

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

Organization issuing SEEVCCC

the statement:

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Cancelled

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Valid from – to: 24-1-2022 – 30-4-2022 Next amendment: 31-1-2022

Region of concern: **Cyprus, Turkey, Georgia, Armenia and Middle East**

„Within the following two weeks (23 January to 6 February 2022) below normal mean weekly temperature is expected in Cyprus, Turkey, Georgia, Armenia and Middle East, with anomaly up to –6°C, in central Turkey even up to –10°C, and 90% probability for exceeding lower tercile. Precipitation surplus is expected in Cyprus, Lebanon and western Georgia with up to 80% probability for exceeding upper tercile. “

Monitoring

During the period from 16 to 22 January 2022, weekly precipitation sums were below 25 mm in most parts of the SEE region, with around 50 mm of precipitation totals in Israel, Georgia, and northern, southwestern and southeastern Turkey, with even more than 100 mm in southcentral Turkey.

Outlook

Within the first week (24 to 30 January 2022), ECMWF monthly forecast predicts below normal mean weekly temperature in the southern Balkans, Cyprus, Turkey, Georgia, Armenia and Middle East, with anomaly up to -6°C , in central Turkey even up to -10°C , and 90% probability for exceeding lower tercile. Precipitation surplus is expected in Cyprus, Lebanon and western Georgia with up to 80% probability for exceeding upper tercile. Precipitation deficit is predicted for coastal part of the Adriatic, southern and eastern Balkans, and western Turkey, with up to 90% probability for exceeding lower tercile.

During the second week (31 January to 6 February 2022), below average air temperature is expected in Cyprus, Turkey, Georgia, Armenia and Middle East, with anomaly up to -6°C , in central Turkey even up to -10°C , and up to 90% probability for exceeding lower tercile. Precipitation deficit is expected in northwestern, southern and eastern Balkans, and western Turkey, with up to 70% probability for exceeding lower tercile.

During the following three months (February, March and April), seasonal forecast predicts above normal seasonal air temperature in Ukraine, some parts of the Balkans, eastern Turkey and central South Caucasus. Precipitation surplus is expected in the Carpathian Mountains, northeastern Turkey and South Caucasus. Precipitation deficit is predicted for the parts of western, eastern and southern Balkans, Cyprus, western and southern Turkey, as well as Middle East.

Update

An updated statement will be issued on 31-1-2022

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

ANNEX

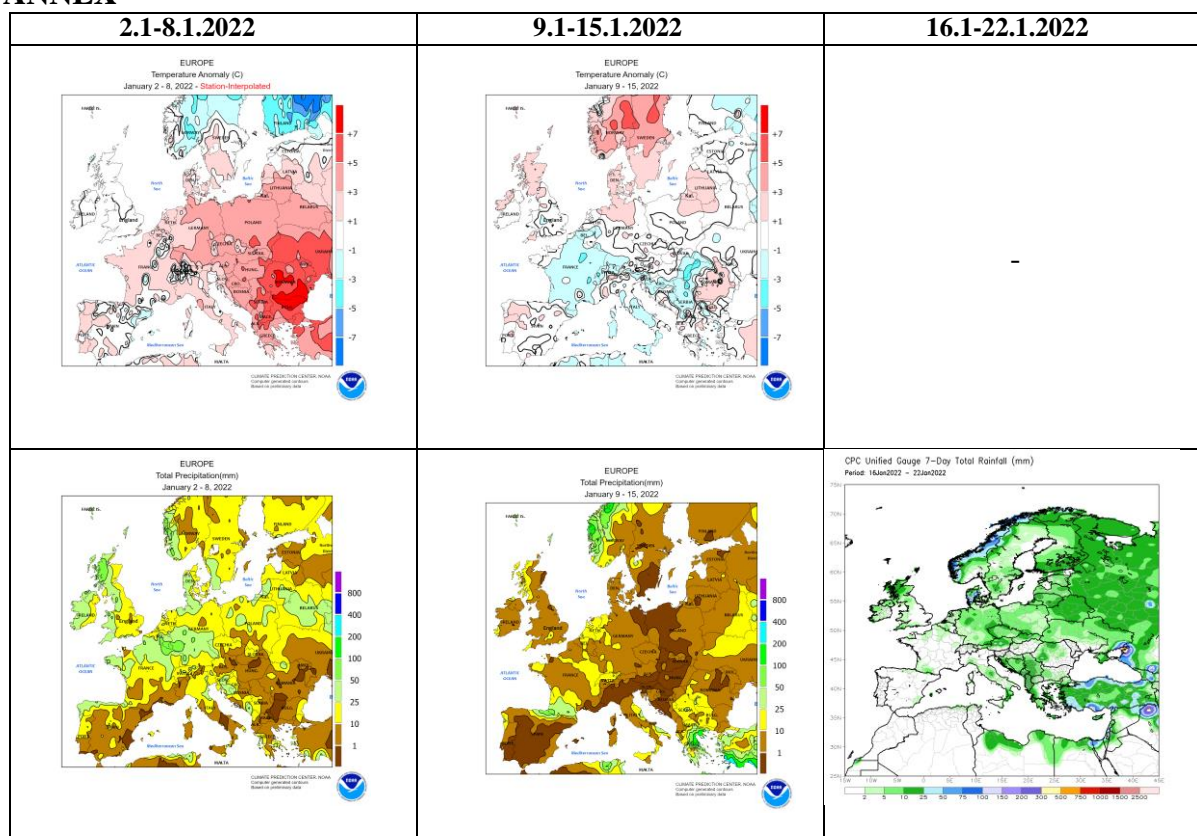


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

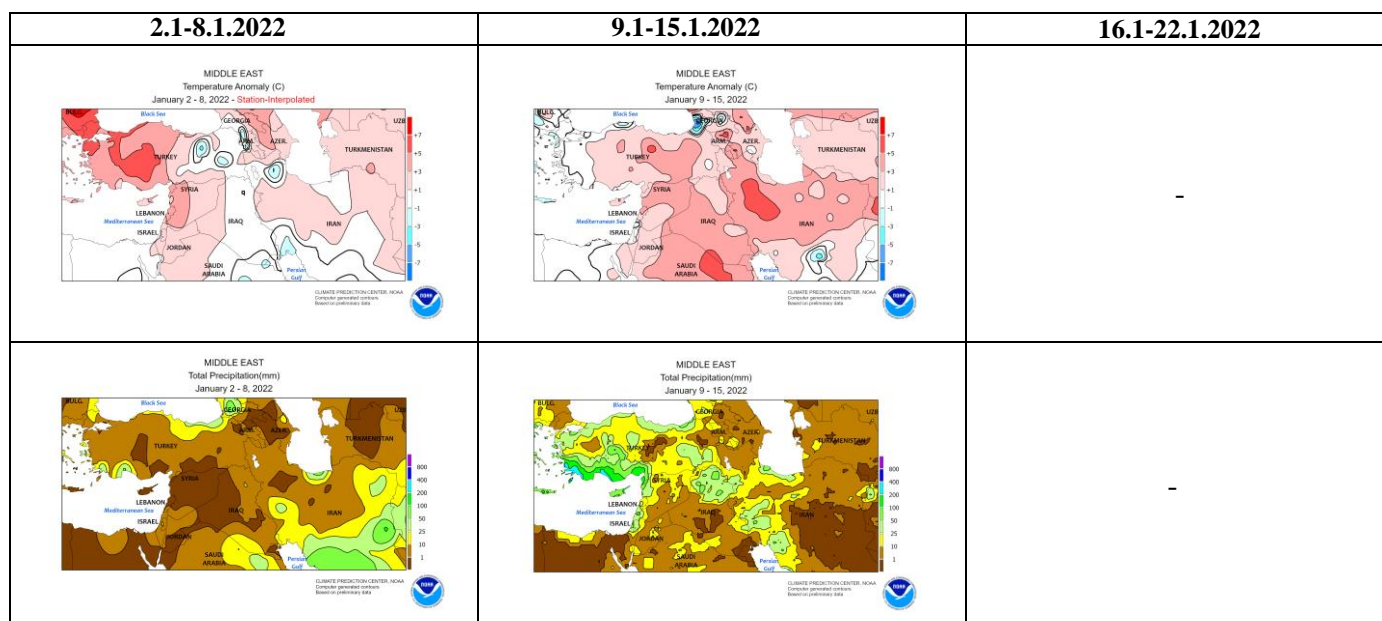


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

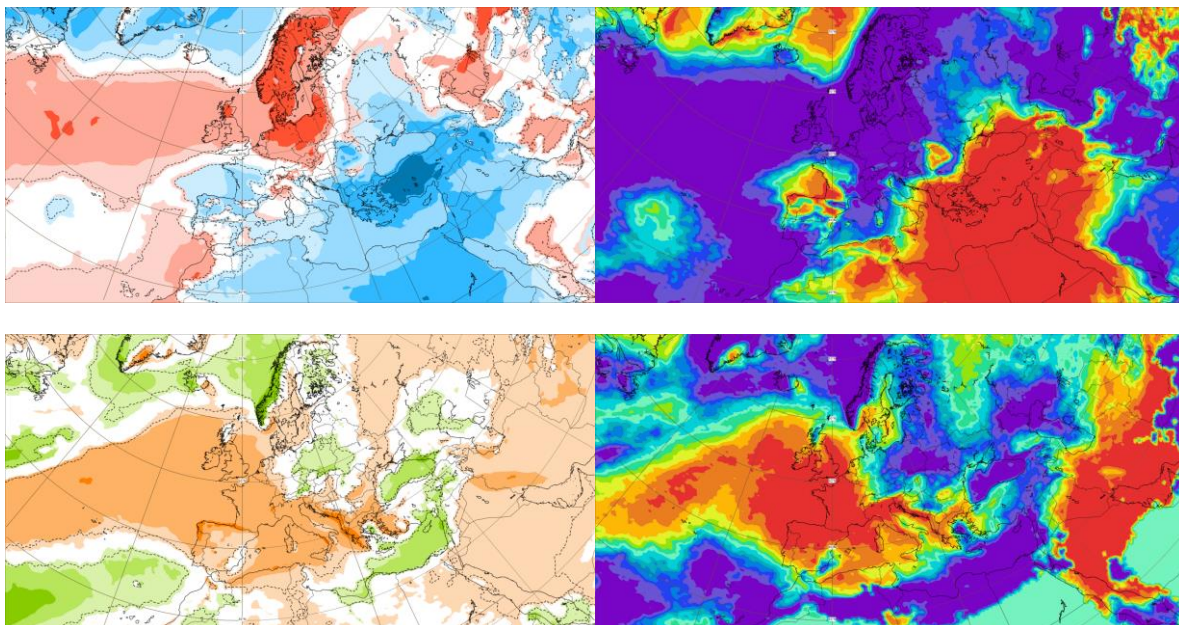


Figure 3. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 24.1-30.1.2022 period

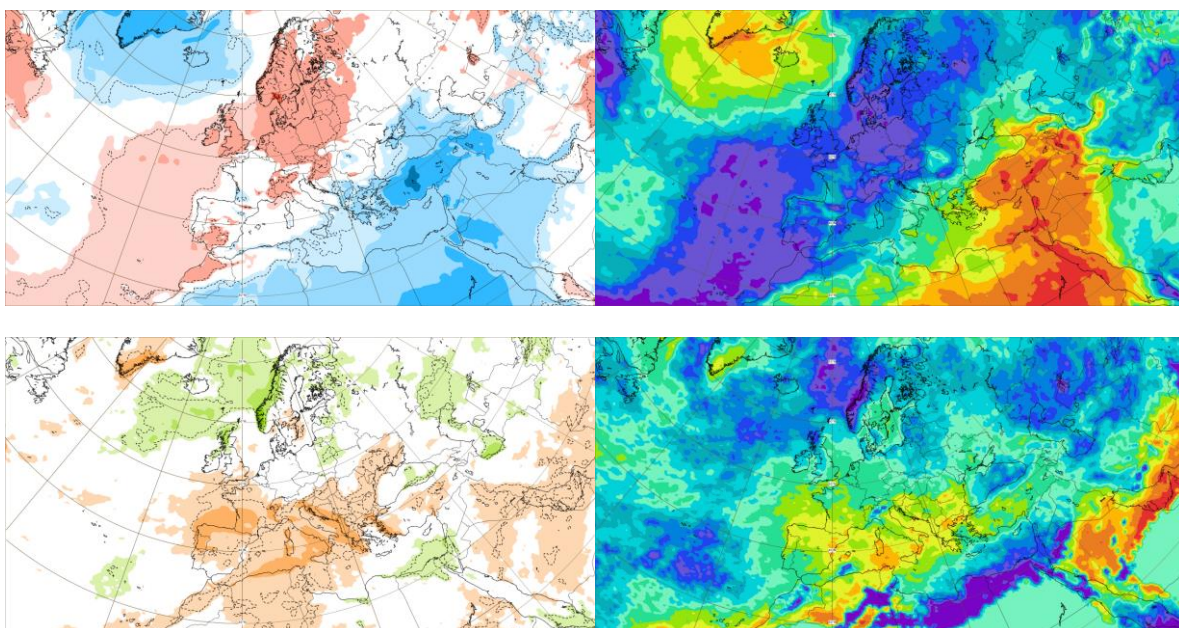


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 31.1-6.2.2022 period

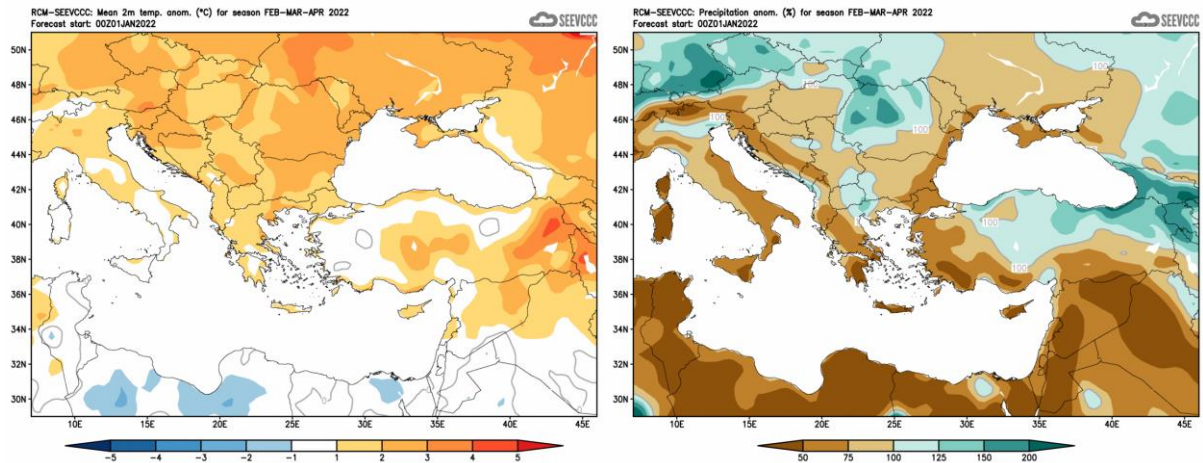


Figure 6. Mean seasonal temperature and precipitation anomaly for the season FMA (seasonal outlook from RCM – SEEVCCC)

Sources

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