Climate Watch (Serial No.: 20250512-19)

Initial/Updated/Final

Topic: **temperature** and **precipitation**
Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled: 12-5-2025 16:00

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Valid from – to: 12-5-2025 – 31-8-2025 Next amendment: 19-5-2025

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

„ Within the first week (5 to 11 May 2025), ECMWF monthly forecast predicts below normal mean weekly air temperature with anomaly in a range from up to -3°C in the western and southern Balkans, most of Turkey and Georgia up to -6°C in rest of the Balkans, Romania, Moldova and Ukraine. Probability for exceeding lower tercile (bottom third of the lowest temperature) is over 90%. Precipitation surplus is expected in the southern Balkans, South Caucasus and eastern Turkey with around 90% probability for exceeding upper tercile (top third of the highest precipitation). “

Monitoring

During the period from 4 to 10 May 2025, observed weekly precipitation sums were around 50 mm in the western and northern Balkans, most of Romania, northern Moldova, central Ukraine and southeastern Bulgaria, while in rest of the region weekly precipitation totals were below 25 mm.

Outlook

Within the first week (12 to 18 May 2025), ECMWF monthly forecast predicts below normal mean weekly air temperature with anomaly in a range from up to -3°C in the western and southern Balkans, most of Turkey and Georgia up to -6°C in rest of the Balkans, Romania, Moldova and Ukraine. Probability for exceeding lower tercile (bottom third of the lowest temperature) is over 90%. Precipitation surplus is expected in the southern Balkans, South Caucasus and eastern Turkey with around 90% probability for exceeding upper tercile (top third of the highest precipitation). Precipitation deficit is forecasted for the western and northern Balkans, with around 70% probability for exceeding lower tercile (bottom third of the lowest precipitation).

During the second week (19 to 25 May 2025), below average mean weekly air temperature is forecasted for the Balkans, Moldova, Romania, part of northern and western Turkey and most of Ukraine with anomaly up to -3°C, while in part of northern Ukraine temperature anomaly is even up to -6°C. Probability for exceeding lower tercile (bottom third of the lowest temperature) is in a range from around 70 in the Balkans up to around 80% elsewhere. Temperature above normal is predicted for southern Armenia and southeastern Turkey, with anomaly up to +3°C and probability around 80% for exceeding upper tercile (top third of the highest temperature). Precipitation deficit is expected in most of Turkey, Azerbaijan and Armenia, with around 70% probability for exceeding lower tercile (bottom third of the lowest precipitation).

During the following three months (June, July and August), seasonal forecast predicts above average seasonal air temperature in the entire SEE region. Precipitation deficit is forecasted for Turkey, the Balkans, Armenia and parts of Azerbaijan, Romania and Moldova.

Update

An updated statement will be issued on 19-5-2025

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

ANNEX

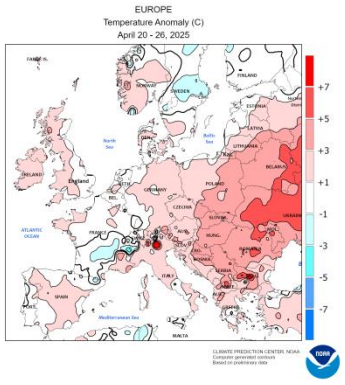
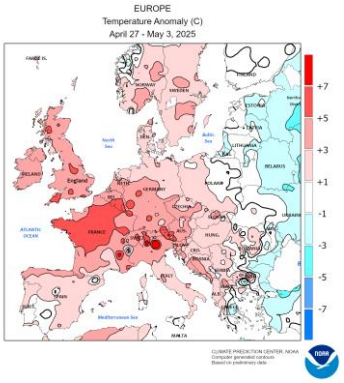
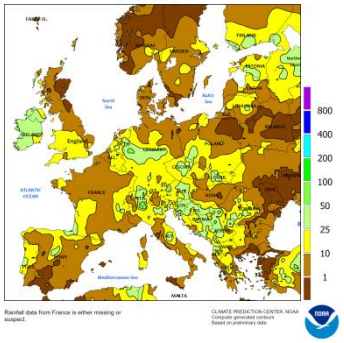
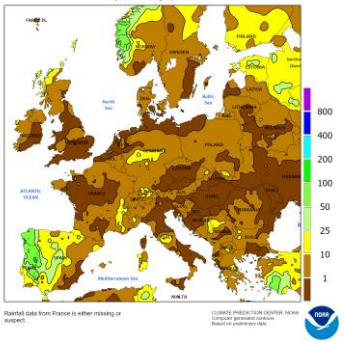
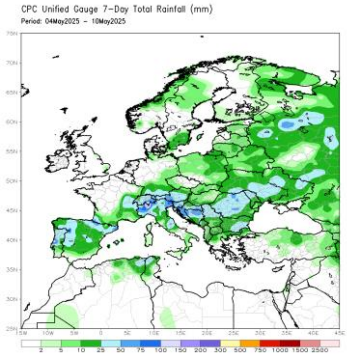
20.4-26.4.2025.	27.4-3.5.2025.	4.5-10.5.2025.
		-
		

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

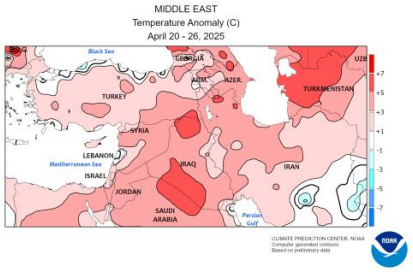
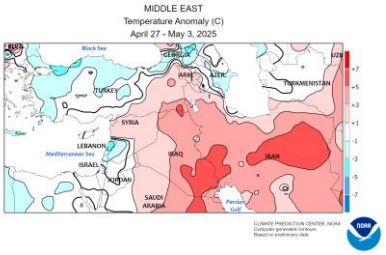
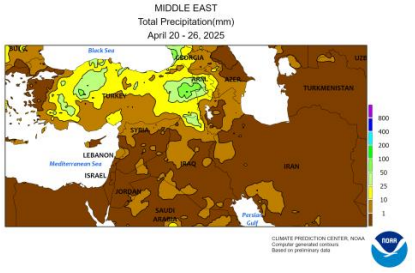
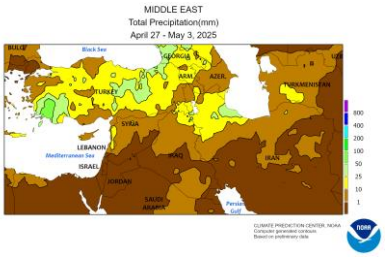
20.4-26.4.2025.	27.4-3.5.2025.	-
		-
		-

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

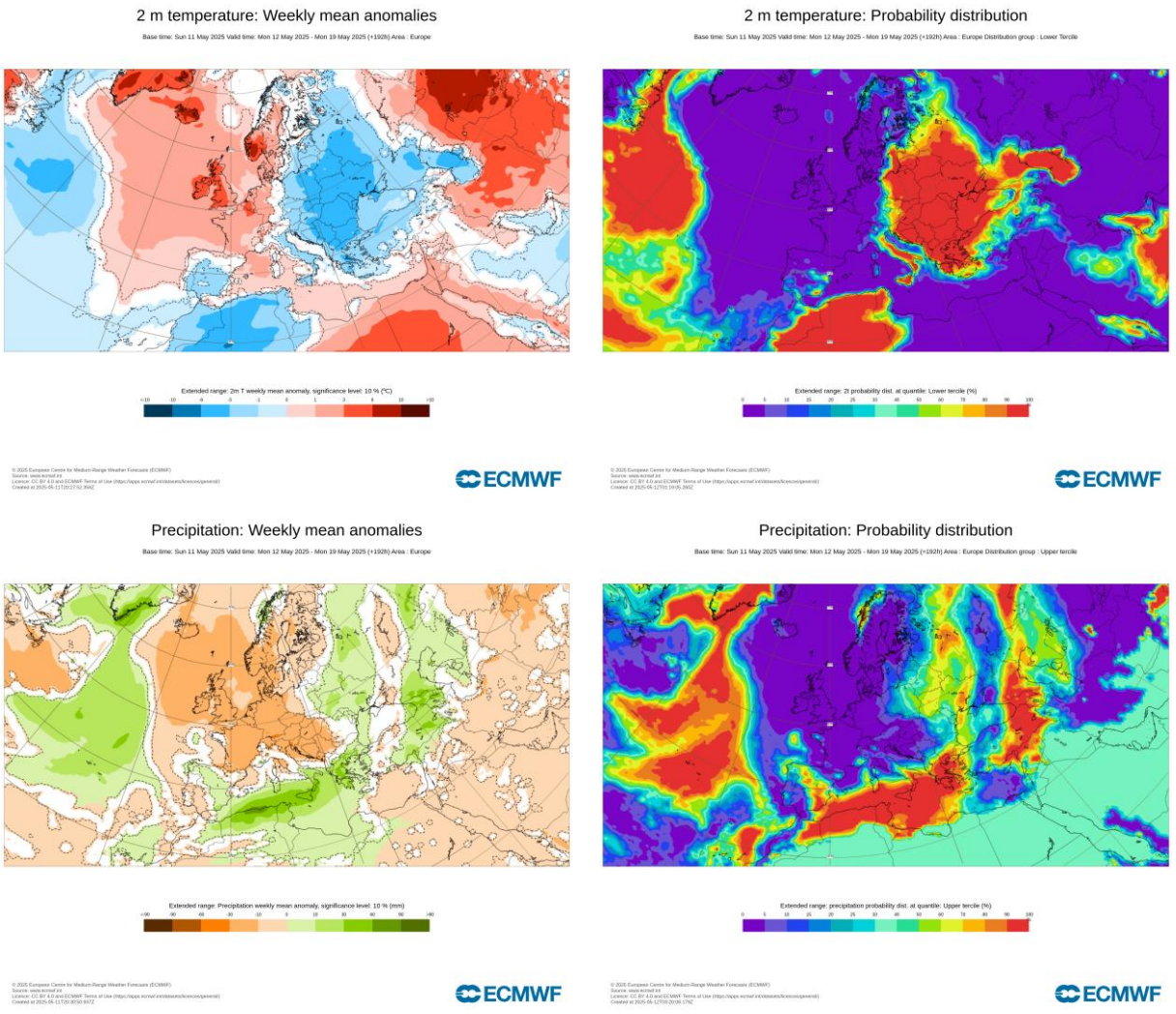


Figure 3. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 12.5–18.5.2025 period (source: European Centre for Medium-Range Weather Forecasts, ECMWF)

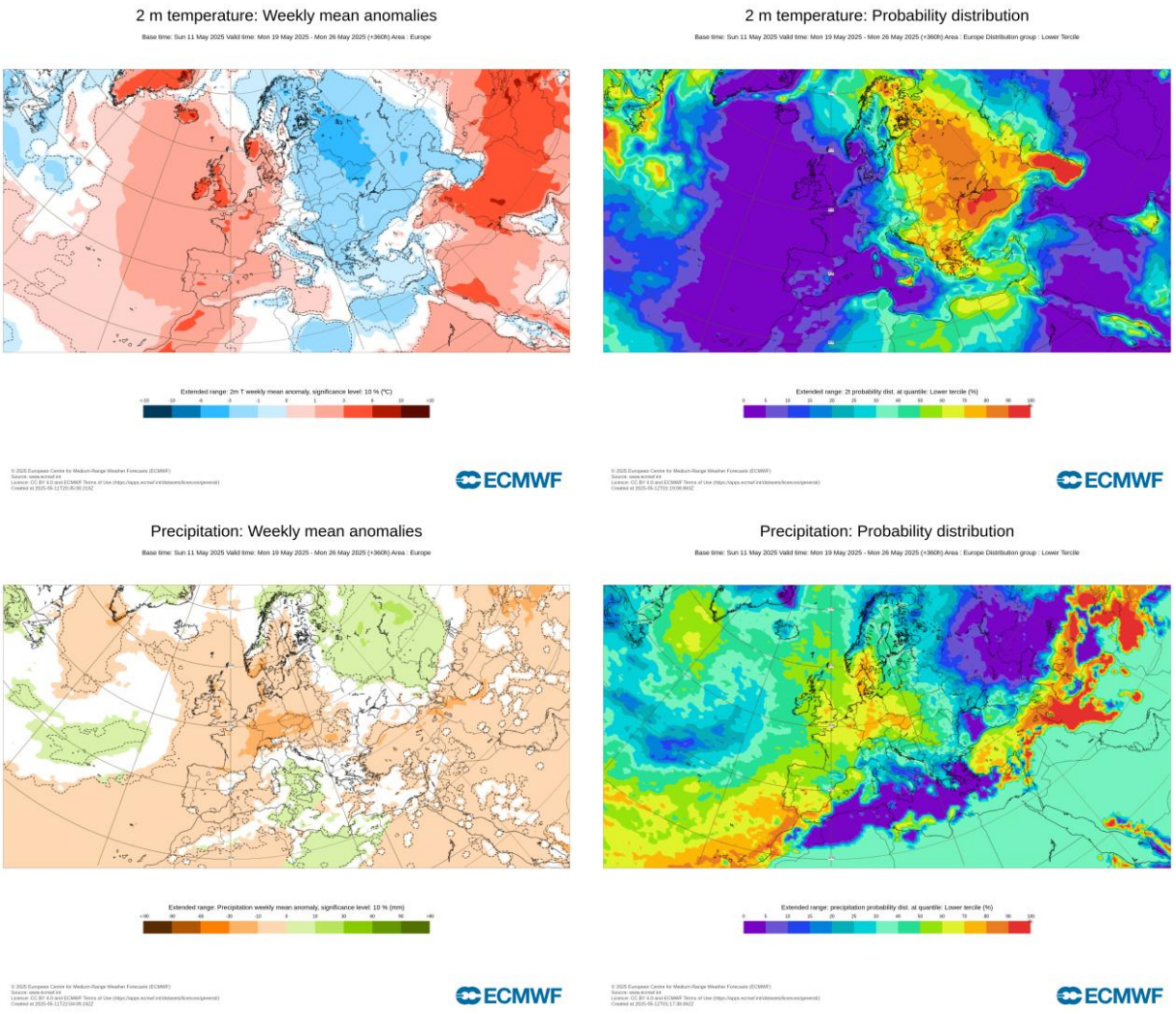


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 19.5–25.5.2025 period (source: ECMWF)

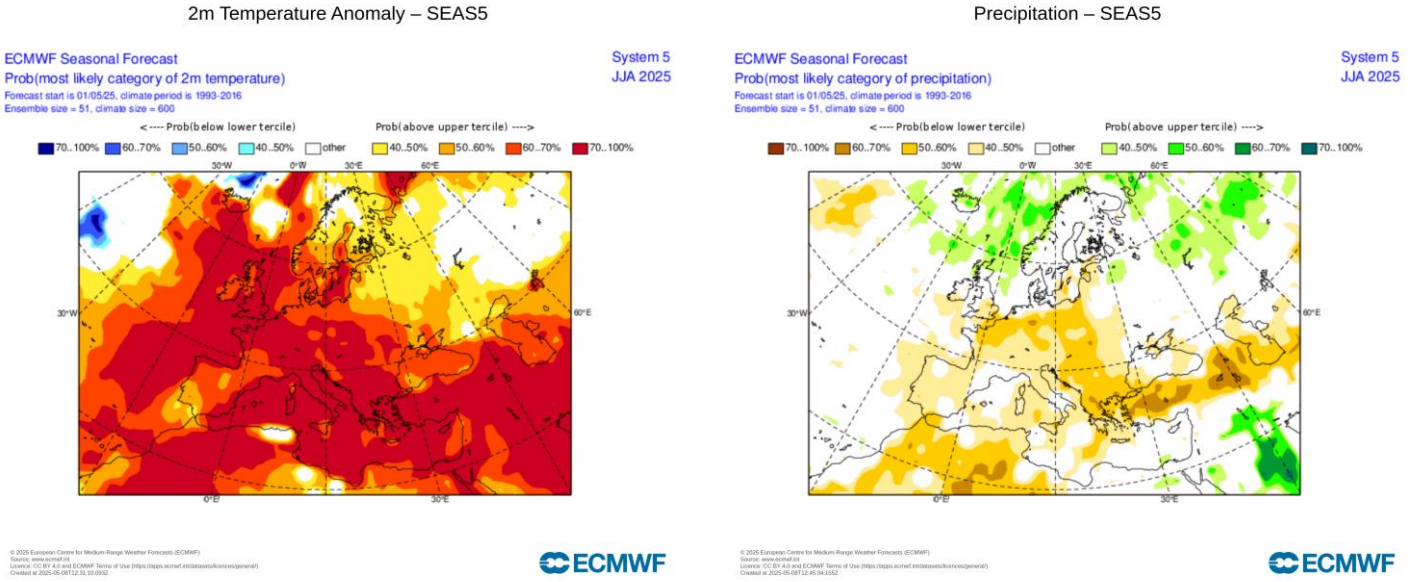


Figure 5. Mean seasonal air temperature and precipitation anomaly probabilities for the season JJA (source: ECMWF)

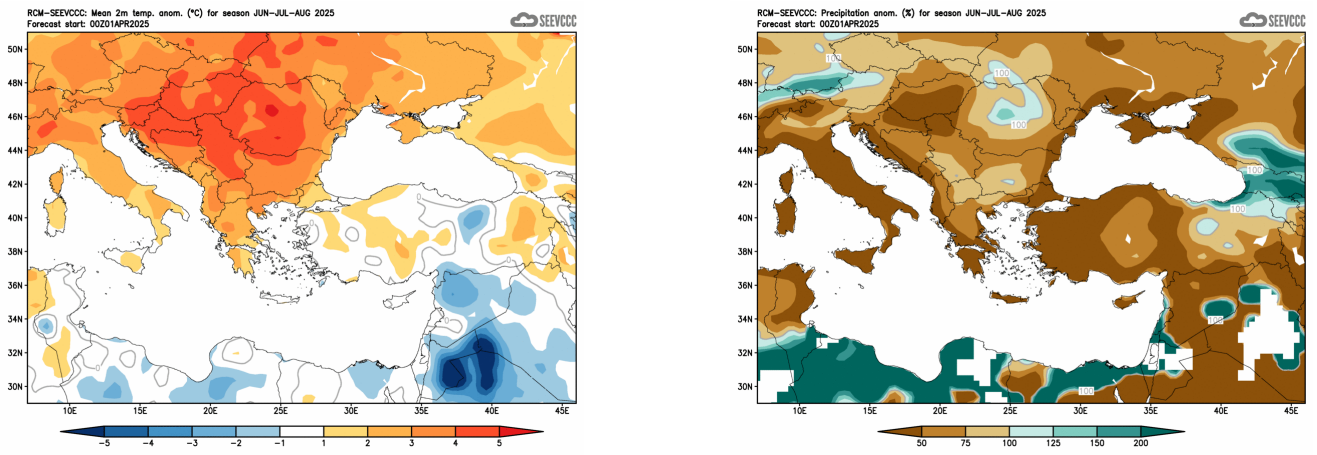


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- South East European Virtual Climate Change Center (www.seevccc.rs)
- European 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)