Sea. Precipitation deficit is predicted for southern parts of the SEE region as well as western Balkans.

Update

An updated statement will be issued on 3-10-2022

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

ANNEX

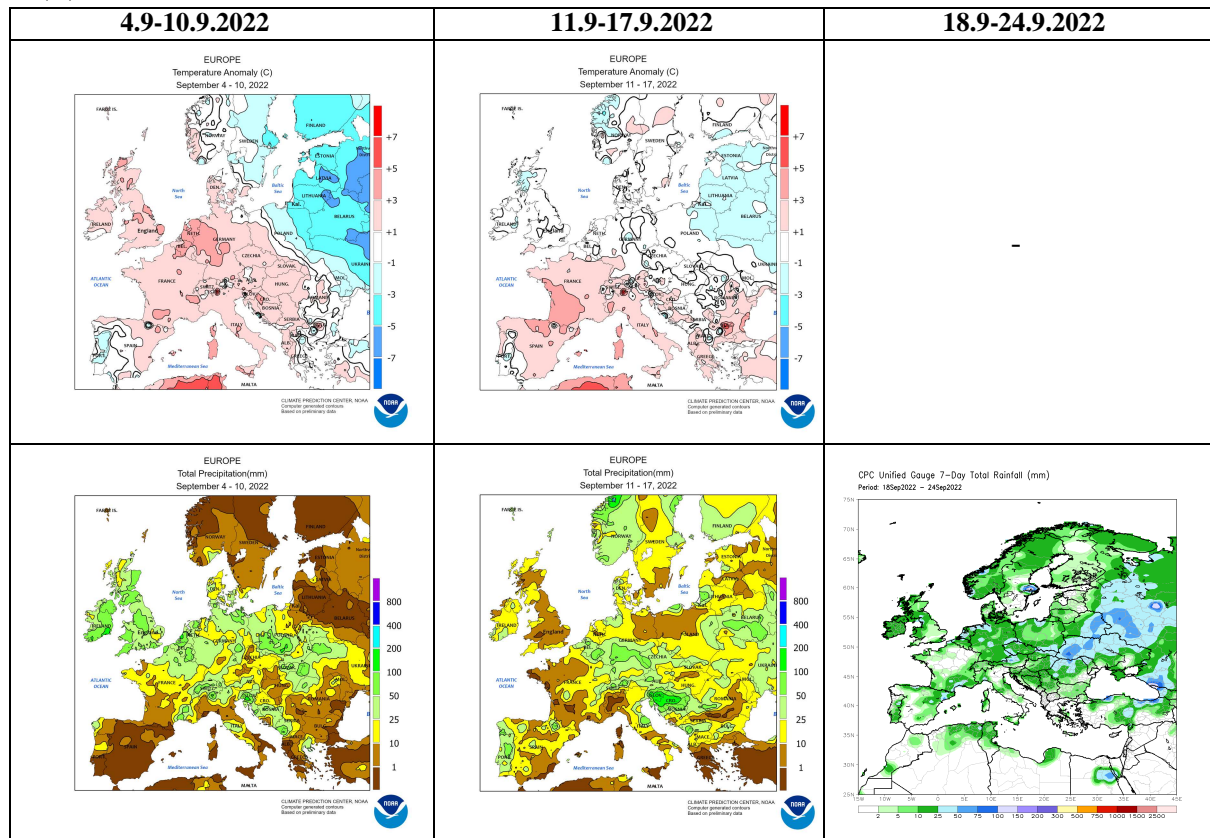


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

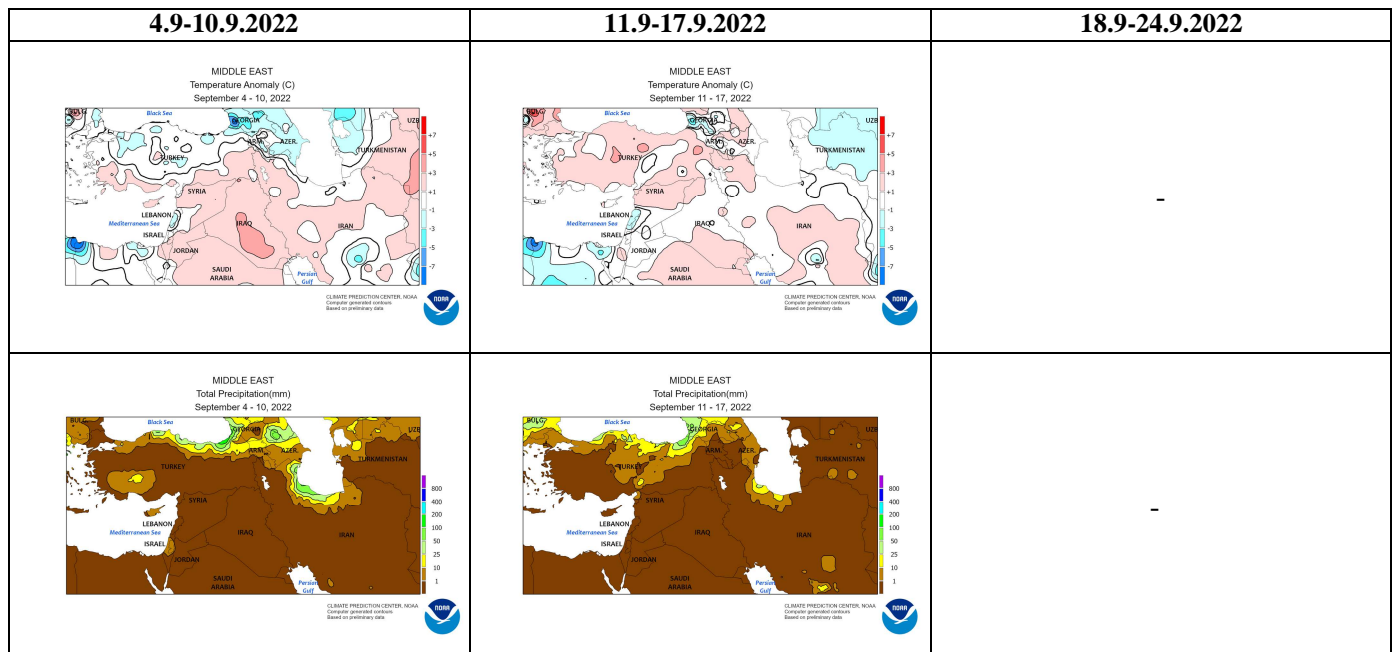


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

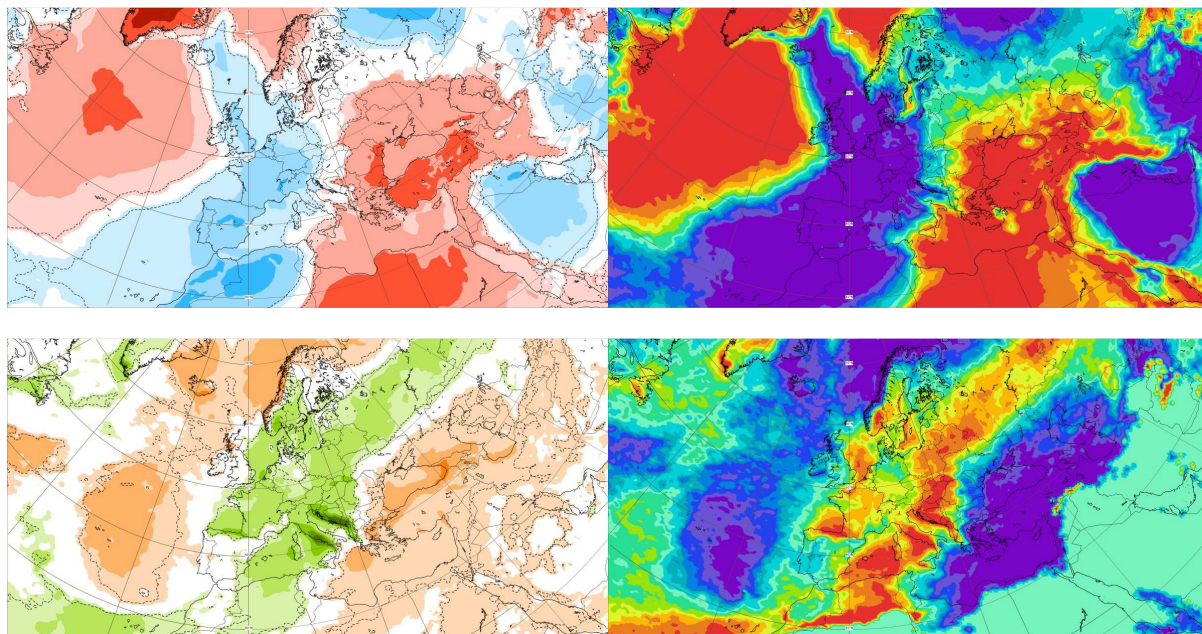


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 26.9–2.10.2022 period

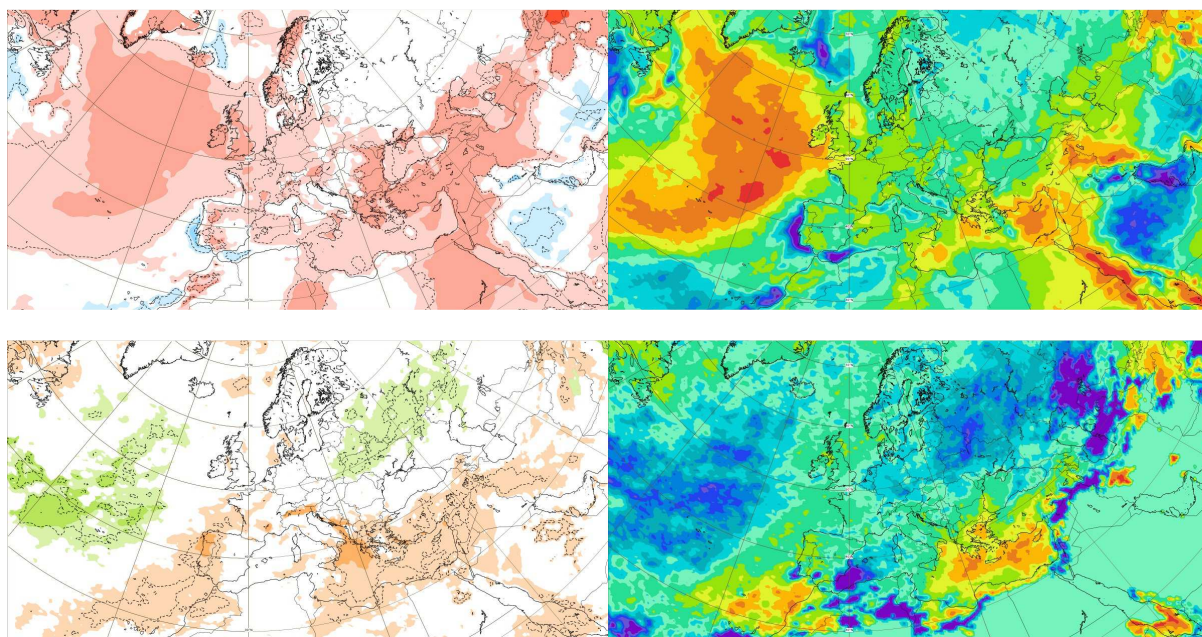


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 3–9.10.2022 period

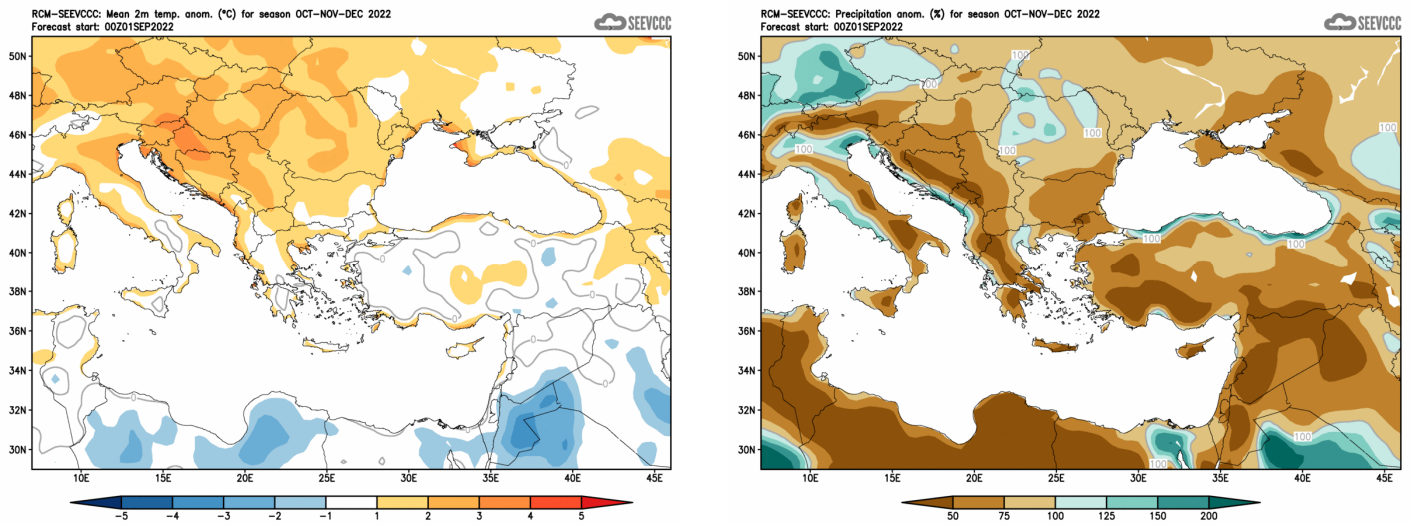


Figure 6. Mean seasonal temperature and precipitation anomaly for the season OND (seasonal outlook from RCM – SEEVCCC)

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/>)