

Climate Watch (Serial No.: 20250203-5)

Initial/Updated/Final

Topic: **temperature and precipitation**

Organization issuing
the statement: SEEVCCC

Issued/ Amended /
Cancelled 3-2-2025 16:00

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Valid from – to: 3-2-2025 – 30-4-2025 Next amendment: 10-2-2025

Region of concern: **the Balkans, Romania, Moldova, Turkey, Ukraine and Middle East**

„ Within the first week (3 to 9 February 2025), ECMWF monthly forecast predicts below normal mean weekly air temperature in the area of Aegean and Black Sea, with anomaly up to -3°C and probability up to 90% for exceeding lower tercile. Precipitation deficit is forecasted the central and eastern Balkans, Carpathian Mountains, western Turkey and Ukraine, with up to 90% probability for exceeding lower tercile. Precipitation surplus is expected in parts of southern Balkans, northern and central Turkey and Middle East, with up to 90% probability for exceeding upper tercile. During the second week (10 to 16 February 2025), precipitation deficit is expected in most parts of the region, but with up to 90% probability for exceeding lower tercile in Romania, Moldova and Ukraine. “

Monitoring

During the period from 26 January to 1 February 2025, observed weekly precipitation sums were up to 25 mm in most of the SEE region. In some parts of the southern, southwestern and western Balkans precipitation totals were up to 100 mm.

Outlook

Within the first week (3 to 9 February 2025), ECMWF monthly forecast predicts above normal mean weekly air temperature in southeastern Turkey and Armenia, with anomaly up to +6°C and probability up to 90% for exceeding upper tercile (top third of the highest temperature). Below normal mean weekly air temperature is expected in the area of Aegean and Black Sea, with anomaly up to -3°C and probability up to 90% for exceeding lower tercile (bottom third of the lowest temperature). Precipitation deficit is forecasted the central and eastern Balkans, Carpathian Mountains, western Turkey and Ukraine, with up to 90% probability for exceeding lower tercile (bottom third of the lowest precipitation). Precipitation surplus is expected in parts of southern Balkans, northern and central Turkey and Middle East, with up to 90% probability for exceeding upper tercile (top third of the highest precipitation).

During the second week (10 to 16 February 2025), below average mean weekly air temperature, with anomaly up to -3°C, is forecasted for parts of southern Balkans, central and northern Turkey, southern Ukraine and Moldova. Probability for exceeding lower tercile (bottom third of the lowest temperature) is up to 70%. Precipitation deficit is expected in most parts of the region, but with up to 90% probability for exceeding lower tercile (bottom third of the lowest precipitation) in Romania, Moldova and Ukraine.

During the following three months (February, March and April), seasonal forecast predicts above average seasonal air temperature in most of the SEECOF region, beside some parts of South Caucasus. Precipitation surplus is expected in Azerbaijan, while deficit is forecasted for the Balkans, western and southern Turkey, most of Romania, Moldova and part of southern Ukraine.

Update

An updated statement will be issued on 10-2-2025

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

ANNEX

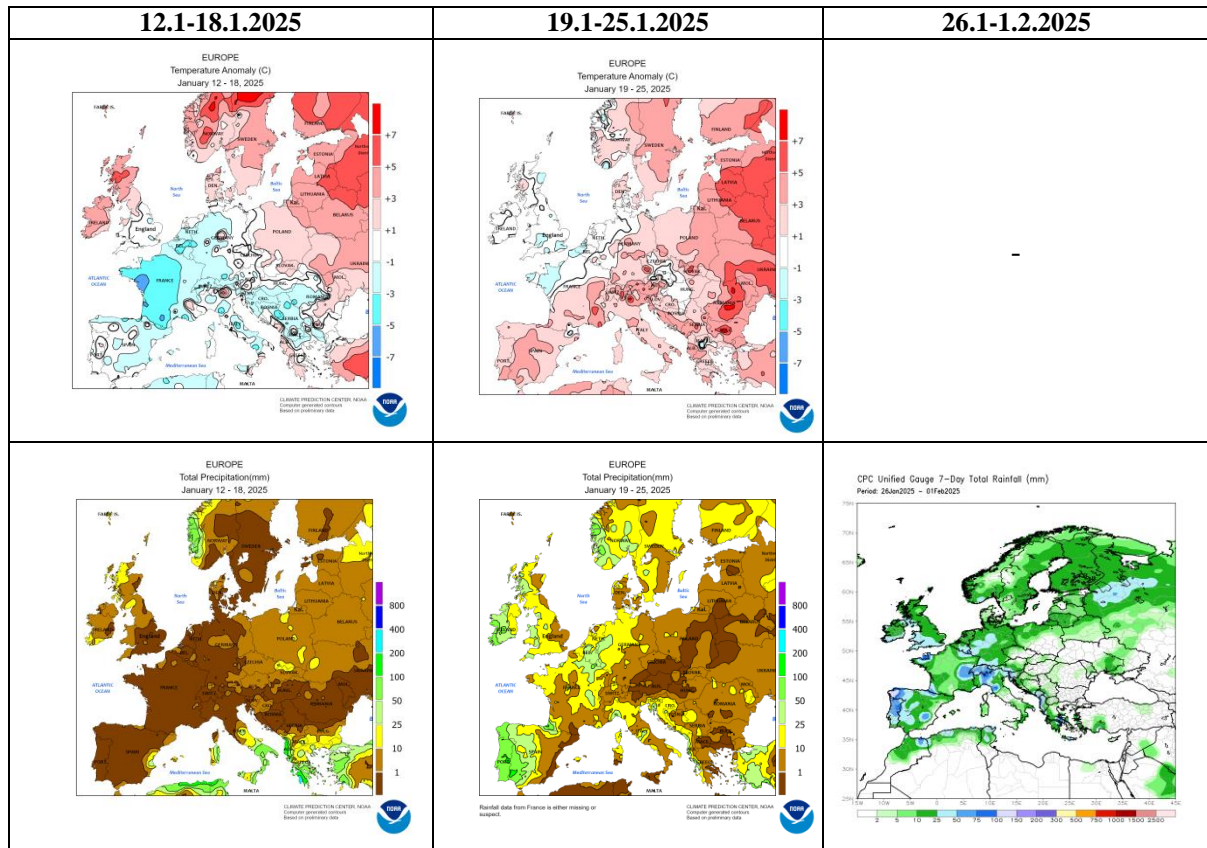


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

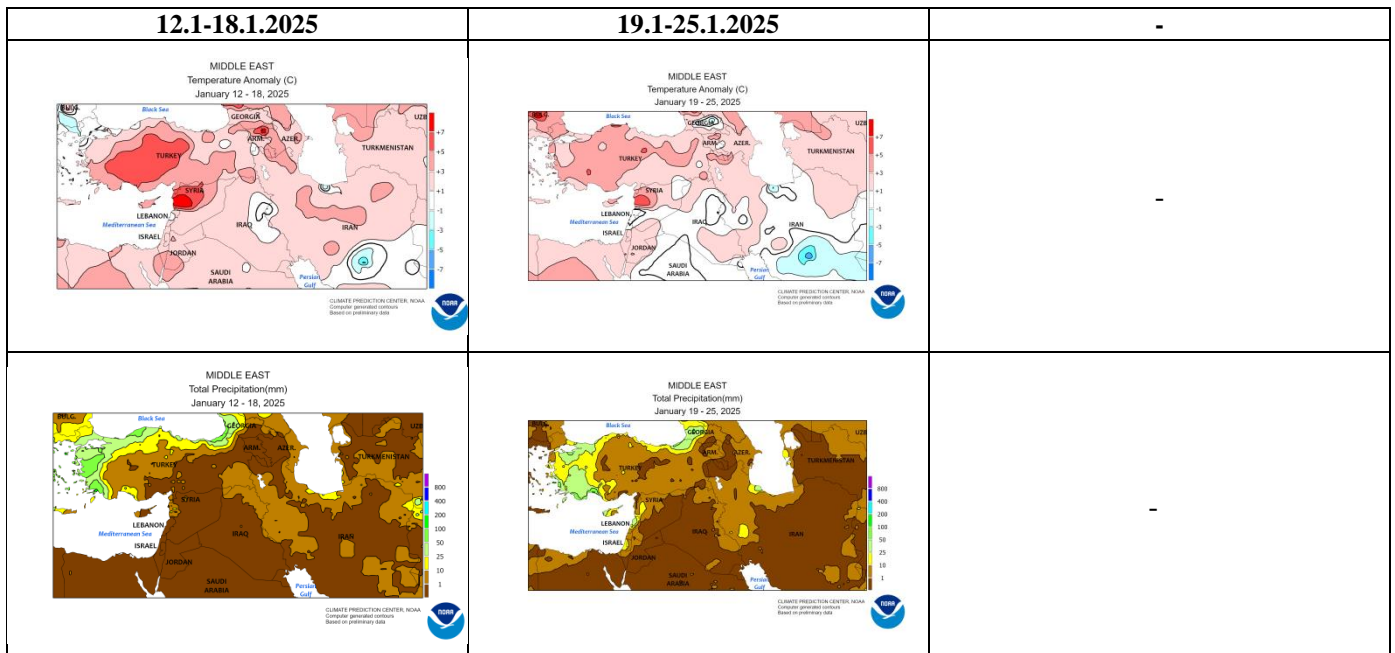


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

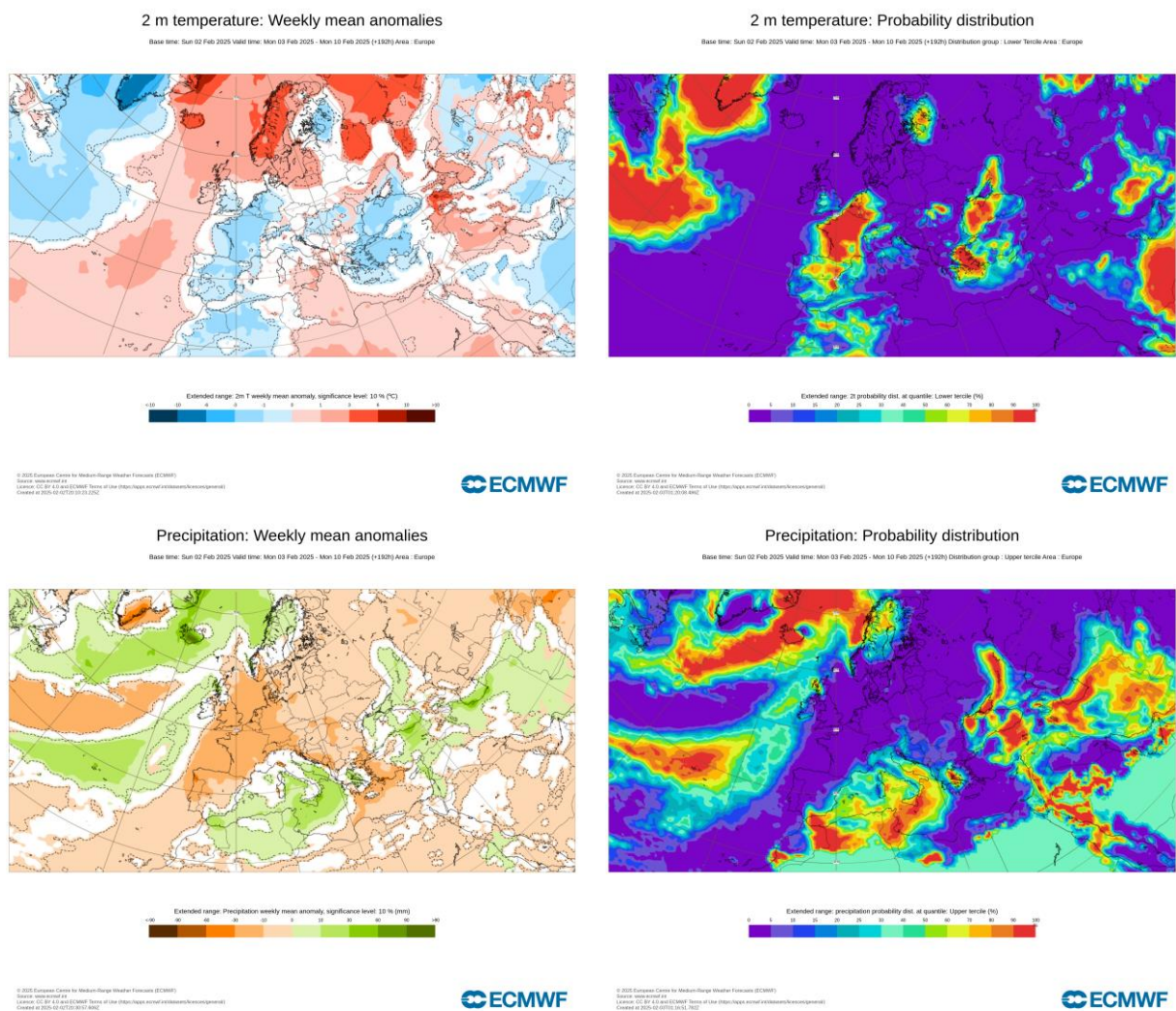


Figure 3. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 3.2–9.2.2025 period (source: European Centre for Medium-Range Weather Forecasts, ECMWF)

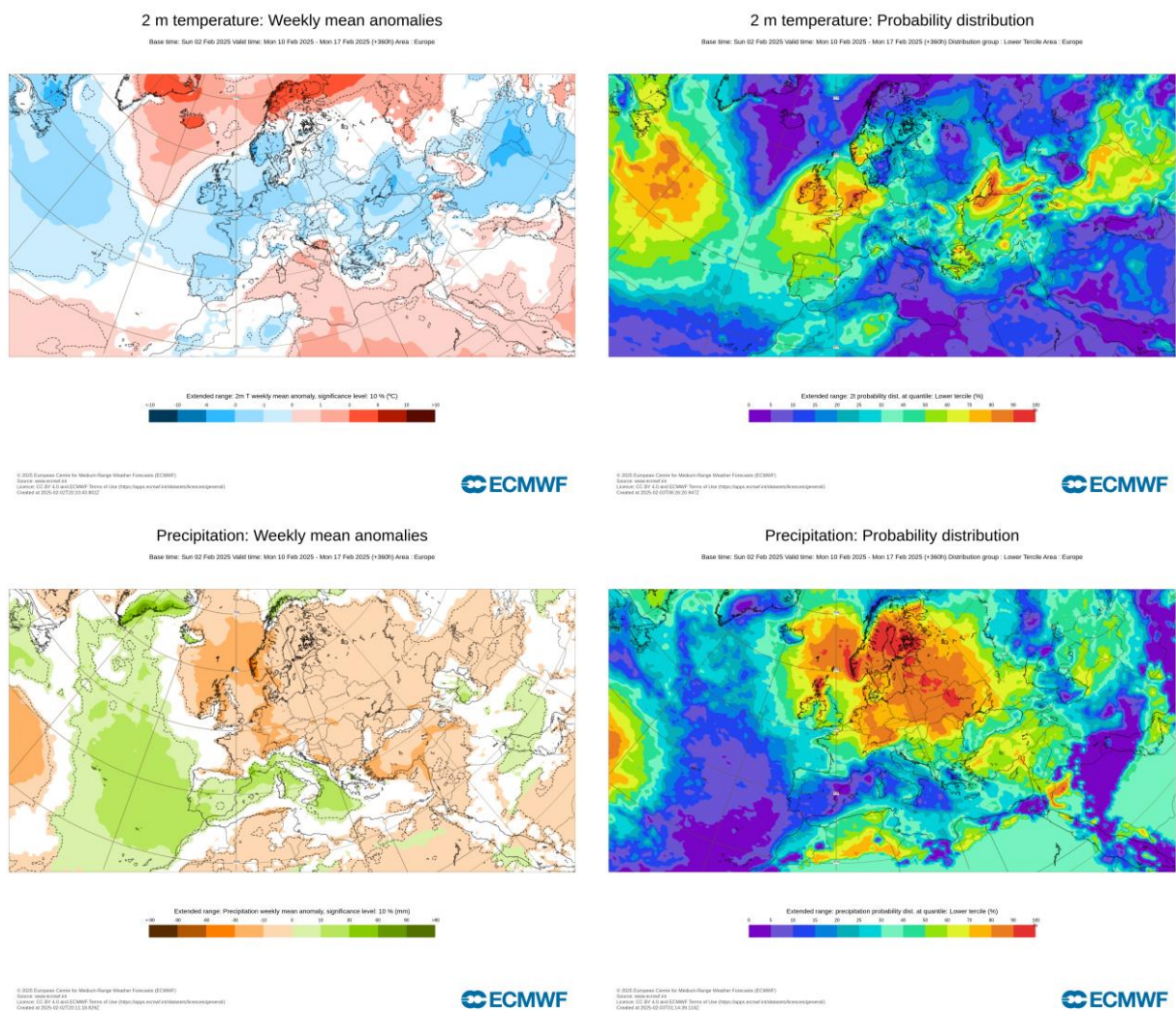


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 10.2–16.2.2025 period (source: ECMWF)

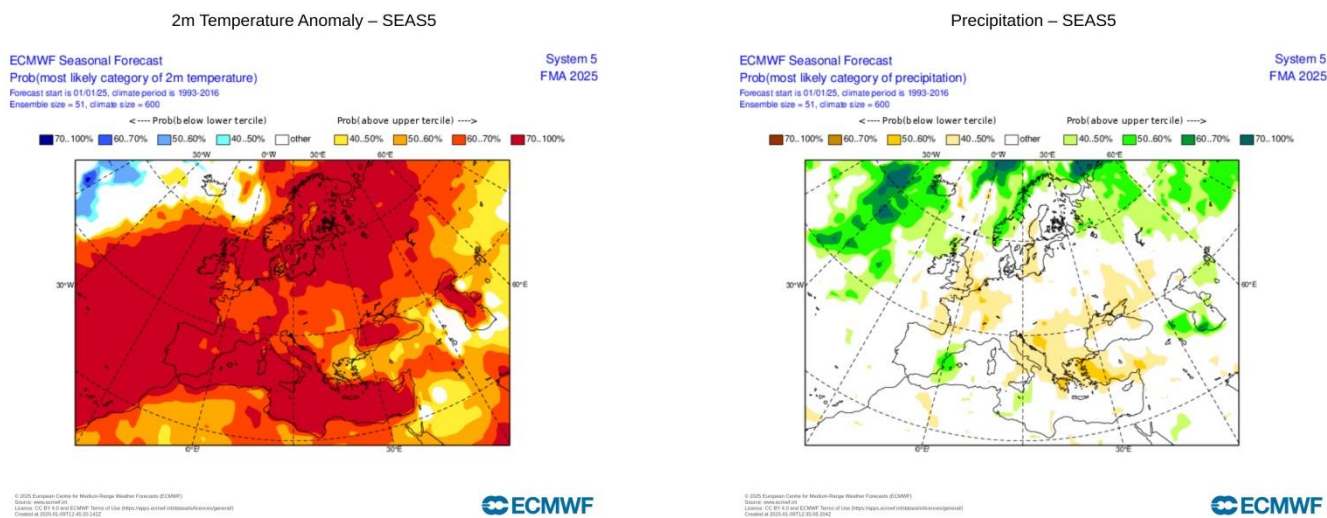


Figure 5. Mean seasonal air temperature and precipitation anomaly probabilities for the season FMA (source: ECMWF)

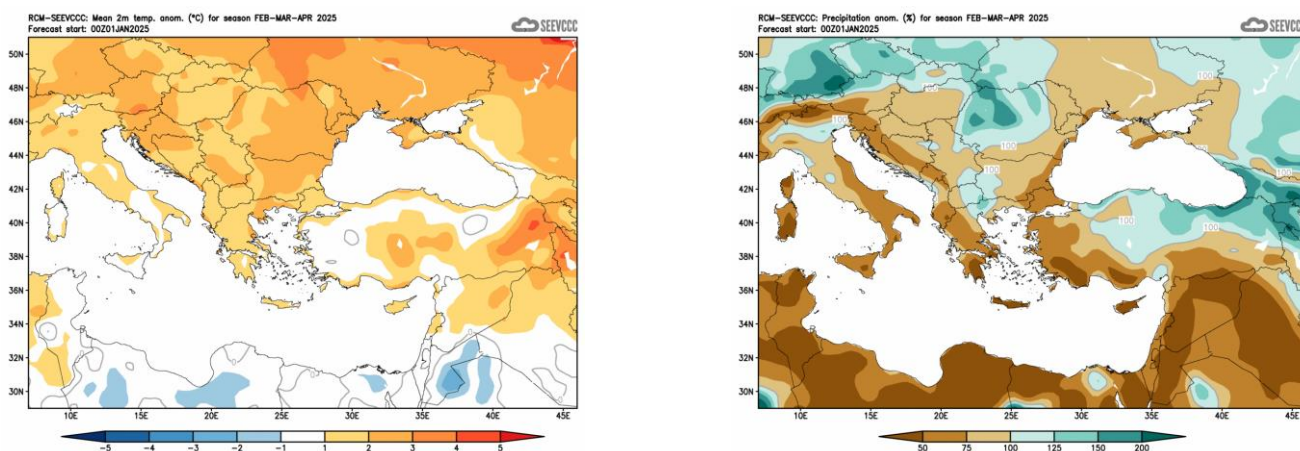


Figure 6. Mean seasonal temperature and precipitation anomaly for the season FMA (seasonal outlook from RCM – SEEVCCC)

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>)