

Topic: **precipitation**

Organization issuing

the statement: SEEVCCC

Issued / Amended / 24-3-2025 16:00  
Cancelled

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Valid from – to: 24-3-2025 – 30-6-2025 Next amendment: 31-3-2025

Region of concern: **Balkans, Romania, Moldova, Ukraine, Turkey and South Caucasus**

„ Within the first week (17 to 23 March 2025), ECMWF monthly forecast predicts precipitation surplus in the Balkans, Romania, Moldova and Ukraine, with up to 90% probability for exceeding upper tercile. Precipitation deficit is forecasted for South Caucasus, central, northern and eastern Turkey, with up to 90% probability for exceeding lower tercile. “

## Monitoring

During the period from 16 to 22 March 2025, observed weekly precipitation sums were up to 75 mm in eastern Turkey and South Caucasus, while in rest of the region weekly precipitation totals were below 25 mm.

## **Outlook**

Within the first week (24 to 30 March 2025), ECMWF monthly forecast predicts above normal mean weekly air temperature in almost the entire SEACOF region, with anomaly up to +10°C in eastern Ukraine, central and southern Turkey. Probability for exceeding upper decile (top ten of the highest temperature) is up to 90% in the southern and eastern Balkans, Cyprus, Turkey, Romania, Moldova, Ukraine, Georgia and Middle East. Precipitation surplus is expected in the Balkans, Romania, Moldova and Ukraine, with up to 90% probability for exceeding upper tercile (top third of the highest precipitation). Precipitation deficit is forecasted for South Caucasus, central, northern and eastern Turkey, with up to 90% probability for exceeding lower tercile (bottom third of the lowest precipitation).

During the second week (31 March to 6 April 2025), above average mean weekly air temperature is expected in the eastern Balkans, Turkey, Romania, Moldova, Ukraine, South Caucasus and some parts of Middle East, with anomaly up to +6°C in Ukraine, Turkey and South Caucasus. Probability for exceeding upper tercile (upper third of the highest temperature) is up to 90% in southern and eastern Ukraine, eastern Turkey and south Caucasus. Precipitation surplus is forecasted for the Balkans, Romania and eastern Turkey, with up to 80% probability for exceeding upper tercile (top third of the highest precipitation) in the southern Balkans.

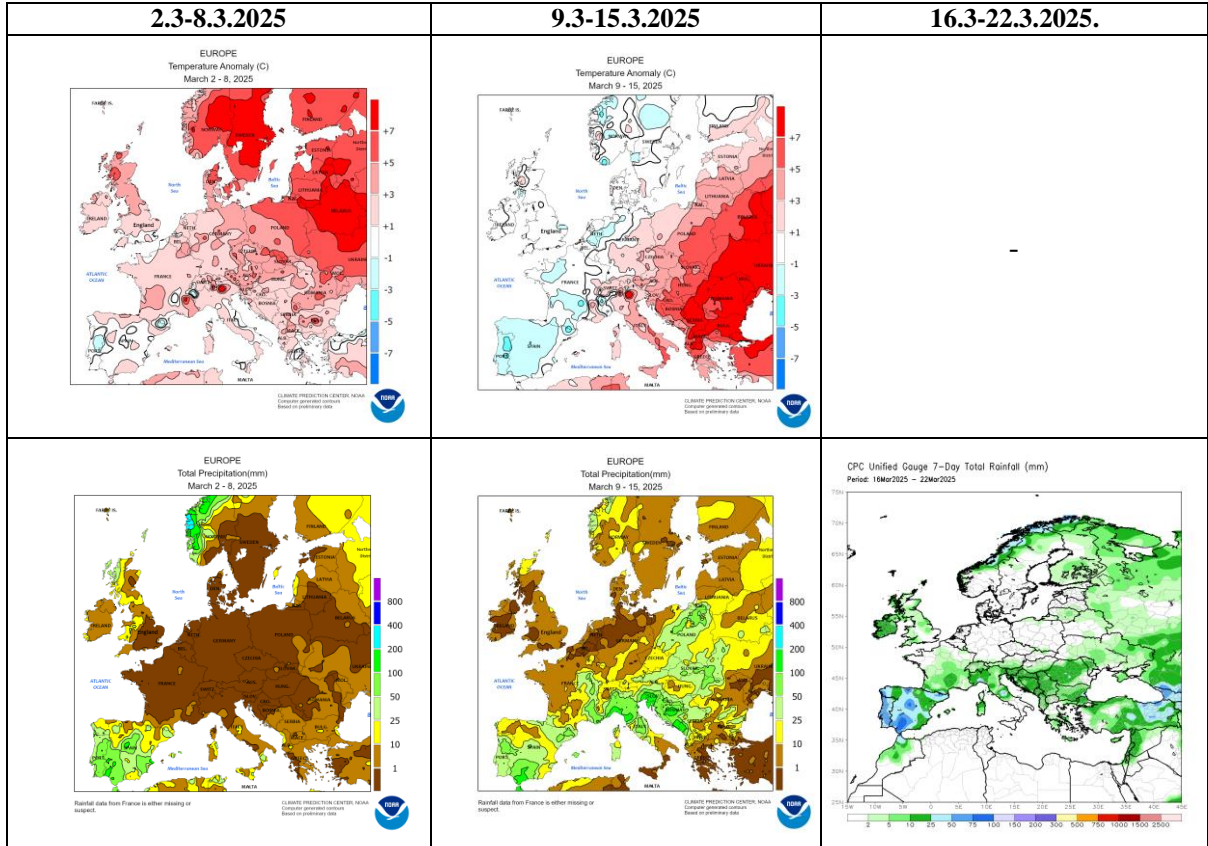
During the following three months (April, May and June), seasonal forecast predicts above average seasonal air temperature in the entire SEECOF region. Precipitation surplus is expected in Carpathian Mountains and scattered locations in the central Balkans, while deficit is forecasted for western Turkey, eastern Balkans and part of eastern Ukraine.

## **Update**

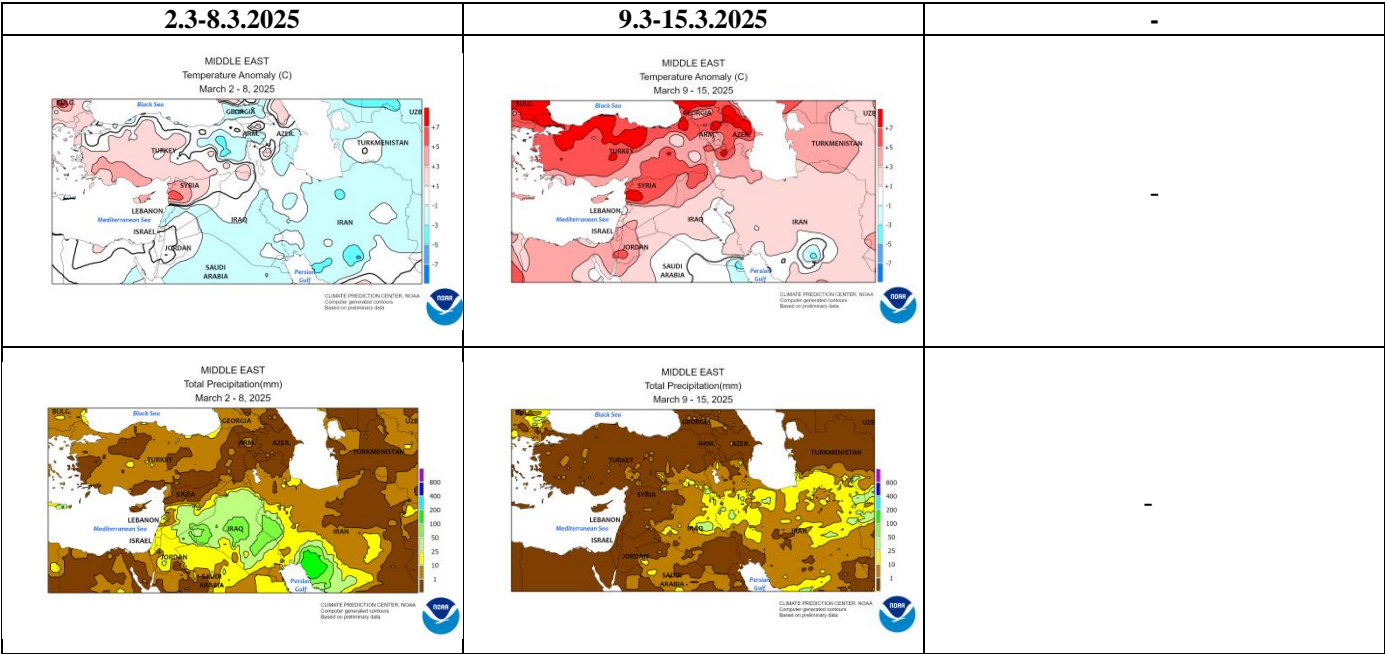
An updated statement will be issued on 31-3-2025

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

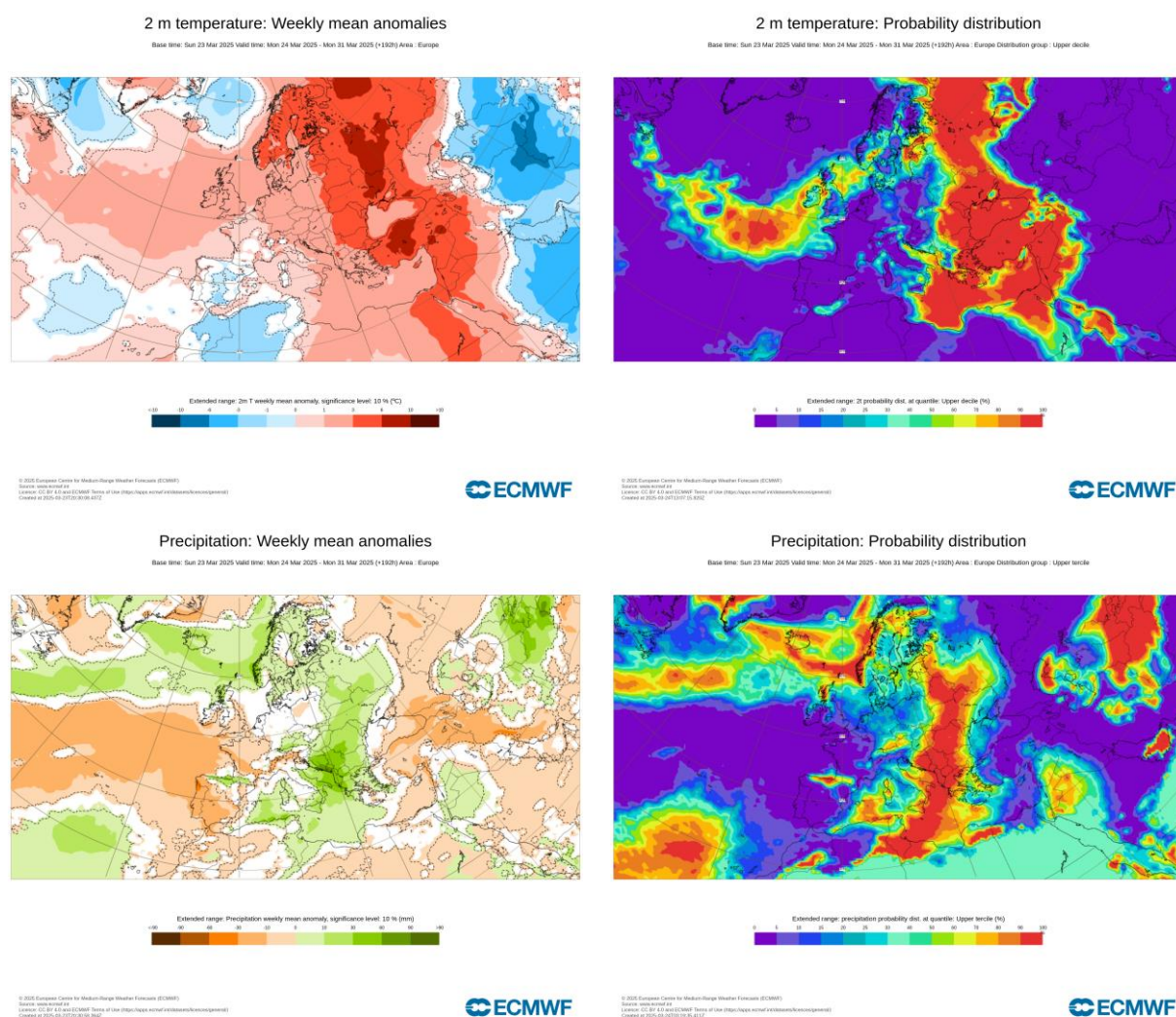
ANNEX



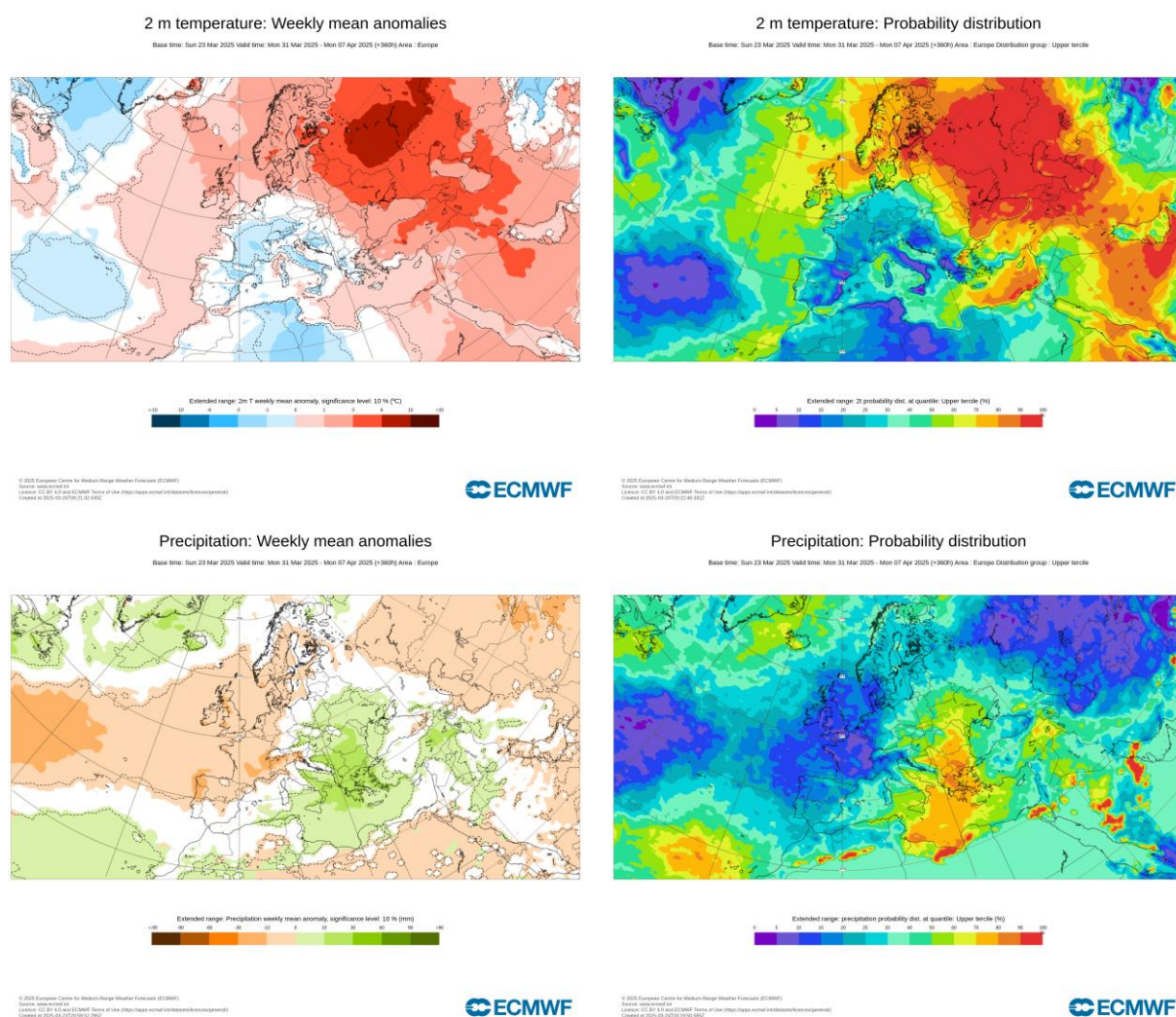
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



**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 upper decile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 24.3–30.3.2025 period (source: European Centre for Medium-Range Weather Forecasts, ECMWF)



**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 upper tercile (lower row) for the 31.3–6.4.2025 period (source: ECMWF)

## 2m Temperature Anomaly – SEAS5

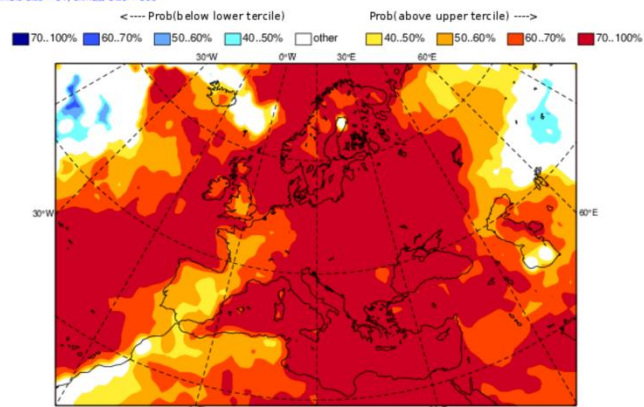
ECMWF Seasonal Forecast

Prob(most likely category of 2m temperature)

Forecast start is 01/03/25, climate period is 1993-2016

Ensemble size = 51, climate size = 600

System 5  
AMJ 2025



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Created at 2025-03-07 12:00:00 UTC

ECMWF

## Precipitation – SEAS5

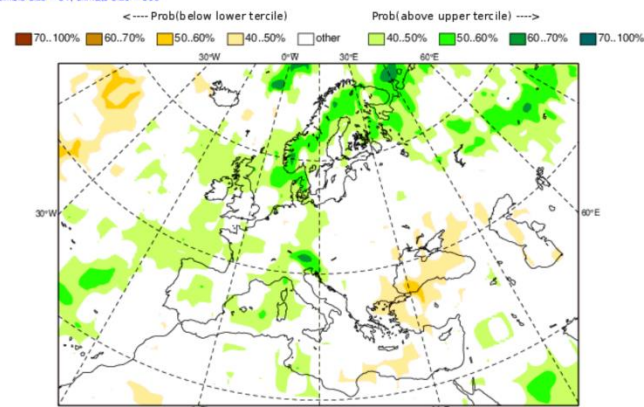
ECMWF Seasonal Forecast

Prob(most likely category of precipitation)

Forecast start is 01/03/25, climate period is 1993-2016

Ensemble size = 51, climate size = 600

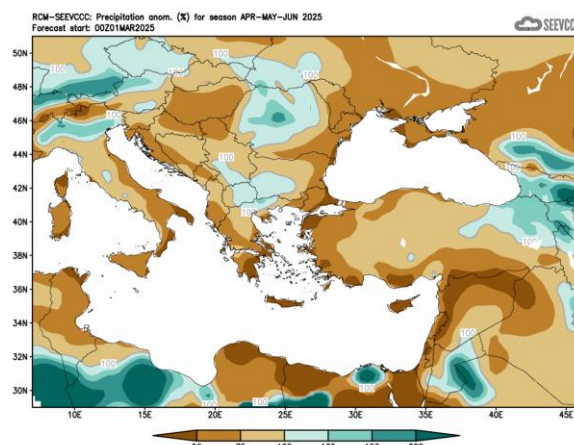
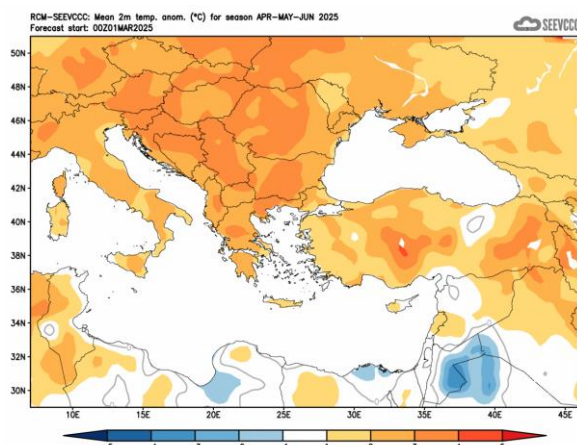
System 5  
AMJ 2025



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Created at 2025-03-07 12:00:00 UTC

ECMWF

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



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