

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

Organization issuing SEEVCCC

the statement:

Issued/ Amended / 21-2-2022 16:00 P.M.
Cancelled

Contact: E-mail: cws-seevccc@hidmet.gov.rs
Phone: +381112066925
Fax: +381112066929

Valid from – to: 21-2-2022 – 31-5-2022 Next amendment: 28-2-2022

Region of concern: **Greece, Turkey, Ukraine, Lebanon and Israel**

„Within the following week (20 to 27 February 2022) below normal mean weekly temperature is expected in southern Aegean Sea, southwestern Turkey and Israel, with anomaly up to -3°C and up to 70% probability for exceeding lower tercile. Precipitation surplus is expected in Aegean Sea, southeastern Ukraine, most of Turkey and Lebanon, with up to 90% probability for exceeding upper tercile in southern Turkey.“

Monitoring

During the period from 13 to 19 February 2022, weekly precipitation sums were low in the entire SEE region. Precipitation totals up to 10 mm were recorded in northwestern Balkans, Georgia and northeastern Turkey.

Outlook

Within the first week (20 to 27 February 2022), ECMWF monthly forecast predicts above normal mean weekly temperature in eastern Ukraine, South Caucasus and eastern Turkey, with anomaly up to +6°C and up to 90% probability for exceeding upper tercile. Below normal mean weekly temperature is expected in southern Aegean Sea, southwestern Turkey and Israel, with anomaly up to -3°C and up to 70% probability for exceeding lower tercile. Precipitation surplus is expected in Aegean Sea, southeastern Ukraine, most of Turkey and Lebanon, with up to 90% probability for exceeding upper tercile in southern Turkey.

During the second week (28 February to 6 March 2022), below average air temperature is expected in Cyprus, Crete, most of Turkey, Lebanon and Israel, with anomaly up to -3°C and up to 80% probability for exceeding lower tercile in central Turkey. Above normal mean weekly temperature is forecasted in the northwestern Balkans, Pannonian Plain, western and northern Ukraine, with anomaly up to +6°C and up to 60% probability for exceeding upper tercile. Precipitation surplus is expected in the southwestern and eastern Balkans, Moldova and eastern Ukraine, with up to 70% probability for exceeding upper tercile.

During the following three months (March, April and May), seasonal forecast predicts above normal seasonal air temperature in northwestern Ukraine, some parts of the Balkans, eastern and central Turkey. Precipitation surplus is expected in the Carpathian Mountains, northeastern Turkey and South Caucasus. Precipitation deficit is predicted for the Pannonian plain, along the Dinaric Alps, western and northern Black Sea coast, southern Balkans, Cyprus, western and southern Turkey, as well as Middle East.

Update

An updated statement will be issued on 28-2-2022

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

ANNEX

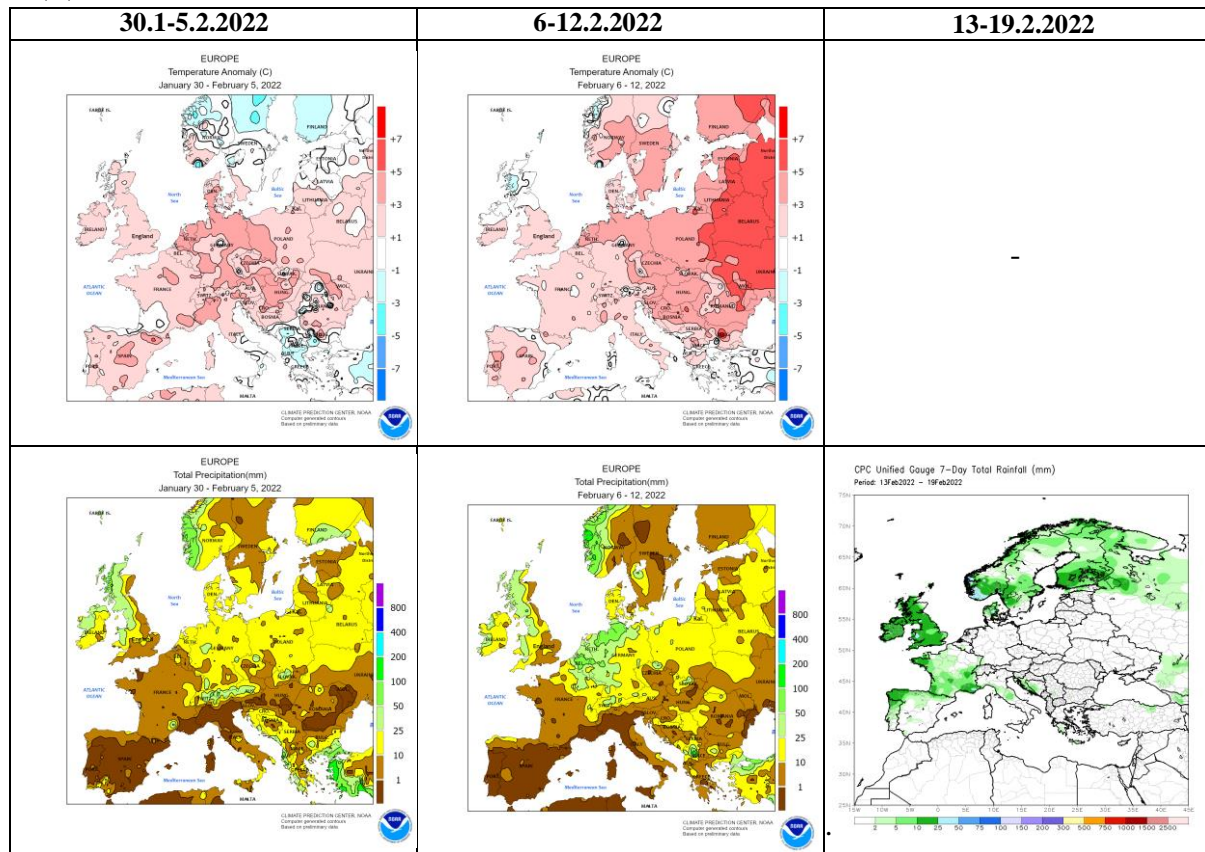


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

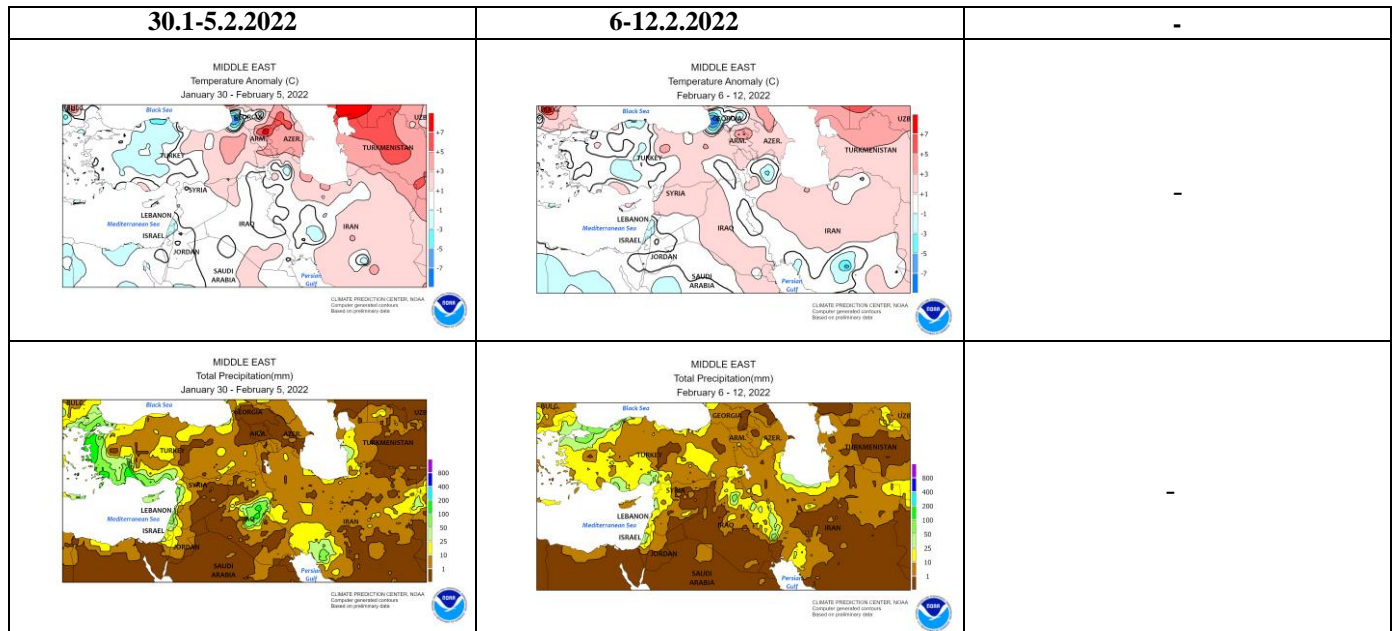


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

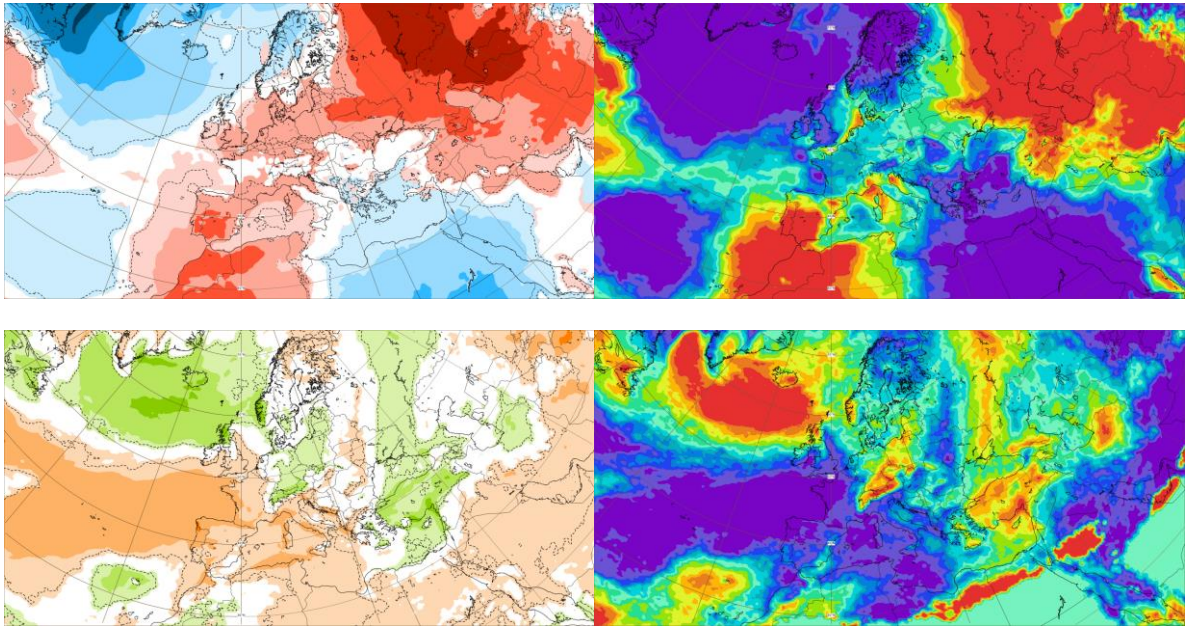


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 21.2-27.2.2022 period

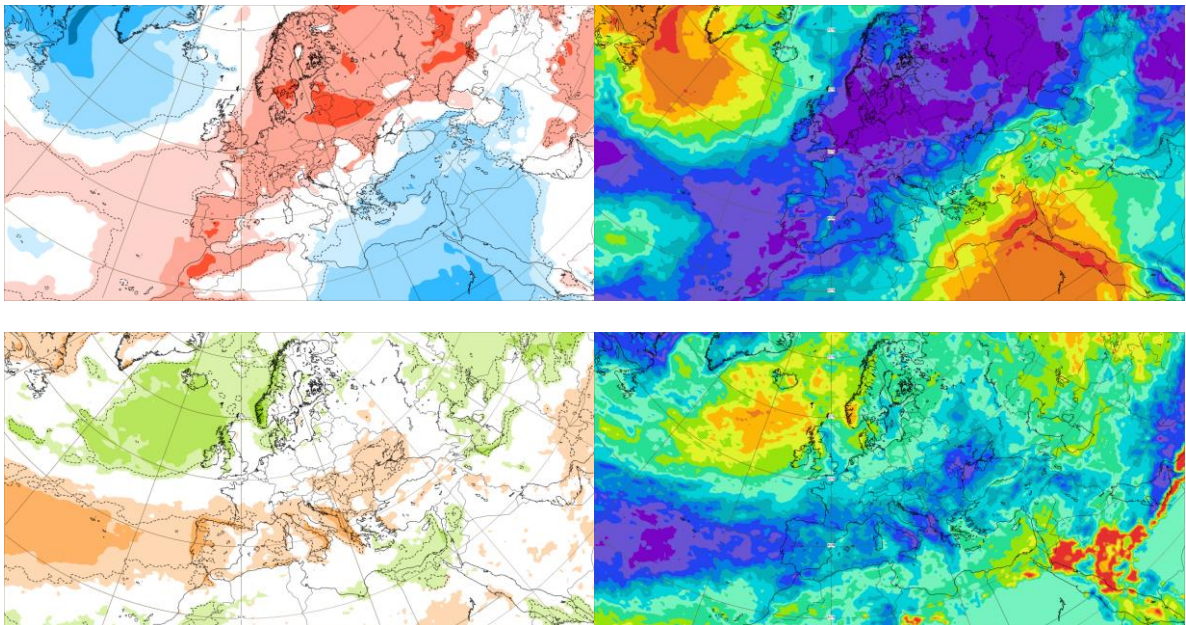


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 28.2-6.3.2022 period

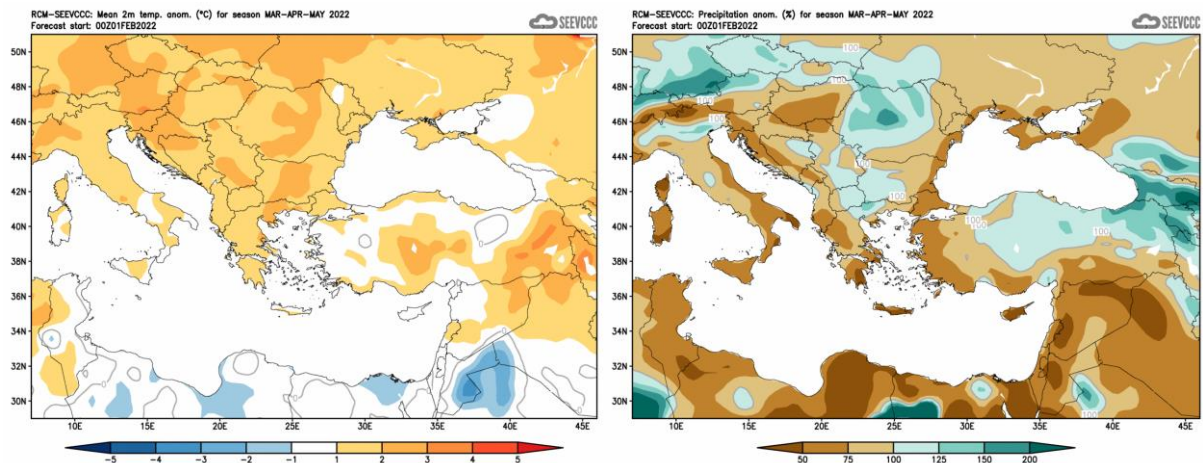


Figure 6. Mean seasonal temperature and precipitation anomaly for the season MAM (seasonal outlook from RCM – SEEVCCC)

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/>)