

Climate Watch (Serial No.: 20231120–46)

Initial/Updated/Final

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

Issued/ Amended /
Cancelled 20-11-2023 16:00 P.M.

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Valid from – to: 20-11-2023 – 31-1-2024 Next amendment: 27-11-2023

Region of concern: **the Balkans, Turkey, South Caucasus**

„ Within the first week (20 to 26 November 2023) precipitation surplus is expected in part of central and northern Balkans, coastal part of western Turkey, as well as in eastern Turkey and South Caucasus, with around 90% probability for exceeding upper tercile (top third of the highest precipitation). “

Monitoring

During the period from 12 to 18 November 2023, weekly precipitation sums were up to 100 mm in some locations in eastern and western Romania and western Turkey, and up to 50 mm in most of the region.

Outlook

Within the first week (20 to 26 November 2023), ECMWF monthly forecast predicts above average mean weekly air temperature in the southern and eastern Balkans, western and northern Turkey, with anomaly up to +3°C. Probability for exceeding upper tercile (top third of the highest temperature) is around 80%. Precipitation surplus is expected in part of central and northern Balkans, coastal part of western Turkey, as well as in eastern Turkey and South Caucasus, with around 90% probability for exceeding upper tercile (top third of the highest precipitation).

During the second week (27 November to 3 December 2023), above normal mean weekly air temperature is forecasted for the southern and eastern Turkey, with anomaly up to +3°C. Probability for exceeding upper tercile (top third of the highest temperature) is around 60%. In rest of the region average mean weekly temperature is expected. Precipitation surplus is expected in most of Turkey and South Caucasus, with probability for exceeding upper tercile (top third of the highest precipitation) up to 70%. In most of the Balkans average precipitation sums are expected.

During the following three months (December, January and February), seasonal forecast predicts above average seasonal air temperature in most of the region. Precipitation surplus is expected in the Carpathians, along Adriatic coast, northern and eastern Turkey and South Caucasus.

Update

An updated statement will be issued on 27-11-2023

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

ANNEX

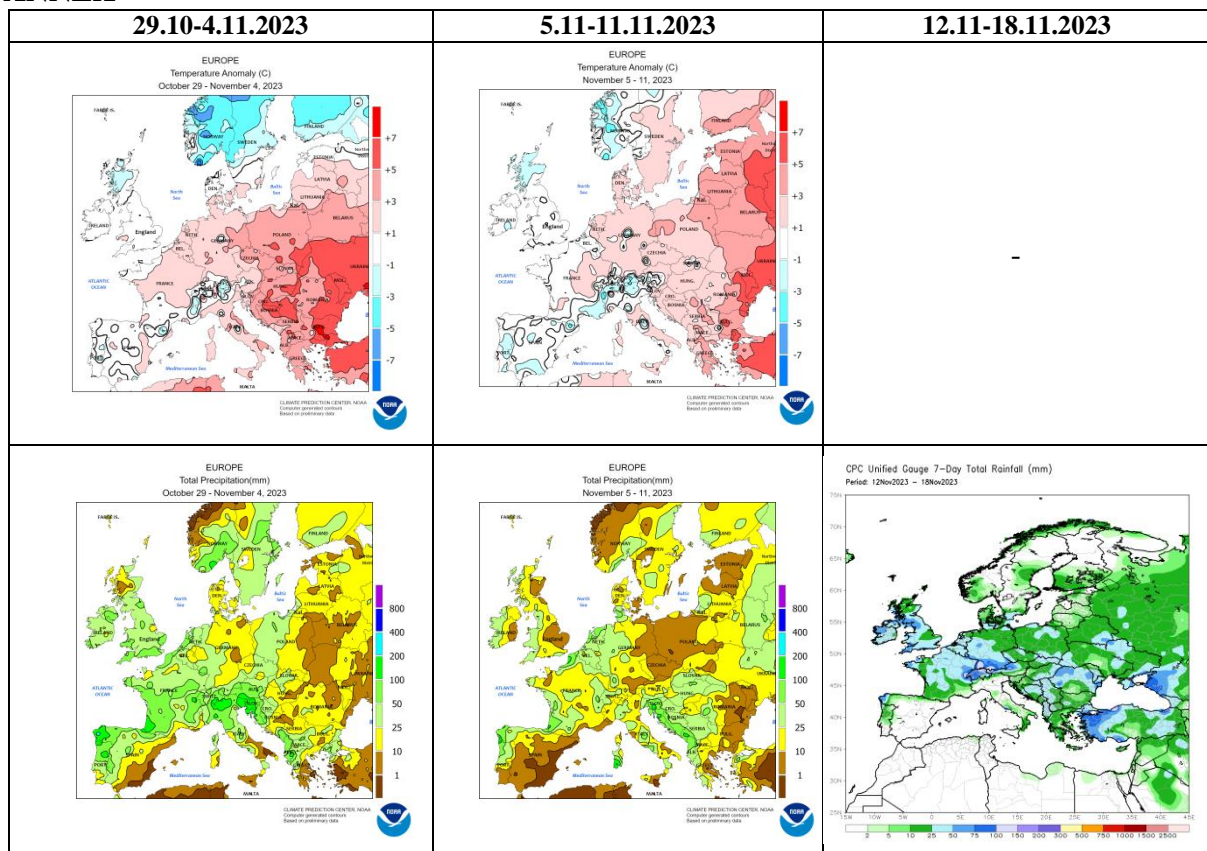


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

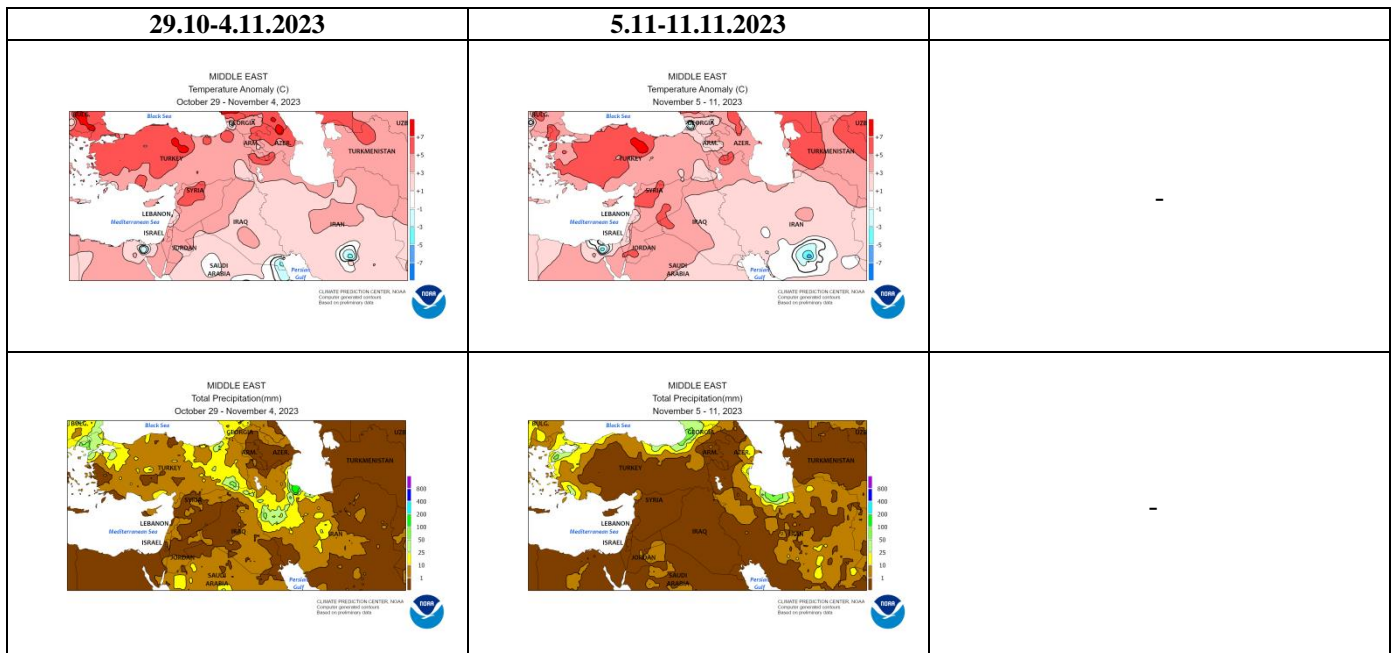


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)

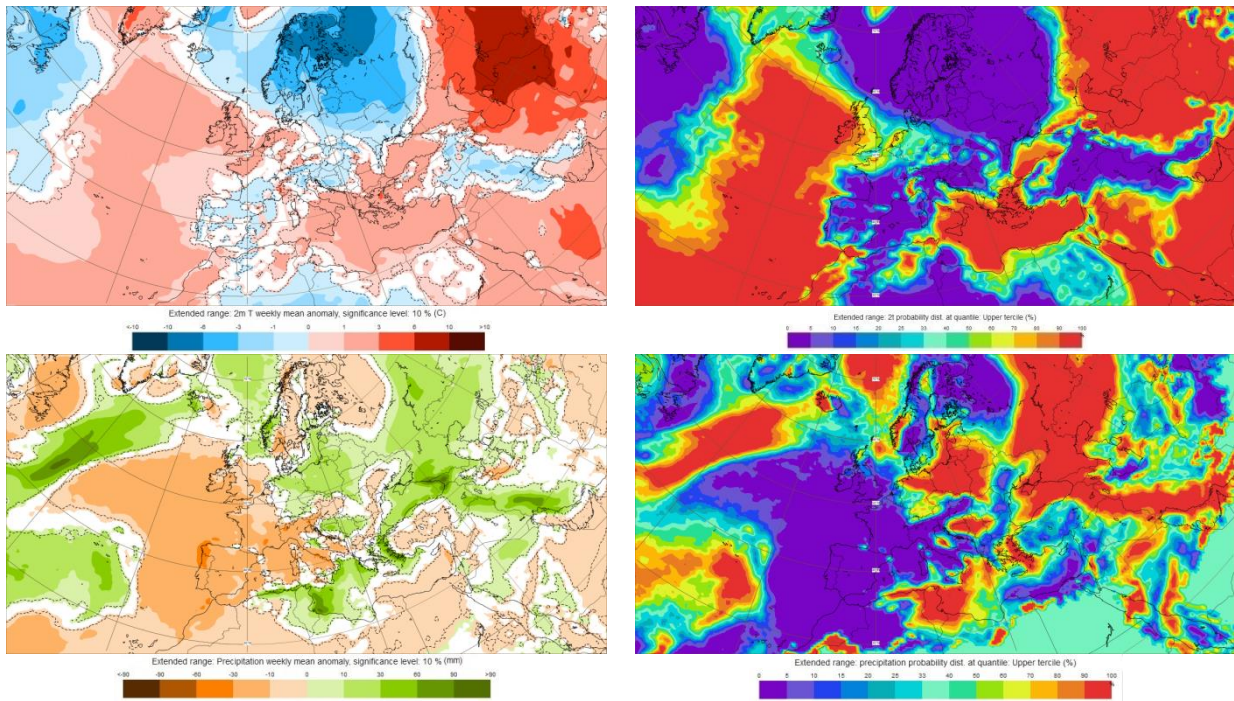


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 20.11–26.11.2023 period (source: European Centre for Medium-Range Weather Forecasts)

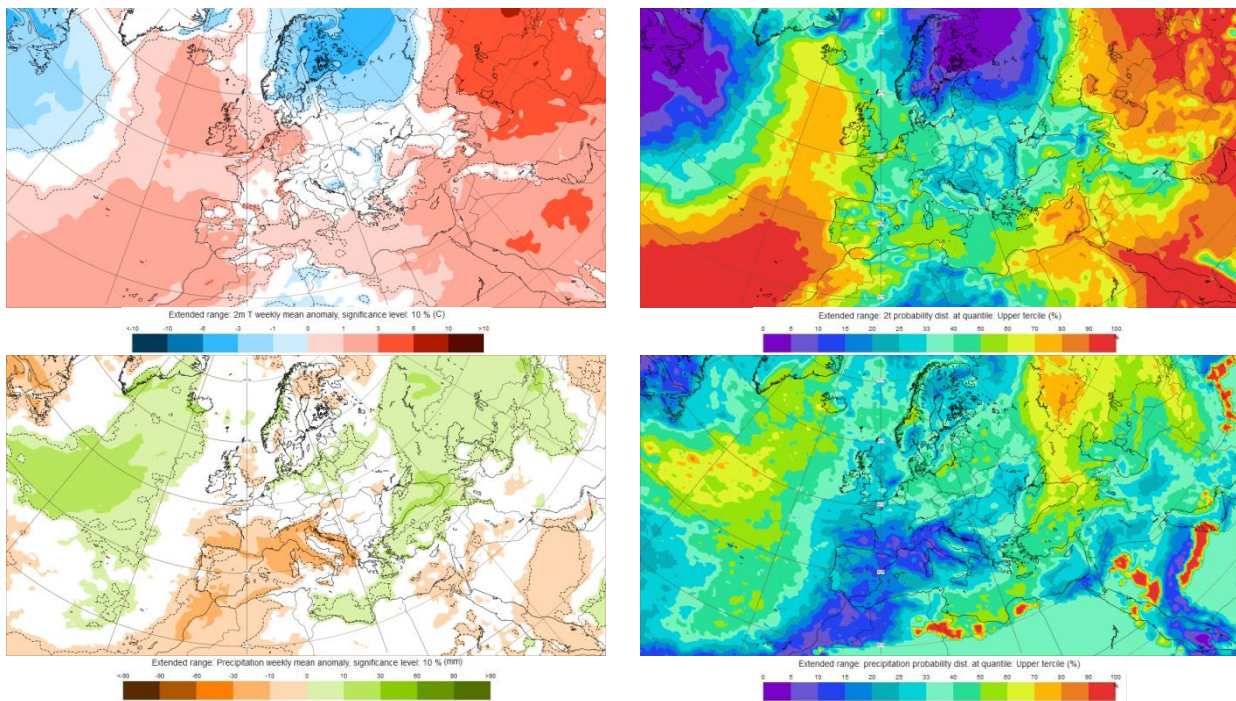


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 27.11–3.12.2023 period (source: European Centre for Medium-Range Weather Forecasts)

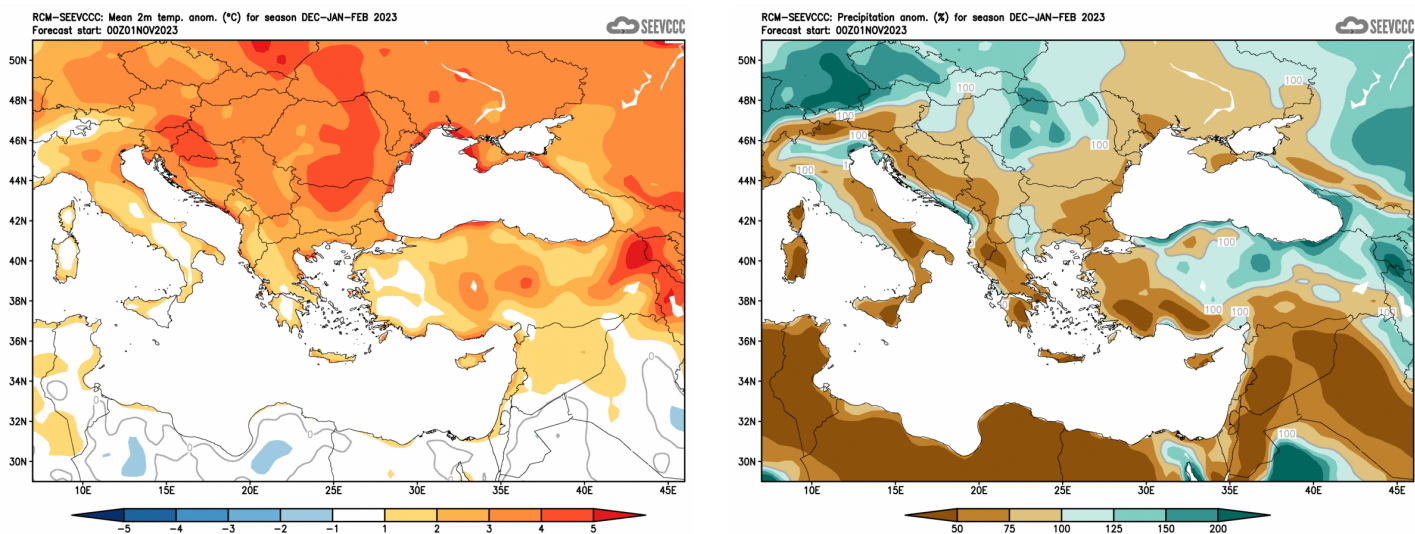


Figure 5. Mean seasonal temperature and precipitation anomaly for the season DJF (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- 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/>)