

## Climate Watch (Serial No.: 20230612–23)

Initial/Updated/Final

Topic: **precipitation**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended / 12-6-2023 16:00 P.M.  
Cancelled

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Valid from – to: 12-6-2023 – 31-8-2023 Next amendment: 19-6-2023

Region of concern: **Balkans, Turkey and eastern Ukraine**

**„Within the following two weeks (12 to 26 June 2023), ECMWF monthly forecast predicts precipitation surplus for most of the Balkans and most parts of Turkey, as well as eastern Ukraine with probability around 80% for exceeding upper tercile. “**

### Monitoring

During the period from 3 to 10 June 2023, weekly precipitation sums were up to 75 mm in southwestern Serbia and northernmost Turkey. In other parts of the region, precipitation totals reached up to 25 mm.

## **Outlook**

Within the first week (12 to 18 June 2023), ECMWF monthly forecast predicts above average mean weekly air temperature with anomaly up to +3°C in northern Turkey and most of south Caucasus, with probability up to 70% for exceeding upper tercile. Below average weekly air temperature with anomaly up to -6°C is expected in the Balkans, Ukraine, Moldova and western Turkey. Probability for exceeding lower tercile is up to 90%. Precipitation surplus is predicted for most of the Balkans, western Ukraine, western and central Turkey and most of South Caucasus, with probability around 90% for exceeding upper tercile. Precipitation deficit is expected in parts of Middle East with low probability.

During the second week (19 to 26 June 2023), below normal mean weekly air temperature with anomaly up to -3°C is expected in southern Balkans, eastern Ukraine, as well as most of Turkey. Probability for exceeding lower tercile is in a range from 70% in Greece and eastern Ukraine up to 90% in Turkey. In rest of the region average temperature is expected. Precipitation surplus is predicted for central and south Balkans, most of Turkey and Georgia, as well as eastern Ukraine with probability around 70%, in Turkey around 80%, for exceeding upper tercile.

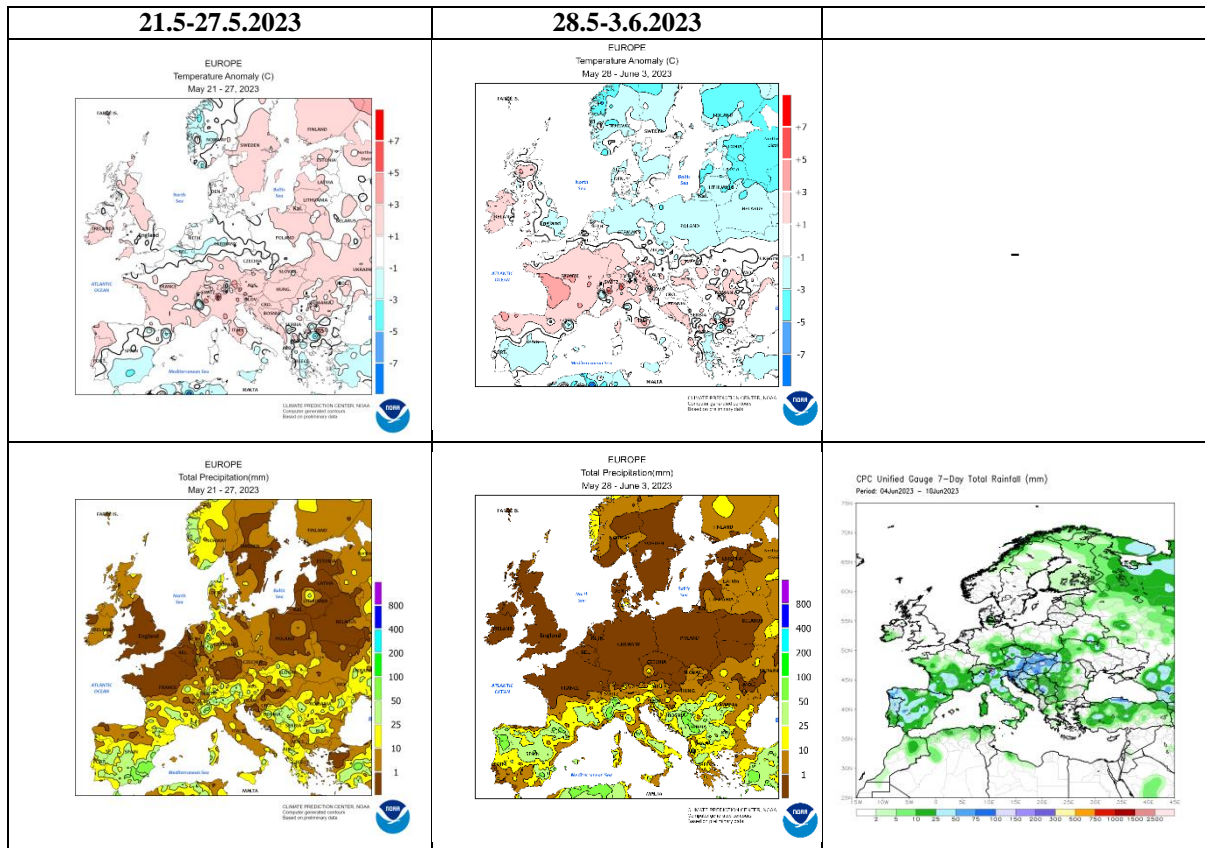
During the following three months (June, July and August), seasonal forecast predicts above average seasonal air temperature in most of the Balkans and Ukraine, as well as in some parts of central and eastern Turkey. Precipitation surplus is expected in the Carpathians, northeastern Turkey, South Caucasus, 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**

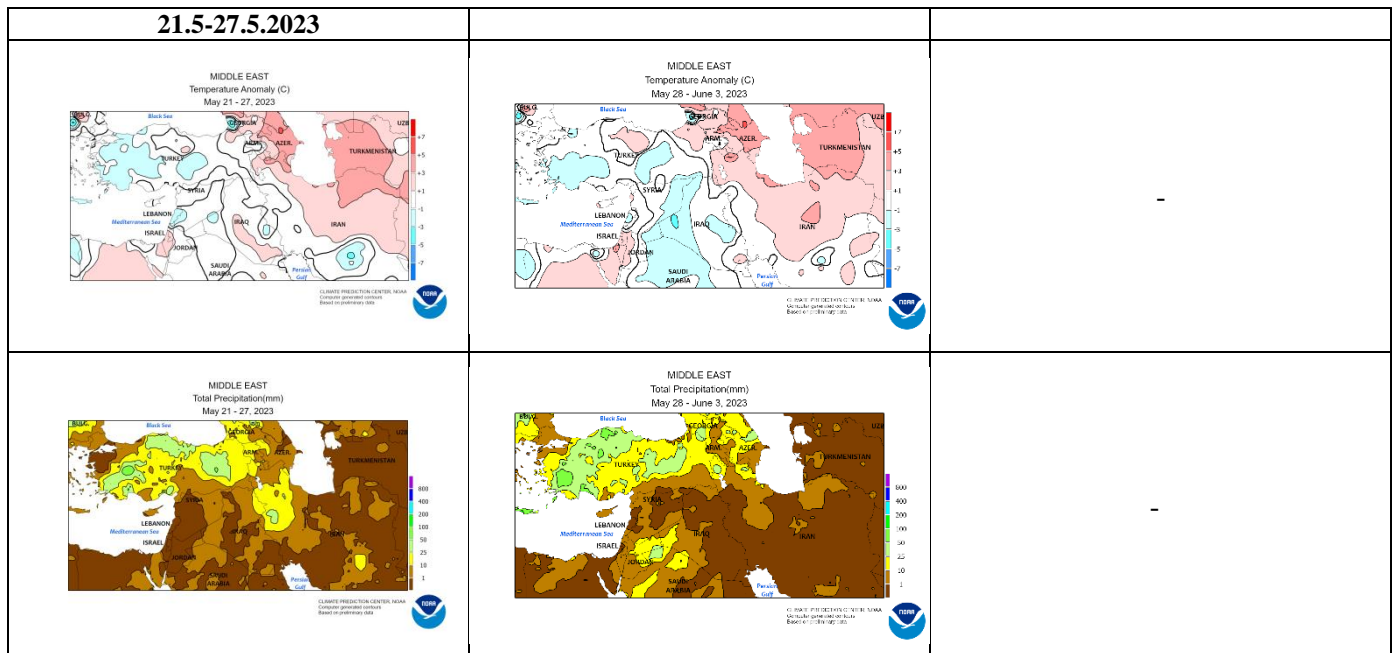
An updated statement will be issued on 19-6-2023

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

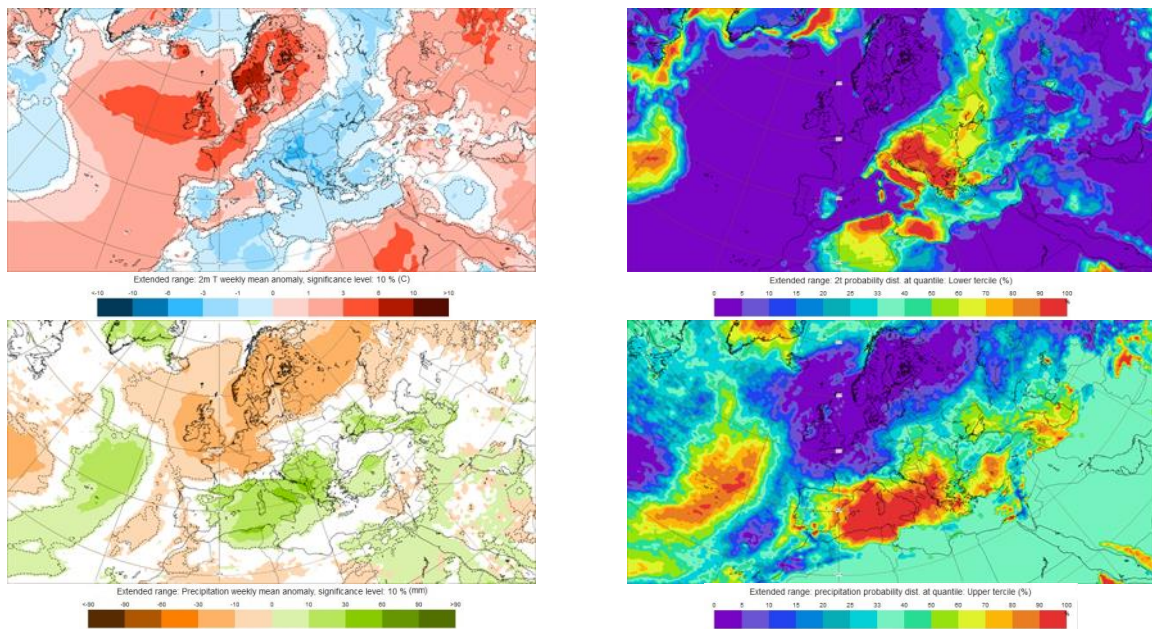
**ANNEX**



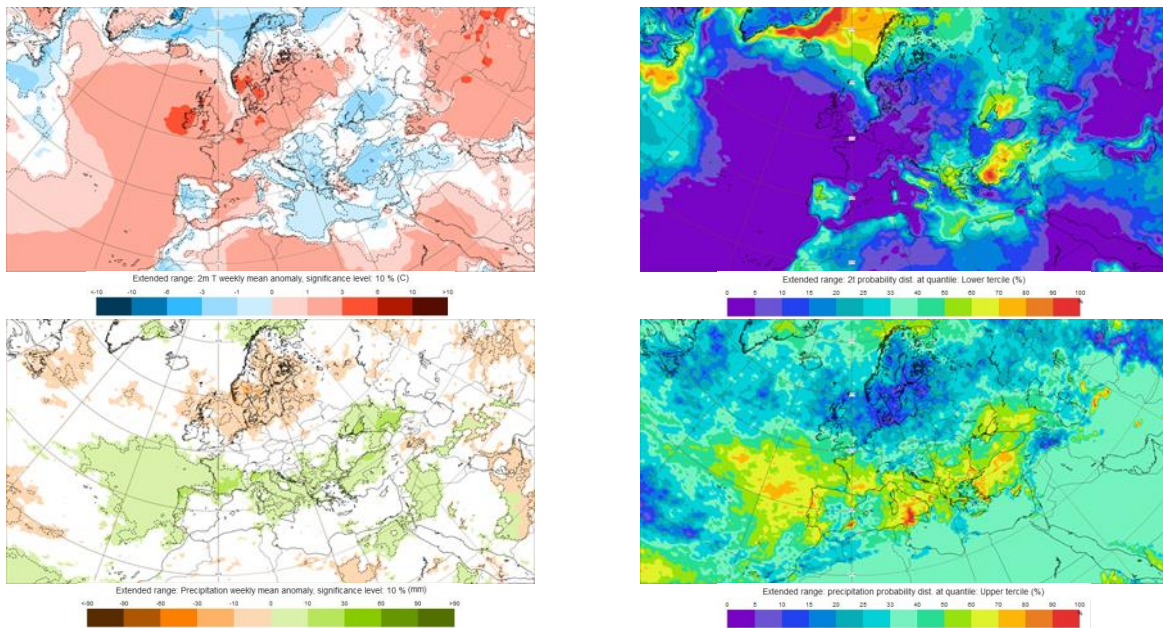
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



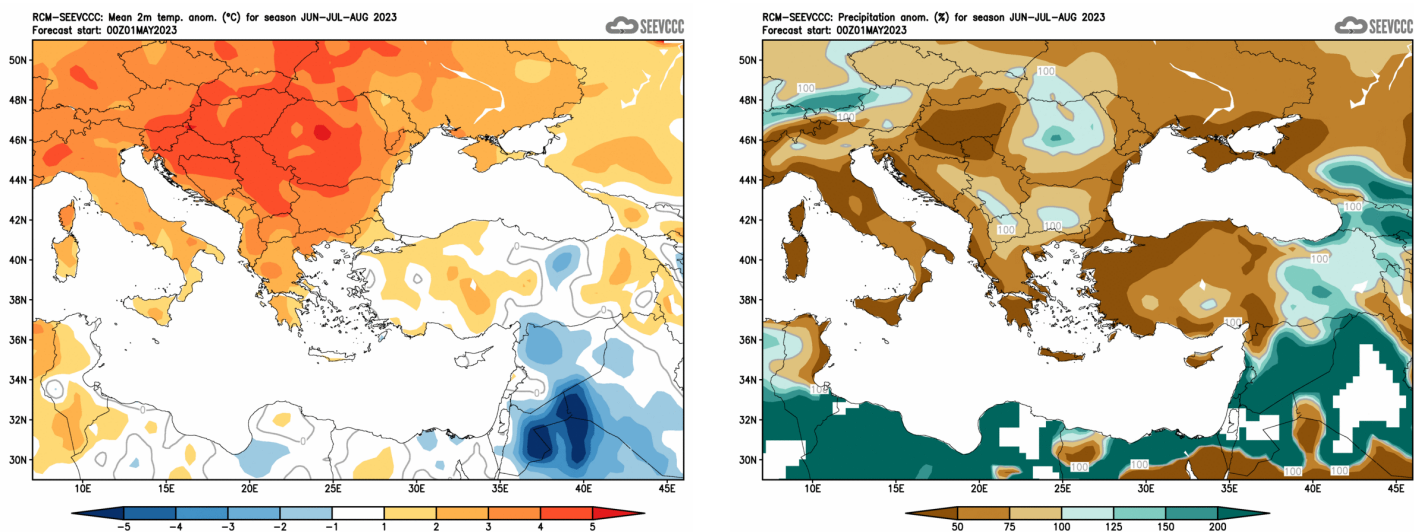
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center)



**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 12.6–18.6.2023 period (source: European Centre for Medium-Range Weather Forecasts)



**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 19.6–26.6.2023 period (source: European Centre for Medium-Range Weather Forecasts)



**Figure 5.** Mean seasonal temperature and precipitation anomaly for the season JJA (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 Centre 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/>)