

## Climate Watch (Serial No.: 20220117–03)

Initial/Updated/Final

Topic: **precipitation**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended / 17-1-2022 16:00 P.M.  
Cancelled

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Valid from – to: 17-1-2022 – 31-3-2022 Next amendment: 24-1-2022

Region of concern: **Balkans, Turkey**

**„Within the first week (17 to 23 January 2022) precipitation surplus is expected in most of Turkey and western Ukraine with up to 90% probability for exceeding upper tercile. Precipitation deficit is predicted for coastal part of Adriatic and most of southern Balkans with up to 90% probability for exceeding lower tercile. “**

### Monitoring

During the period from 8 to 14 January 2022, weekly precipitation sums were below 25 mm in most parts of the SEE region. Some areas of Greece and south Turkey received more than 100 mm of precipitation, whilst southernmost Turkey received up to 200 mm of precipitation.

## **Outlook**

Within the first week (17 to 24 January 2022), ECMWF monthly forecast predicts above normal mean weekly temperature in most of Romania, Moldova and western Ukraine with anomaly up to +3°C and up to 80% probability for exceeding upper tercile. In most of the southern Balkans, Turkey and South Caucasus below normal mean temperature with anomaly up to -6°C is expected. Probability for exceeding lower tercile is up to 90%. Precipitation surplus is expected in most of Turkey and western Ukraine with up to 90% probability for exceeding upper tercile. Precipitation deficit is predicted for coastal part of Adriatic and most of southern Balkans with up to 90% probability for exceeding lower tercile.

During the second week (24 to 31 January 2022), below average air temperature is expected in most of the region, with anomaly up to -6°C and around 90% probability for exceeding lower tercile. In Moldova, Ukraine, eastern Balkans and parts of central Balkans average temperature is expected. Average precipitation sums are expected for most of the region.

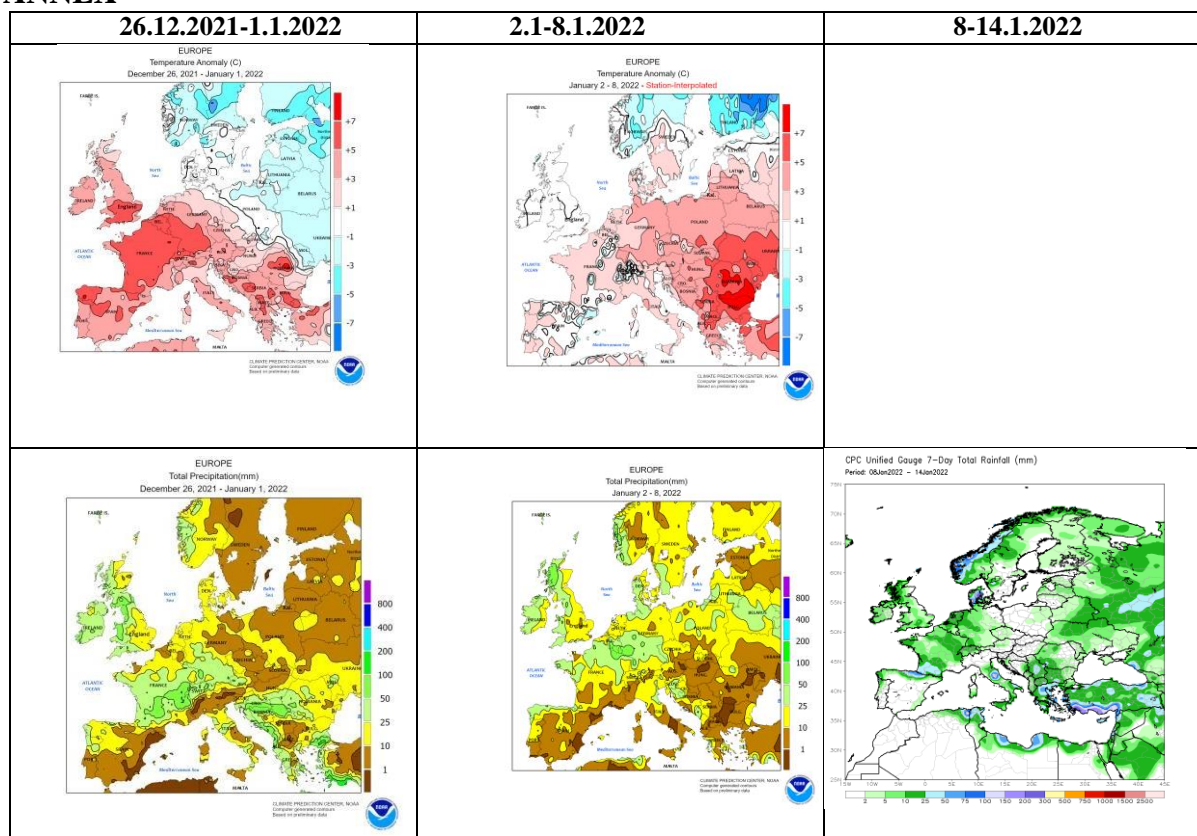
During the following three months (January, February and March), seasonal forecast predicts above normal seasonal air temperature for most of the region. Precipitation surplus is expected in the Carpathian Mountains, Ukraine, most of Turkey, South Caucasus as well as along the coasts of Adriatic and southern Black Sea. Precipitation deficit is predicted for the remainder of the region.

## **Update**

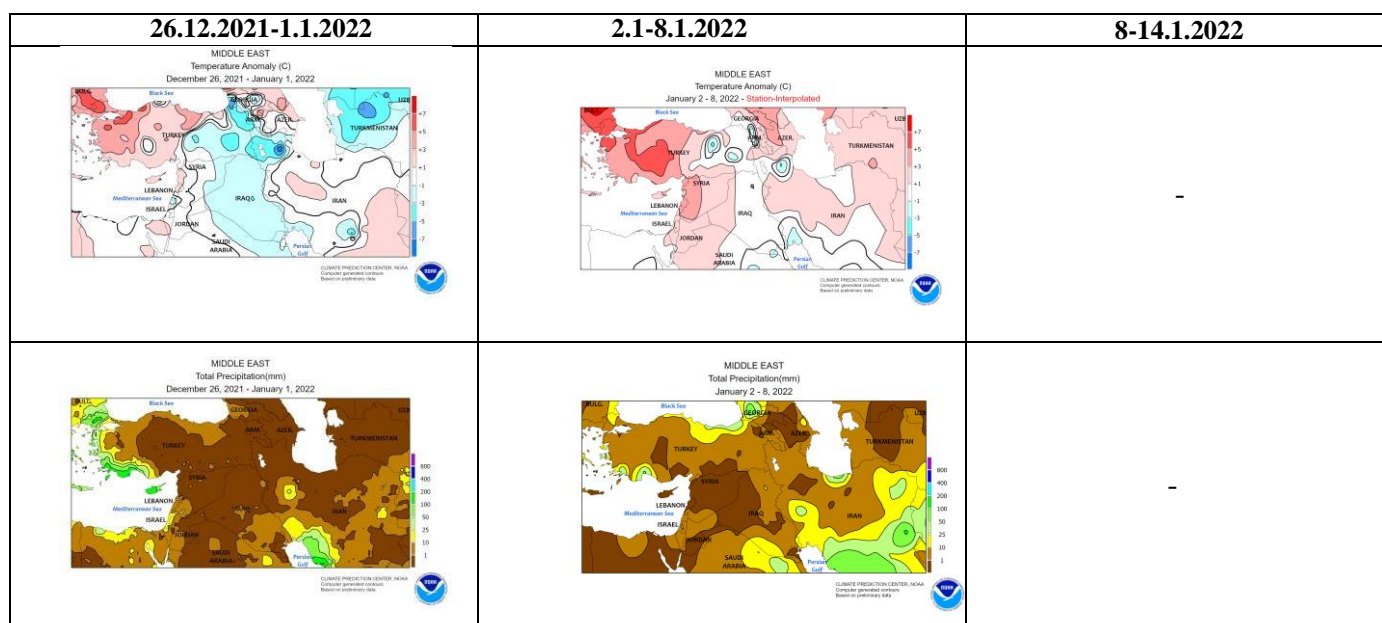
An updated statement will be issued on 24-1-2022

For further information please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

## ANNEX

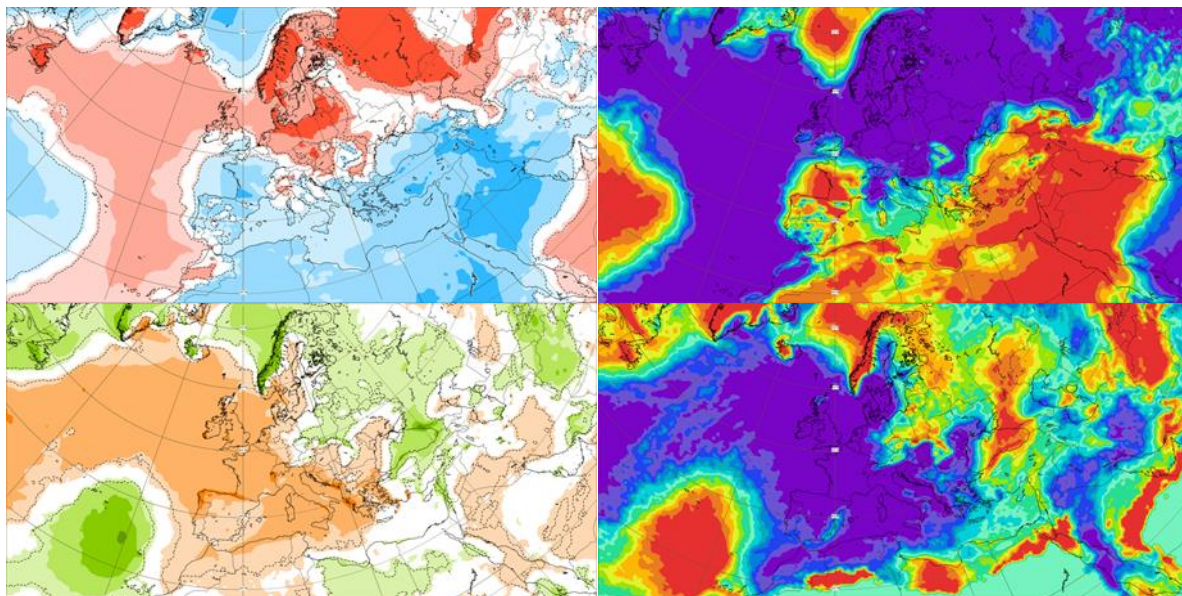


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

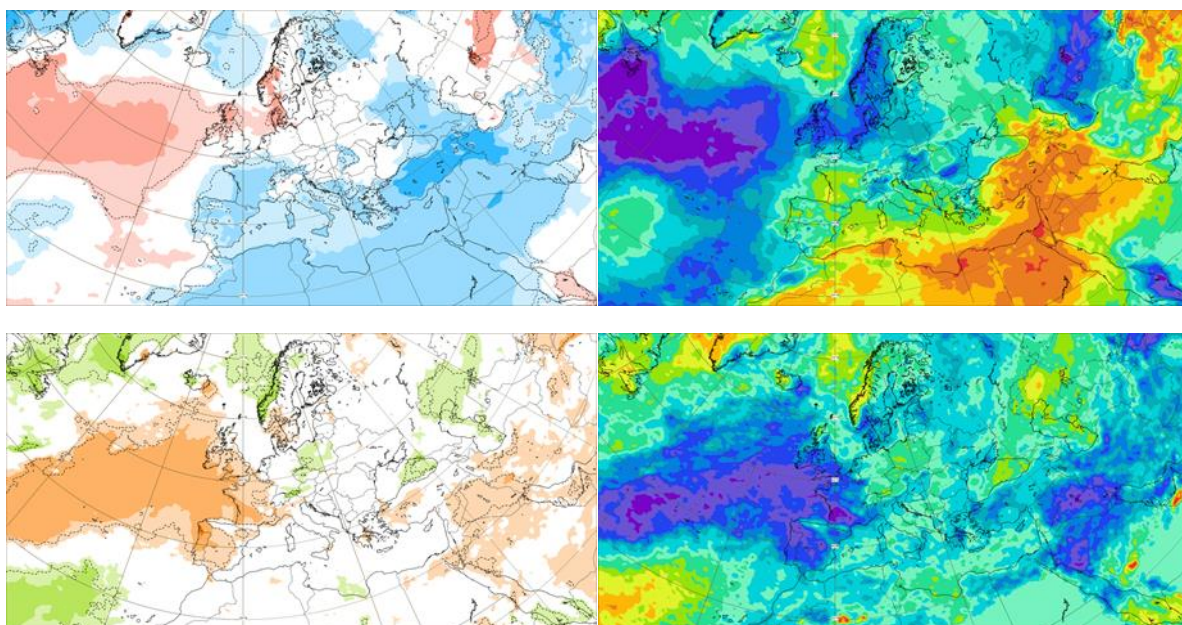


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

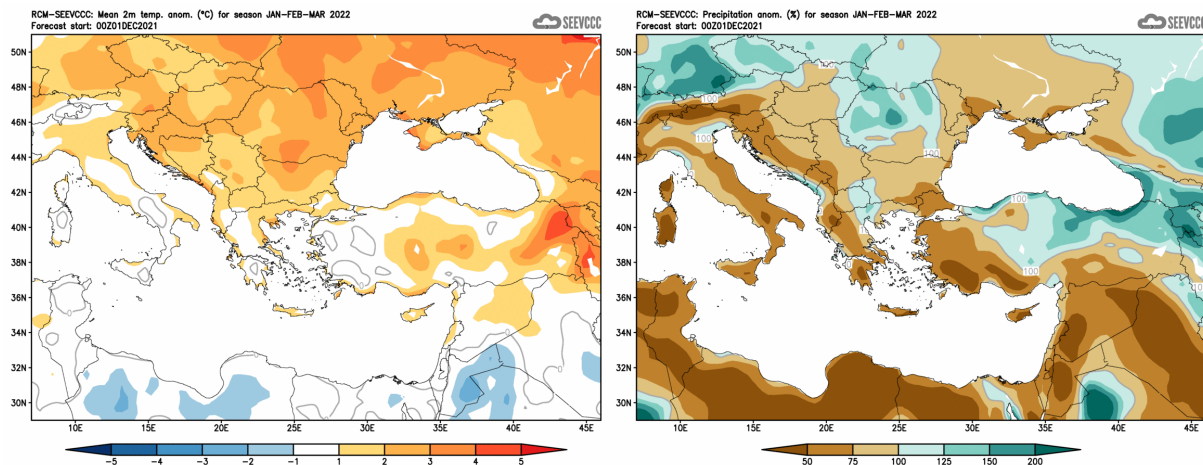




**Figure 3.** Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 17.1–23.1.2022 period



**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 upper tercile (lower row) for the 24.1–30.1.2022 period



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

### Sources

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