Climate Watch (Serial No.: 20230508–18)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled: 8-5-2023 16:00 P.M.

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Valid from – to: 8-5-2023 – 31-7-2023 Next amendment: 15-5-2023

Region of concern: **SEE**

„Within the first week (8 to 14 May 2023), ECMWF monthly forecast predicts below average mean weekly air temperature with anomaly up to –3 °C in most of the region and up to –6 °C in eastern Balkans. Probability for exceeding lower tercile is up to 90%. Precipitation surplus is predicted for the western, central and southern Balkans, with probability around 90% for exceeding upper tercile.“

Monitoring

During the period from 30 April to 6 May 2023, weekly precipitation sums were up to 25 mm in most of the region while in some parts of the southern Balkans and western Turkey sums were up to 50 mm.

Outlook

Within the first week (8 to 14 May 2023), ECMWF monthly forecast predicts below average mean weekly air temperature with anomaly up to –3 °C in most of the region and up to –6 °C in eastern Balkans. Probability for exceeding lower tercile is up to 90%. Precipitation surplus is predicted for the western, central and southern Balkans, with probability around 90% for exceeding upper tercile.

During the second week (15 to 21 May 2023), below normal mean weekly air temperature is expected in eastern and southern Balkans and western and central Turkey with anomaly up to –3 °C and probability around 60% for exceeding lower tercile. Average precipitation sums are expected in most of the region.

During the following three months (May, June and July), seasonal forecast predicts above average seasonal air temperature in most of the Balkans and Ukraine, as well as central and eastern Turkey. Precipitation surplus is expected in the Carpathians, northeastern Turkey, South Caucasus, Israel and Jordan. Precipitation deficit is predicted for coastal regions of the Balkans, Cyprus and Syria, as well as northern, western and southern Turkey.

Update

An updated statement will be issued on 15-5-2023

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

ANNEX

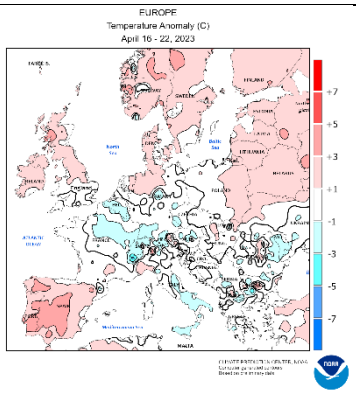
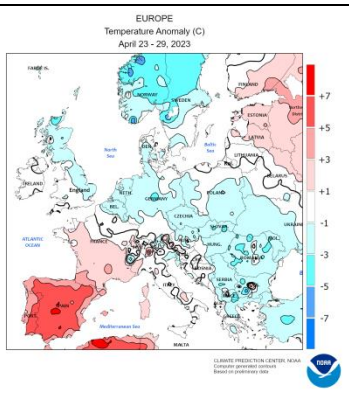
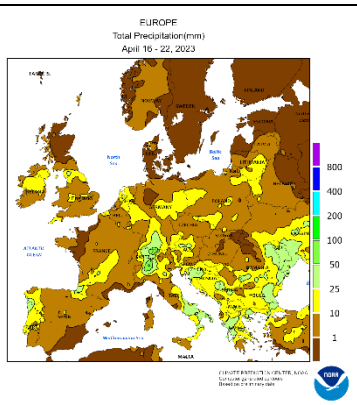
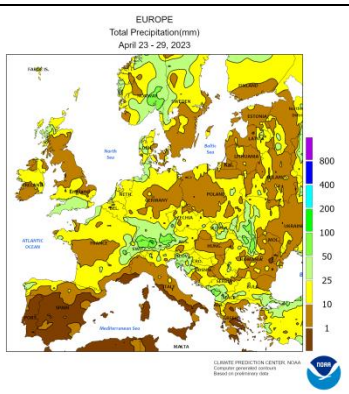
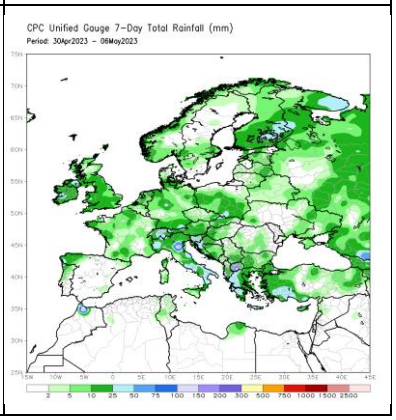
16.4-22.4.2023	23.4-29.4.2023	30.4-6.5.2023
		-
		

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

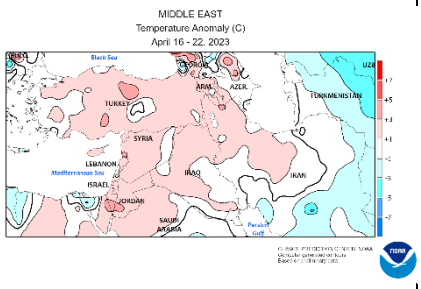
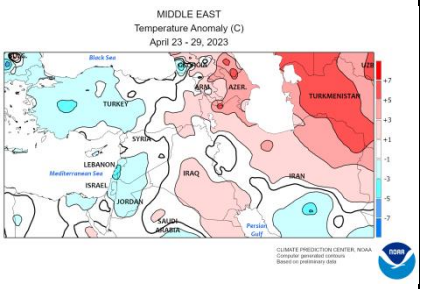
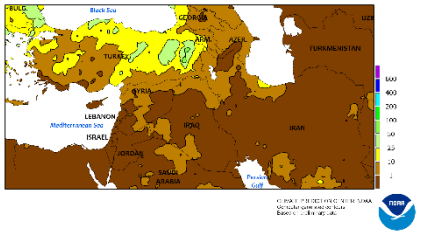
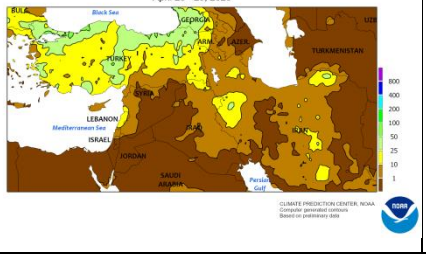
16.4-22.4.2023	23.4-30.4.2023	
		-
		-

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

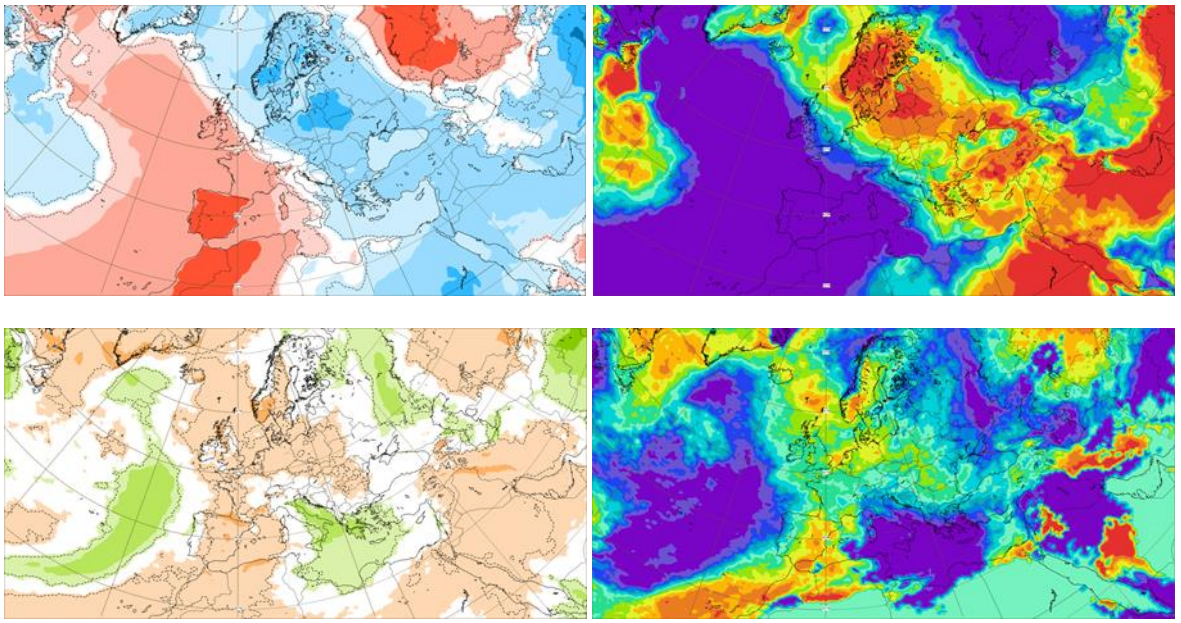


Figure 3. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 1.5–7.5.2023 period

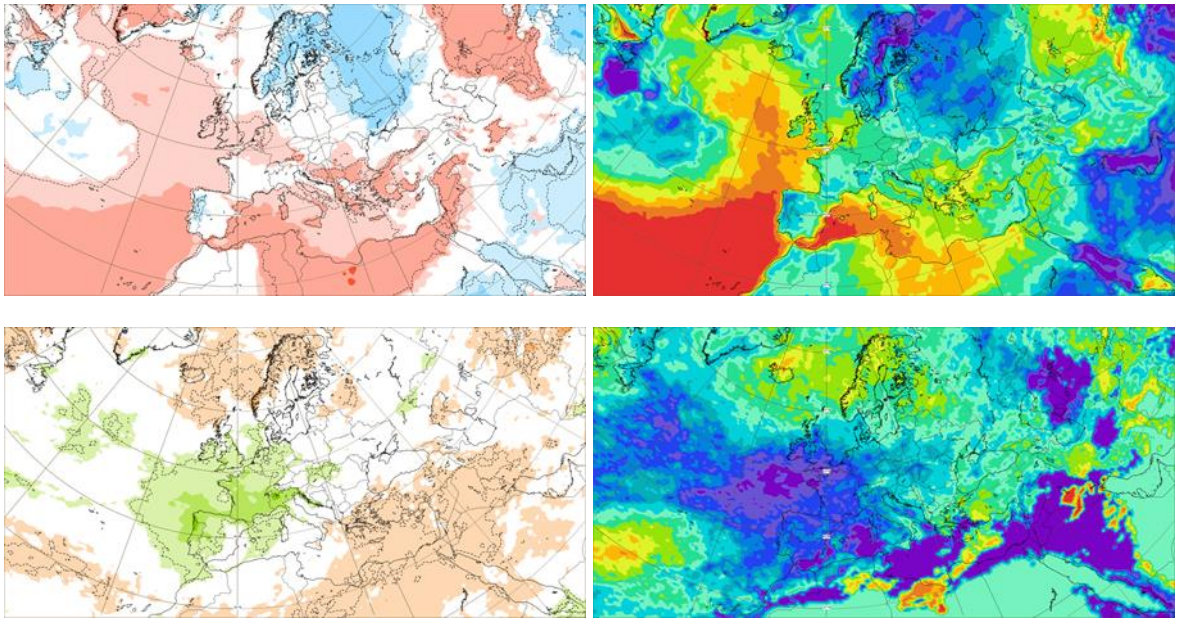


Figure 4. Outlook for the temperature anomalies and probability for the lower tercile (upper row), along with the precipitation surplus/deficit and probability for the upper tercile (lower row) for the 8.5–14.5.2023 period

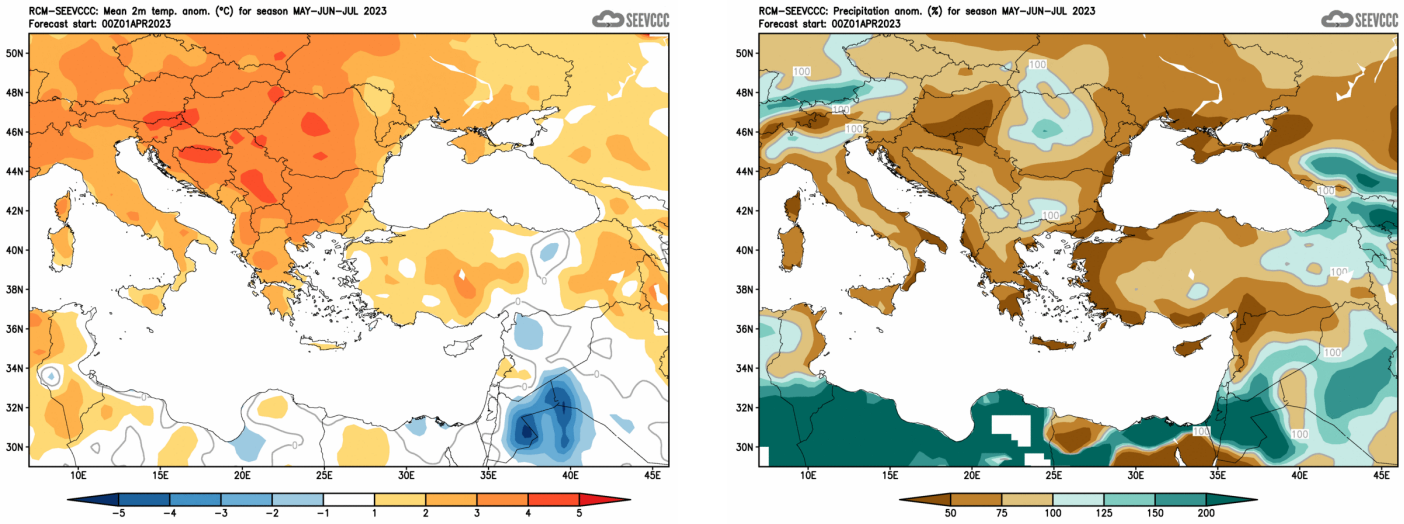


Figure 5. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

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/)