Climate Watch (Serial No.: 20250908-36)

Initial/Updated/Final

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

Issued/ Amended / Cancelled: 8-9-2025 16:00

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Valid from – to: 8-9-2025 – 31-12-2025 Next amendment: 15-9-2025

Region of concern: **Balkans, Hungary, Romania, Moldova, Ukraine, Turkey, Georgia and Armenia**

„ Within the first week (8 to 14 September 2025), ECMWF monthly forecast predicts above normal mean weekly air temperature in the Balkans, Pannonian Plain, Romania, Moldova, most of Ukraine and western Turkey, with anomaly up to +6°C in the central Balkans. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is expected along the Adriatic Sea coast, Pannonian Plain, central Turkey, Georgia and Armenia, with up to 90% probability for exceeding upper tercile. Precipitation deficit is predicted in southern Greece and western Turkey, with up to 90% probability for exceeding lower tercile. “

Monitoring

During the period from 31 August to 6 September 2025, observed weekly precipitation sums were around 50 mm in the Carpathian Mountains and northeastern Turkey, while in rest of the SEECOF region precipitation totals were below 25 mm.

Outlook

Within the first week (8 to 14 September 2025), ECMWF monthly forecast predicts above normal mean weekly air temperature in the Balkans, Pannonian Plain, Romania, Moldova, most of Ukraine and western Turkey, with anomaly up to +6°C in the central Balkans. Probability for exceeding upper tercile (upper third of the highest temperature) is up to 90%. Below normal mean weekly air temperature is forecasted for central Turkey, with anomaly up to –3°C and up to 80% probability for exceeding lower tercile (bottom third of the lowest temperature). Precipitation surplus is expected along the Adriatic Sea coast, Pannonian Plain, central Turkey, Georgia and Armenia, with up to 90% probability for exceeding upper tercile (upper third of the highest precipitation). Precipitation deficit is predicted in southern Greece and western Turkey, with up to 90% probability for exceeding lower tercile (bottom third of the lowest precipitation).

During the second week (15 to 21 September 2025), above normal mean weekly air temperature is expected in Romania, Ukraine, Cyprus, southwestern and southeastern Turkey, with anomaly up to +3°C, and around 70% probability for exceeding upper tercile (upper third of the highest temperature). Precipitation deficit is forecasted along the Adriatic and Ionian Sea coasts, southern Ukraine and western Turkey, with up to 70% probability for exceeding lower tercile (bottom third of the lowest precipitation).

During the following three months (October, November and December), seasonal forecast predicts above average seasonal air temperature in most of the SEECOF region, with probability for the upper tercile in a range from around 50% in the northwestern Balkans, Pannonian Plain and South Caucasus, up to 70% in the eastern Mediterranean Sea. Precipitation deficit is forecasted for southeastern Turkey and Middle East, with around 60% probability for lower tercile.

Update

An updated statement will be issued on 15-9-2025

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

ANNEX

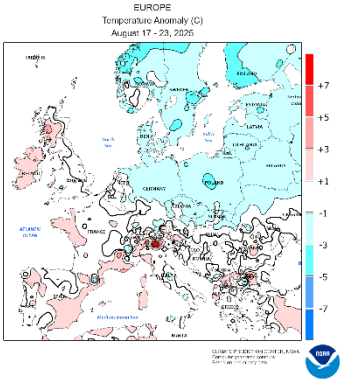
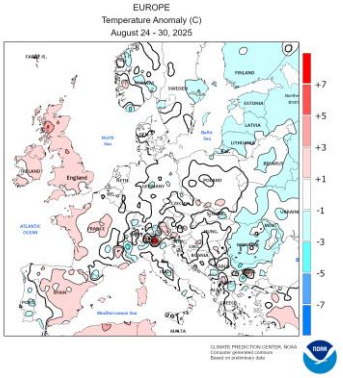
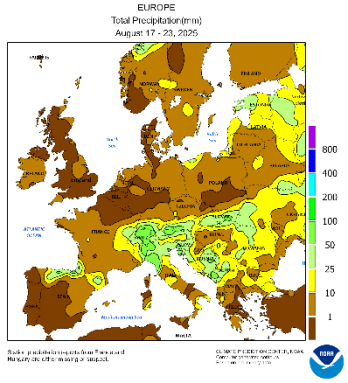
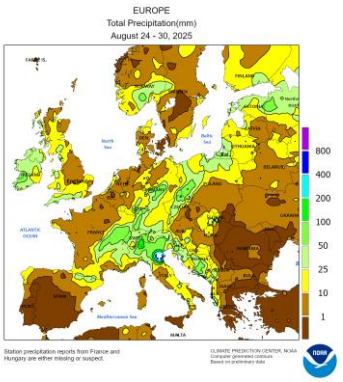
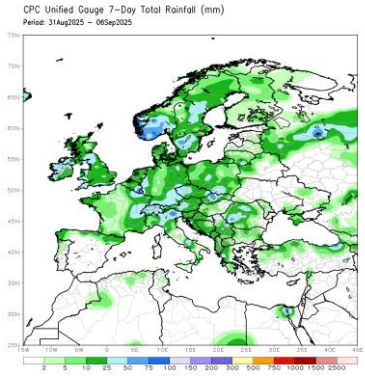
17.8-23.8.2025	24.8-30.8.2025	31.8-6.9.2025
		-
		

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

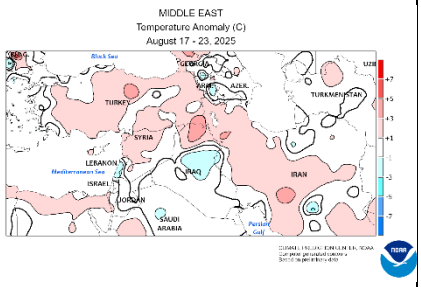
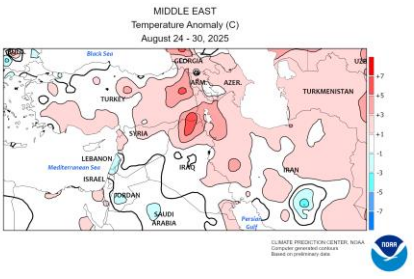
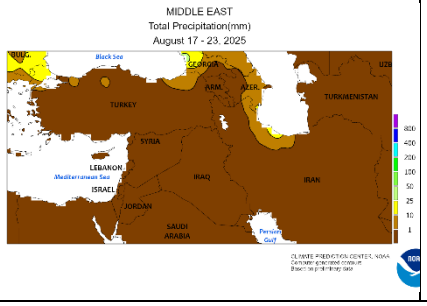
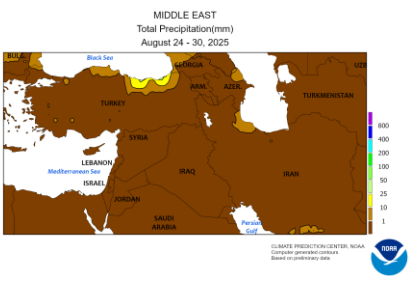
17.8-23.8.2025	24.8-30.8.2025	-
		-
		-

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

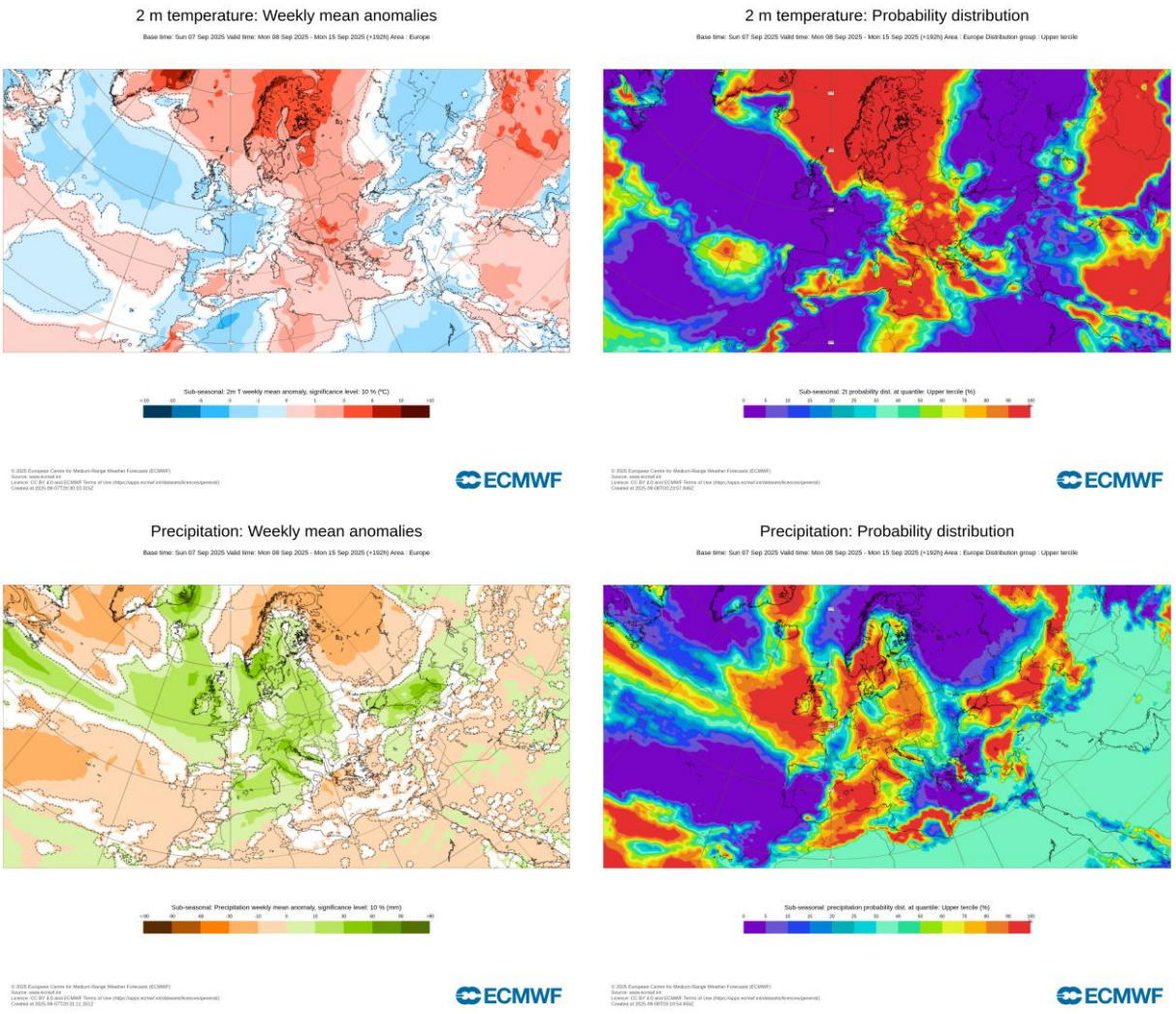


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 8.9–14.9.2025 period (source: European Centre for Medium-Range Weather Forecasts, ECMWF)

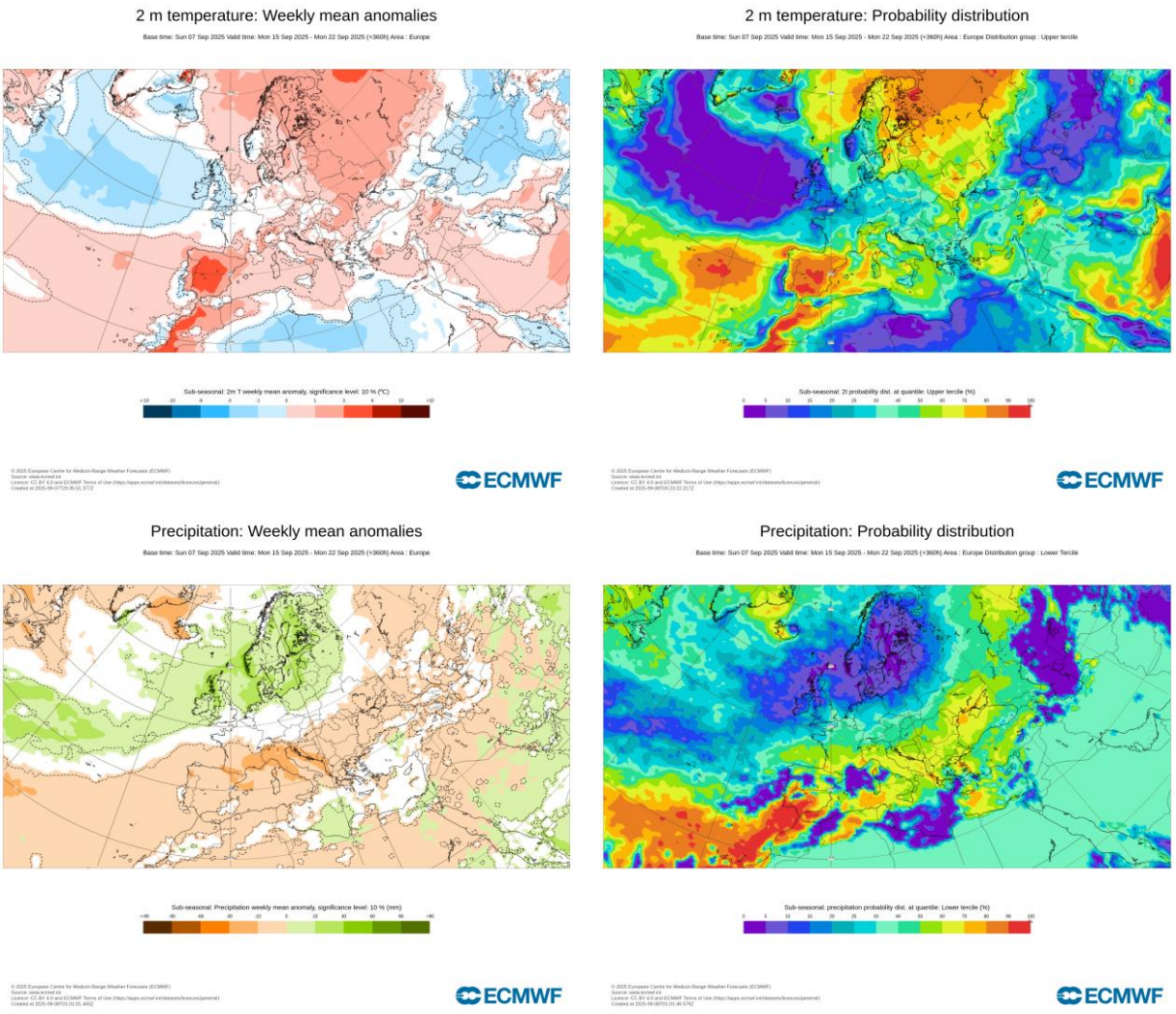
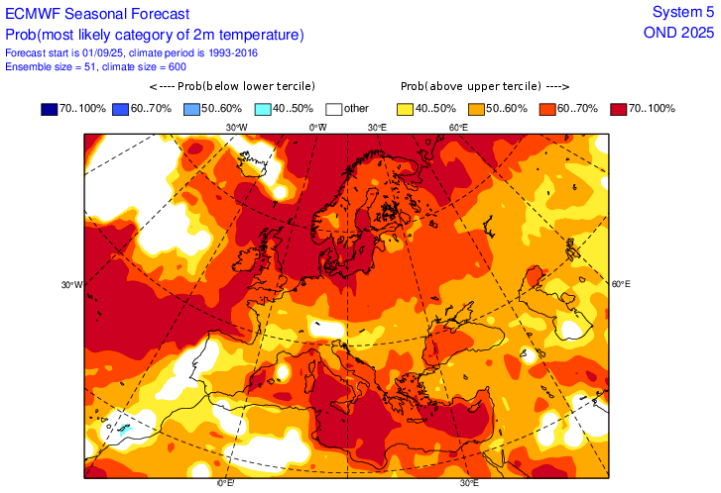


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 15.9-21.9.2025 period (source: ECMWF)



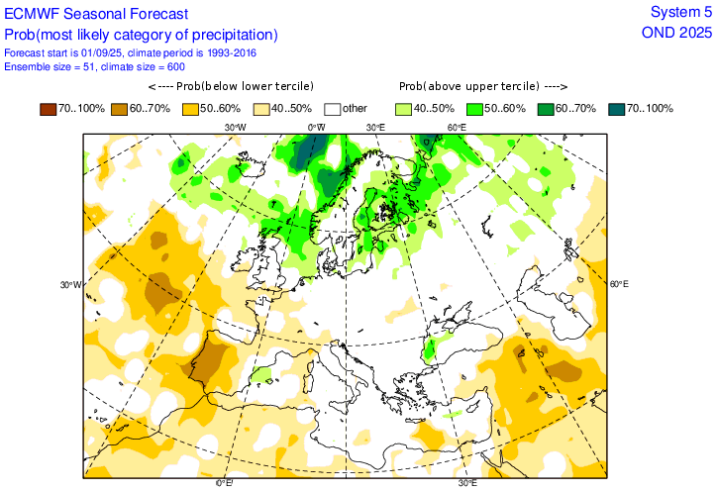
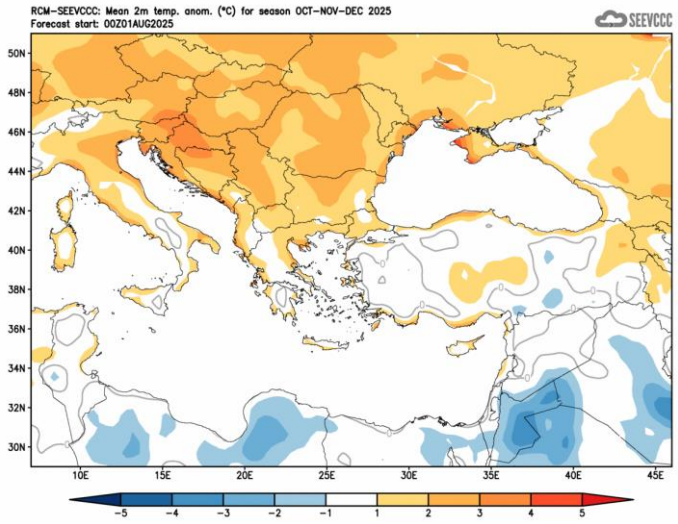


Figure 5. Mean seasonal air temperature and precipitation anomaly probabilities for the season OND (source: ECMWF)



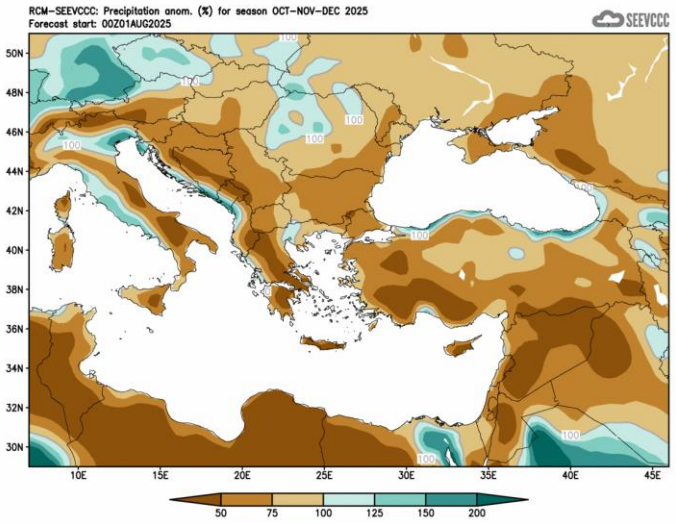


Figure 6. Mean seasonal temperature and precipitation anomaly for the season OND (seasonal outlook from RCM – SEEVCCC)

Sources

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