

## Climate Watch (Serial No.: 20241118–47)

Initial/Updated/Final

Topic: **temperature and precipitation**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended / 18-11-2024 16:00  
Cancelled

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Valid from – to: 18-11-2024 – 31-1-2025 Next amendment: 25-11-2024

Region of concern: **Slovenia, Croatia, Bosnia and Herzegovina, Montenegro, Albania,  
Serbia, Hungary, Romania, Moldova, Ukraine and Turkey**

**„Within the first week (18 to 24 November 2024), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly up to  $-3$  °C in western and central parts of the Balkans, and Pannonian Plain. Probability for exceeding lower tercile is up to 90% in Pannonian Plain. Precipitation surplus is predicted for the western and central Balkans, Pannonian Plain, Moldova, Ukraine, western and southern Turkey, with up to 90% probability for exceeding upper tercile. “**

### Monitoring

During the period from 10 to 16 November 2024, up to 100 mm weekly precipitation sums were registered in southern Greece, up to 75 mm in southwestern Turkey, up to 50 mm in parts of the eastern Balkans, northern and southern Turkey and western Georgia, while in rest of the region there were below 25 mm.

## **Outlook**

Within the first week (18 to 24 November 2024), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly up to  $-3$  °C in western and central parts of the Balkans, and Pannonian Plain. Probability for exceeding lower tercile (bottom third of the lowest temperature) is up to 90% in Pannonian Plain. Precipitation surplus is predicted for the western and central Balkans, Pannonian Plain, Moldova, Ukraine, western and southern Turkey, with up to 90% probability for exceeding upper tercile (upper third of the highest precipitation).

During the second week (25 November to 1 December 2024), below average mean weekly air temperature, with anomaly up to  $-3$  °C, is forecasted for parts of the southeastern Balkans and western Turkey, but with low probability for exceeding lower tercile (bottom third of the lowest temperature). Precipitation deficit is predicted for the southern Balkans and southwestern Turkey, with around 60% probability for exceeding lower tercile (bottom third of the lowest precipitation).

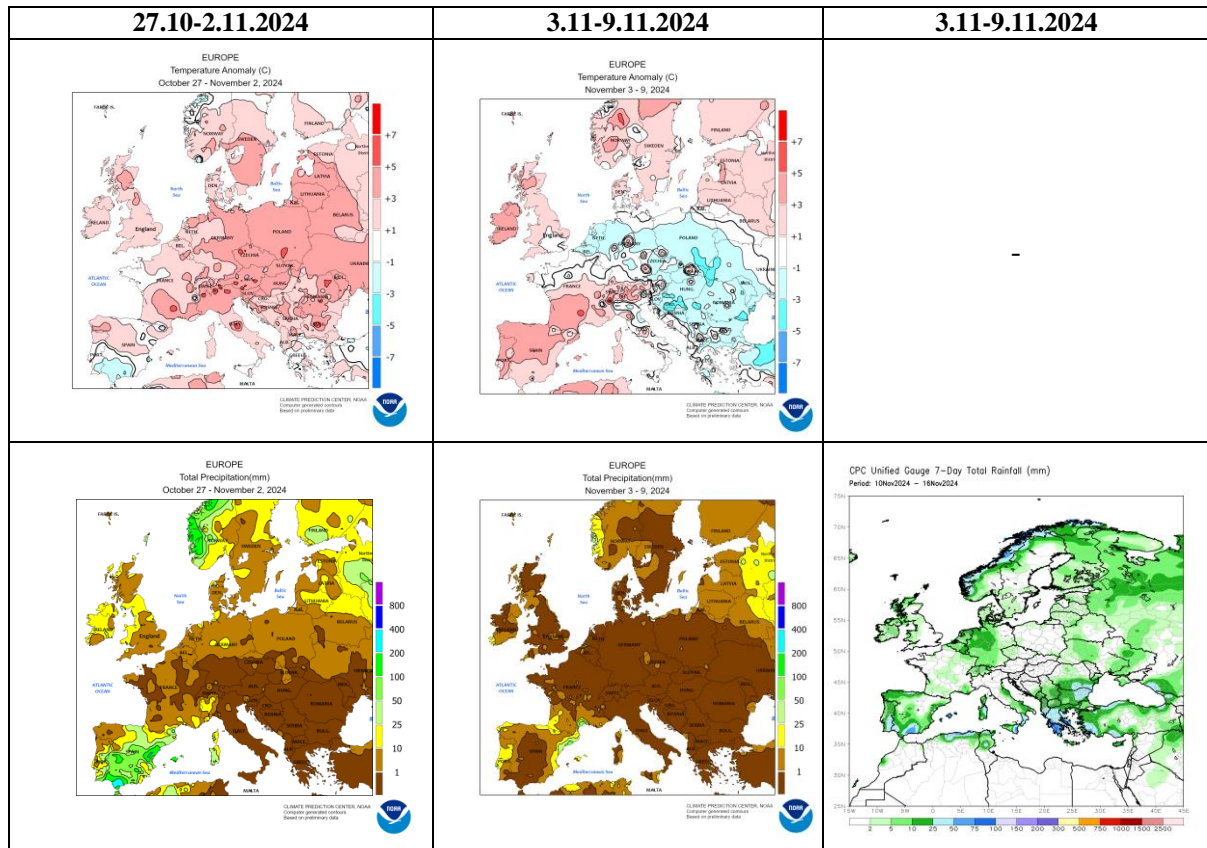
During the following three months (December, January and February), seasonal forecast predicts above average seasonal air temperature in most of the SEECOF region, beside central Turkey, Armenia and Azerbaijan.. Precipitation deficit is forecasted for southeastern Turkey and Middle East.

## **Update**

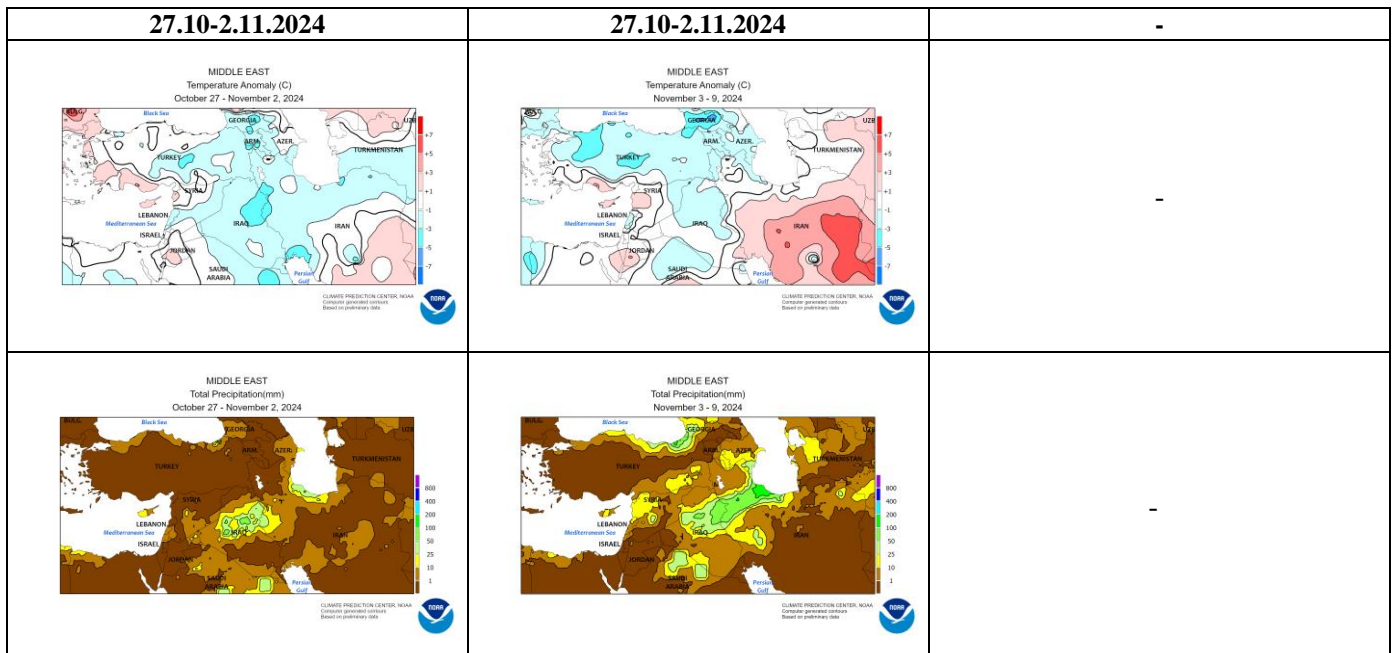
An updated statement will be issued on 25-11-2024

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

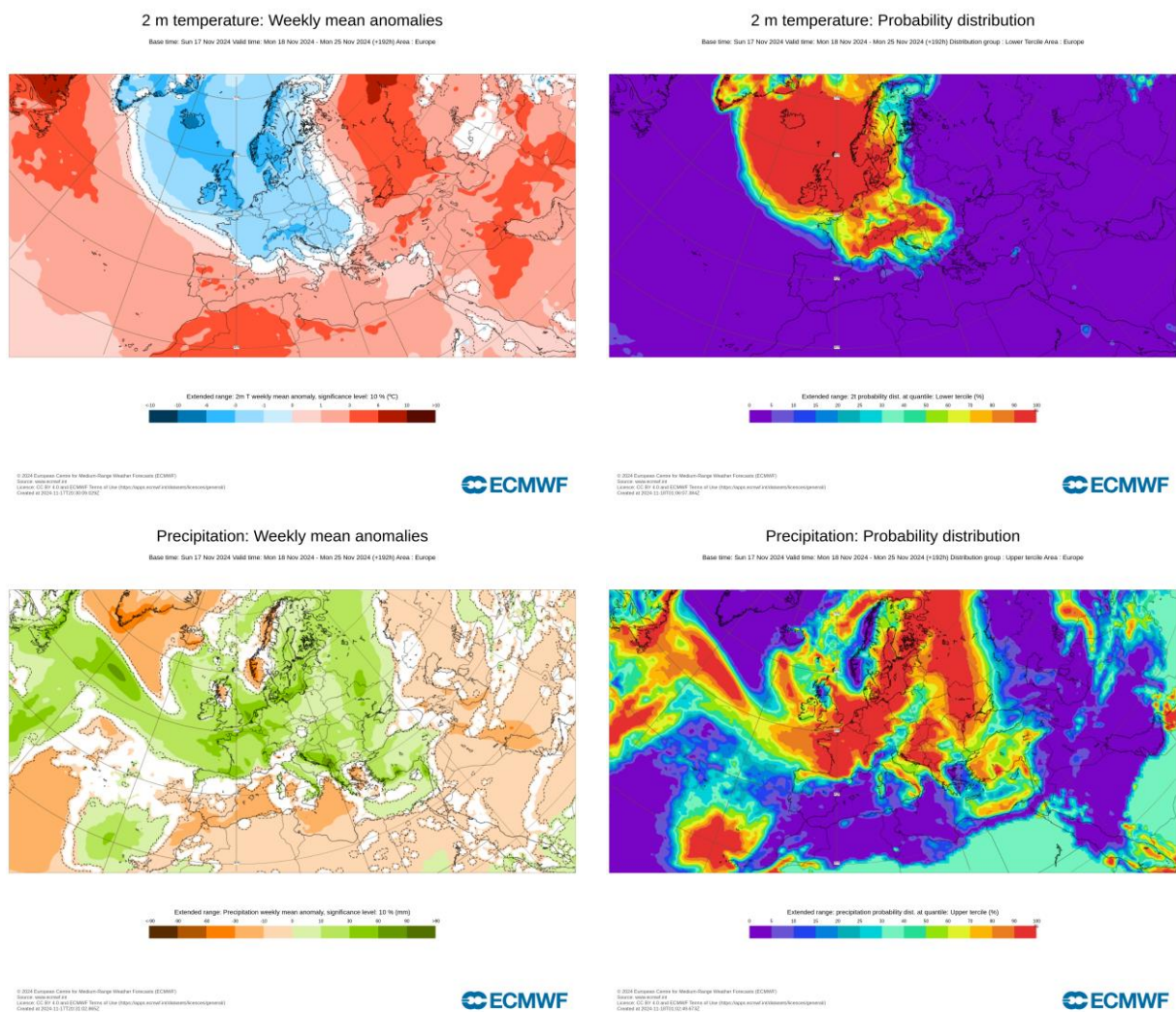
**ANNEX**



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

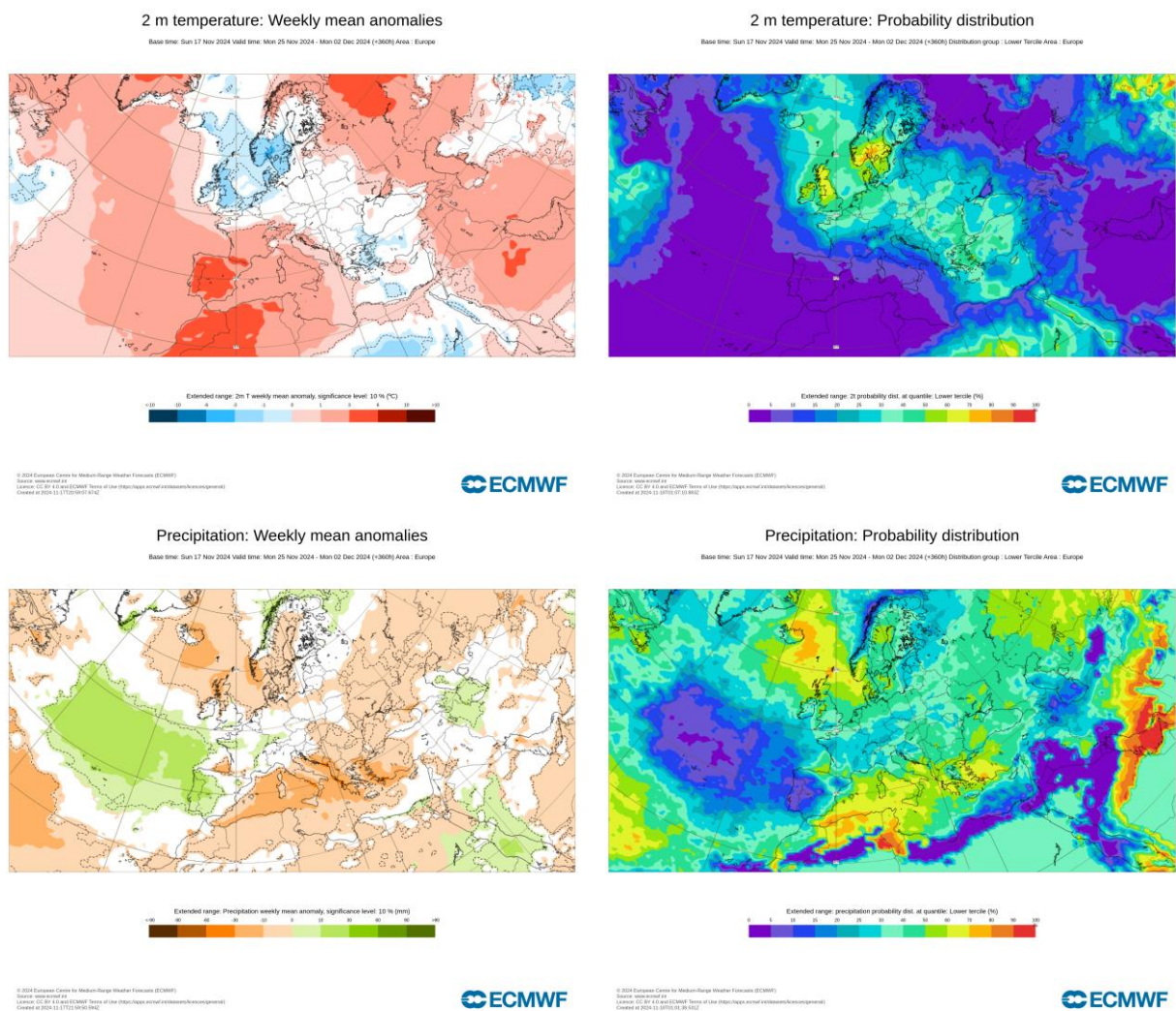


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

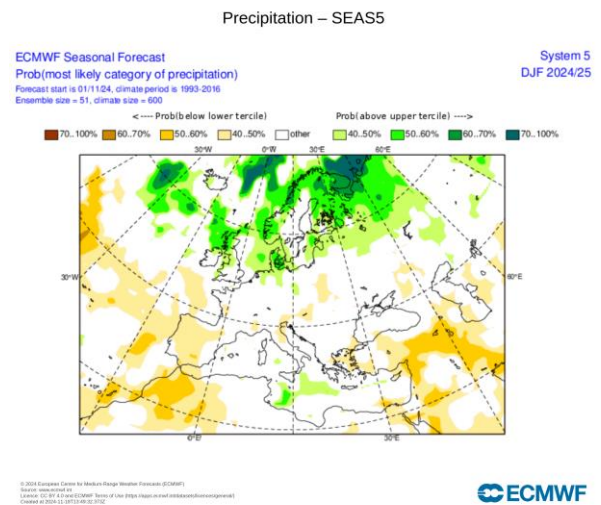
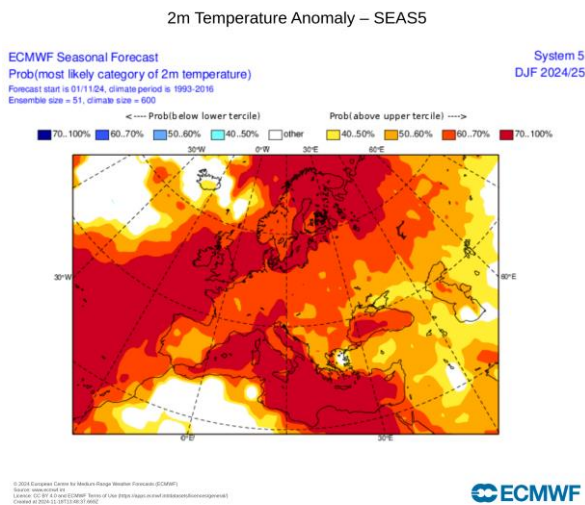


**Figure 3.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 18.11–24.11.2024 period (source: European Centre for Medium-Range Weather Forecasts, ECMWF)

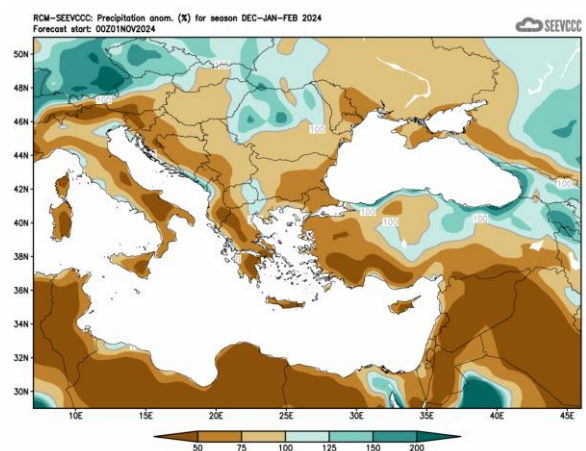
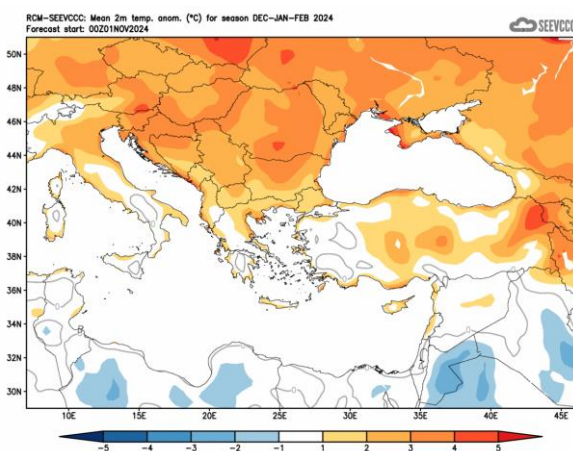




**Figure 4.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 25.11–1.12.2024 period (source: ECMWF)



**Figure 5.** Mean seasonal air temperature and precipitation anomaly probabilities for the season DJF (source: ECMWF)



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