

Climate Watch (Serial No.: 20211122–47)

Initial/Updated/Final

Topic: **temperature** and **precipitation**

Organization issuing the statement: SEEVCCC

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Cancelled

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Valid from – to: 22-11-2021 – 28-2-2022 Next amendment: 29-11-2021

Region of concern: **SEE**

„Within the first week (22 to 28 November 2021), ECMWF monthly forecast predicts above average air temperature for most of the region with anomaly up to +3°C, in Turkey up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is expected for the Balkans and western Turkey with around 80% probability for exceeding upper tercile.“

Monitoring

During the period from 14 to 20 November 2021, precipitation sums were mostly up to 25 mm in most of the region, except from the area of northwestern Greece and eastern Serbia where precipitation totals exceeded 100 mm.

Outlook

Within the first week (22 to 28 November 2021), ECMWF monthly forecast predicts above average air temperature for most of the region with anomaly up to +3°C, in Turkey up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is expected for the Balkans and western Turkey with around 80% probability for exceeding upper tercile.

During the second week (29 November to 5 December 2021), above average air temperature is expected in the eastern and southern Balkans, as well as in Turkey and South Caucasus, with anomaly up to +6°C and around 80% probability for exceeding upper tercile. In rest of the region average temperature is expected. Average precipitation sums are expected for most of the region. Precipitation surplus is expected for the western Balkans and northern Turkey with around 60% probability for exceeding upper tercile.

During the following three months (December, January and February) seasonal forecast predicts above normal seasonal air temperature for the northern and western parts of Balkans. Precipitation surplus is expected in the Carpathian Mountains, as well as along the coasts of Adriatic and southern Black Sea. Precipitation deficit is predicted for the western and southern Balkans, Cyprus and southern and western Turkey.

Update

An updated statement will be issued on 29-11-2021

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

ANNEX

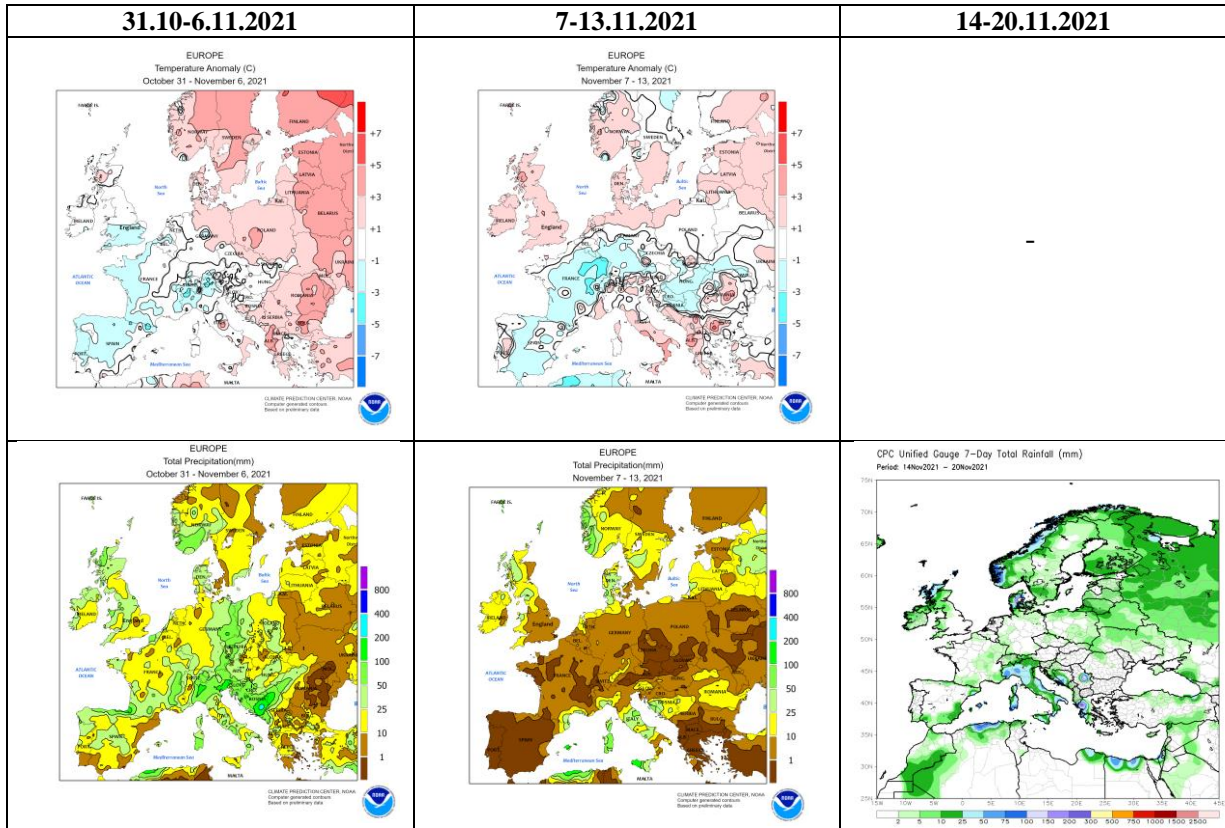


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

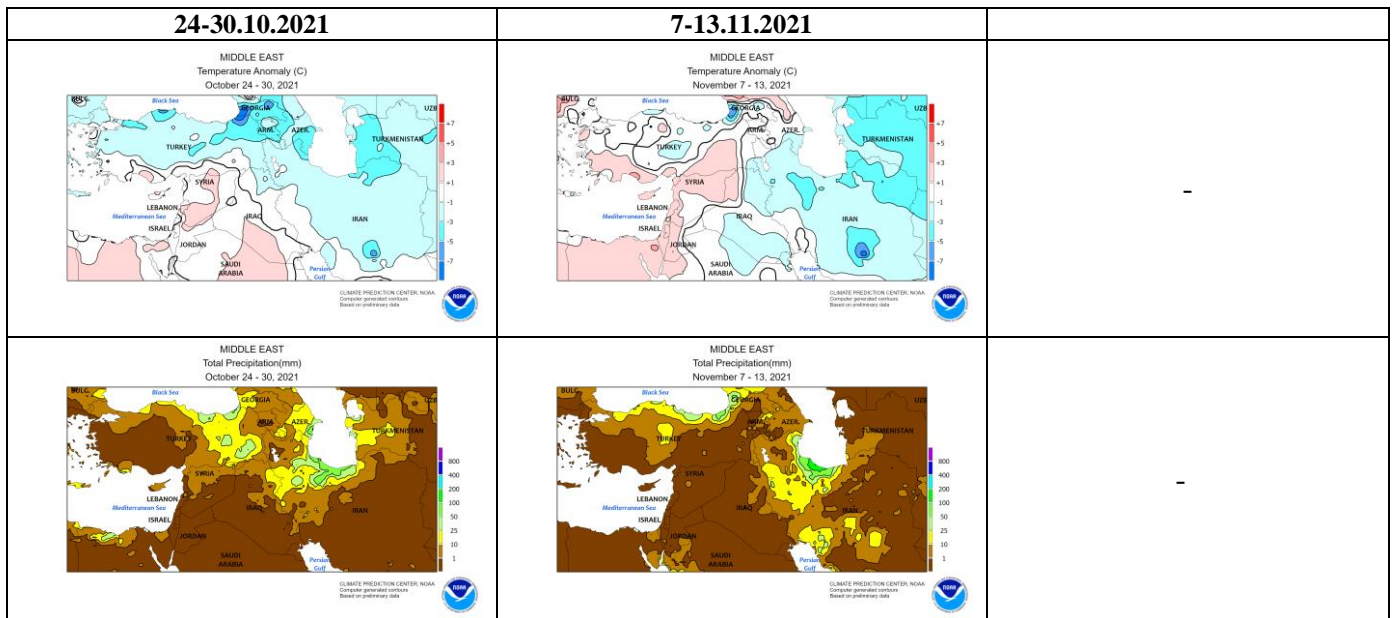


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

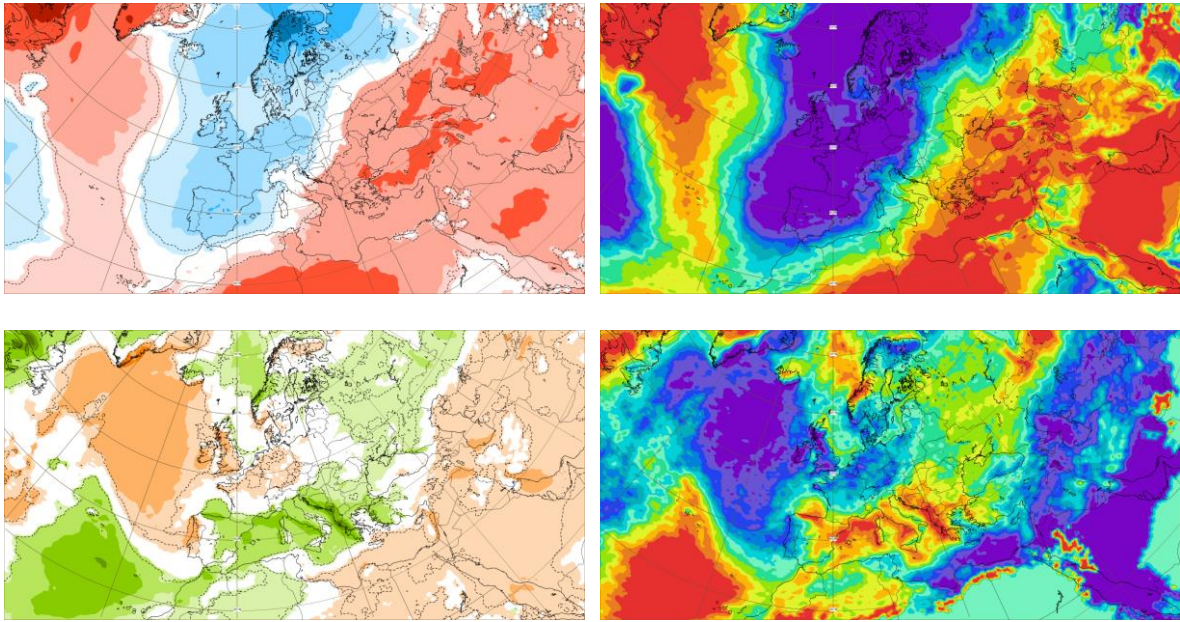


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 22.11–28.11.2021 period

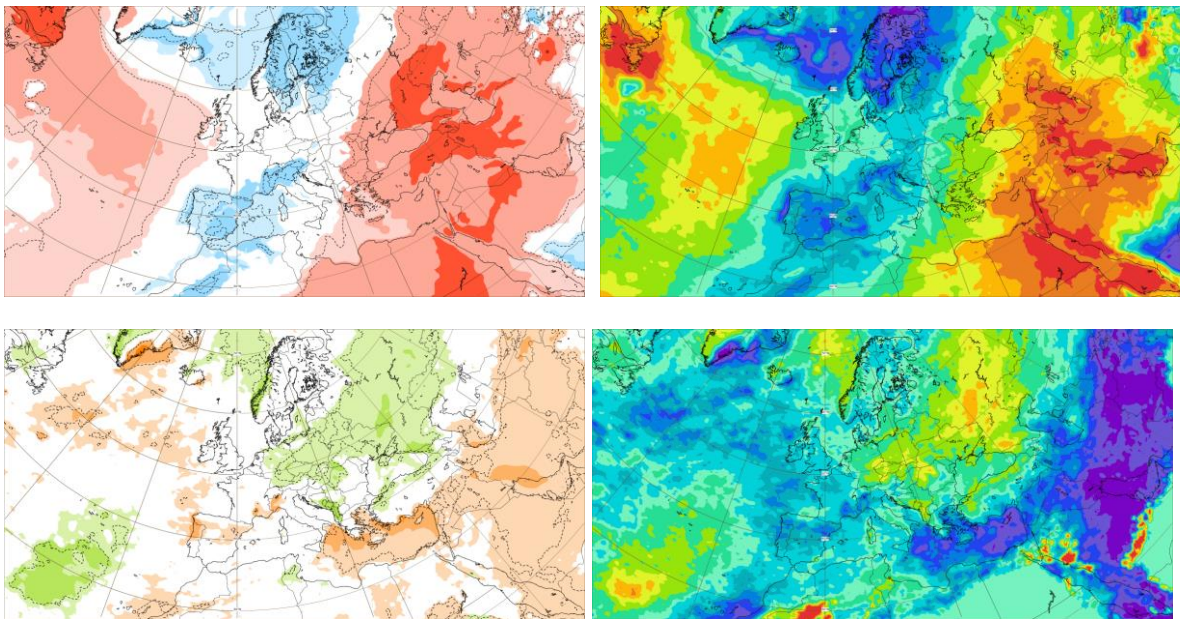


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 29.11–5.12.2021 period

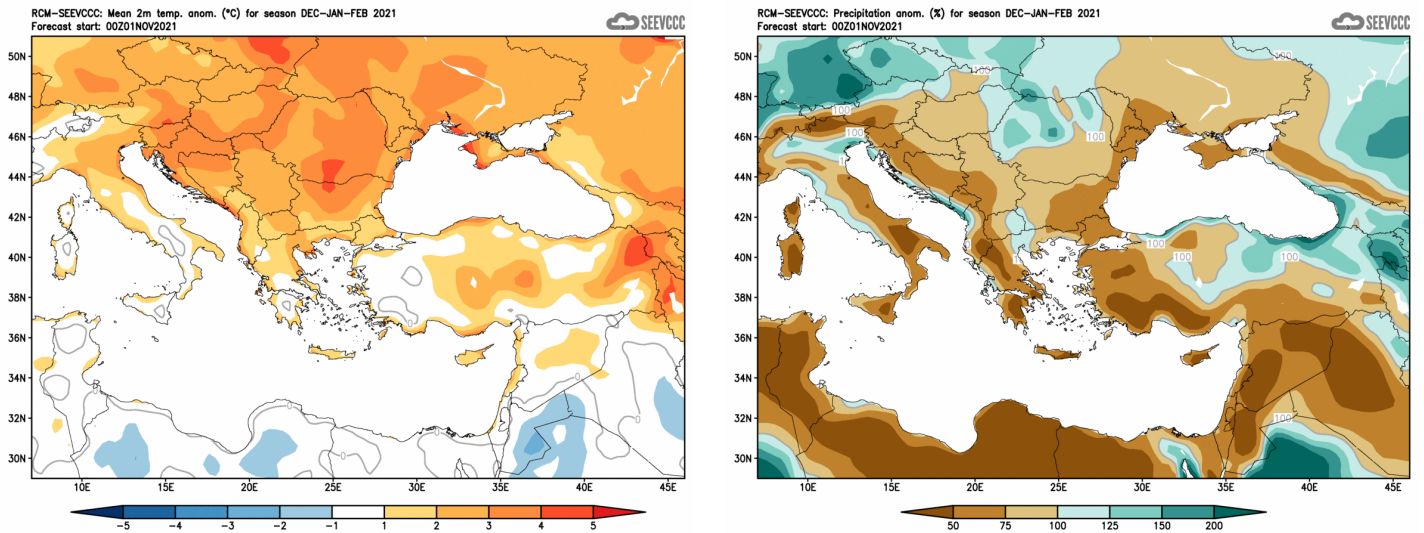


Figure 6. Mean seasonal temperature and precipitation anomaly for the season DJF (seasonal outlook from RCM – SEEVCCC)

Sources

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