Climate Watch (Serial No.: 20220530–21)

Initial/Updated/Final

Topic: **precipitation**

Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled: 30-5-2022 16:00 P.M.

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Valid from – to: 30-5-2022 – 31-8-2022 Next amendment: 6-6-2022

Region of concern: **SEE**

„Within the first week (30 May to 5 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in most of the region, with anomaly up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in most of the region, with up to 90% probability for exceeding lower tercile.“

Monitoring

During the period from 22 to 28 May 2022, weekly precipitation sums were below 25 mm in most of the region, except in Panonian Plain, where they were up to 50 mm.

Outlook

Within the first week (30 May to 5 June 2022), ECMWF monthly forecast predicts above average mean weekly air temperature in most of the region, with anomaly up to +6°C and up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in most of the region, with up to 90% probability for exceeding lower tercile.

During the second week (6 to 12 June 2022), above average temperature is expected in most of the region, with anomaly up to +3°C and up to 80% probability for exceeding upper tercile. Average precipitation sums are expected for most of the region.

During the following three months (June, July and August), seasonal forecast predicts above normal seasonal air temperature in the Balkans, western and central Ukraine, as well as central and eastern Turkey. Precipitation surplus is expected in the South Caucasus region. Precipitation deficit is predicted for most of the Balkans, Ukraine, Cyprus and Turkey.

Update

An updated statement will be issued on 6-6-2022

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

ANNEX

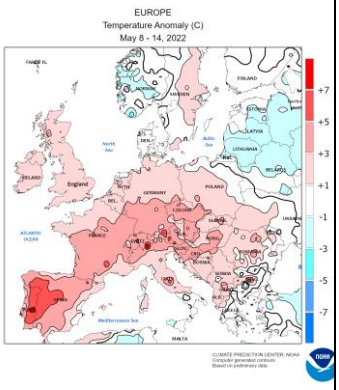
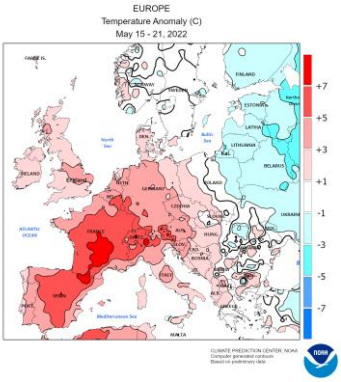
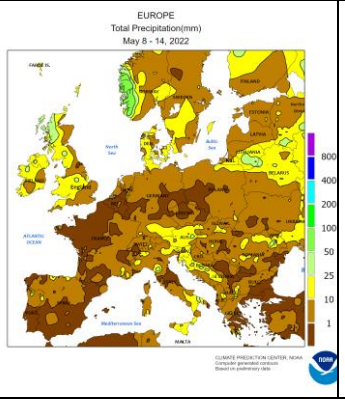
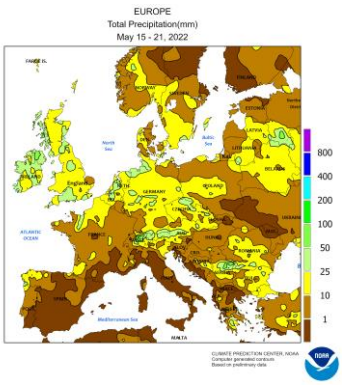
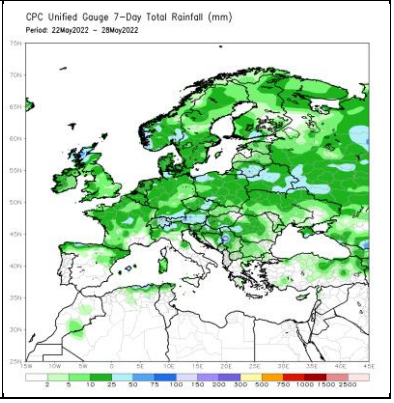
8.5-14.5.2022	15.5-21.5.2022	22.5-28.5.2022
		-
		

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

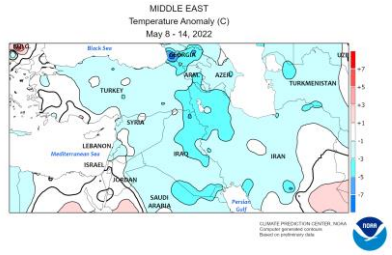
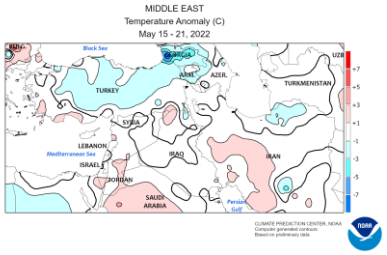
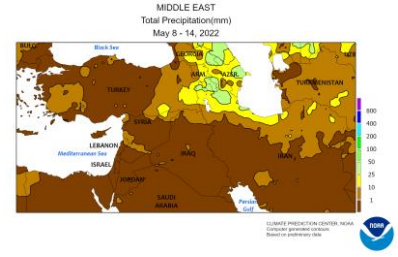
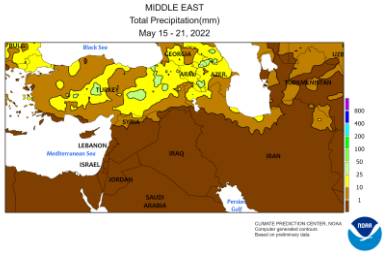
8.5-14.5.2022	15.5-21.5.2022	-
		-
		-

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

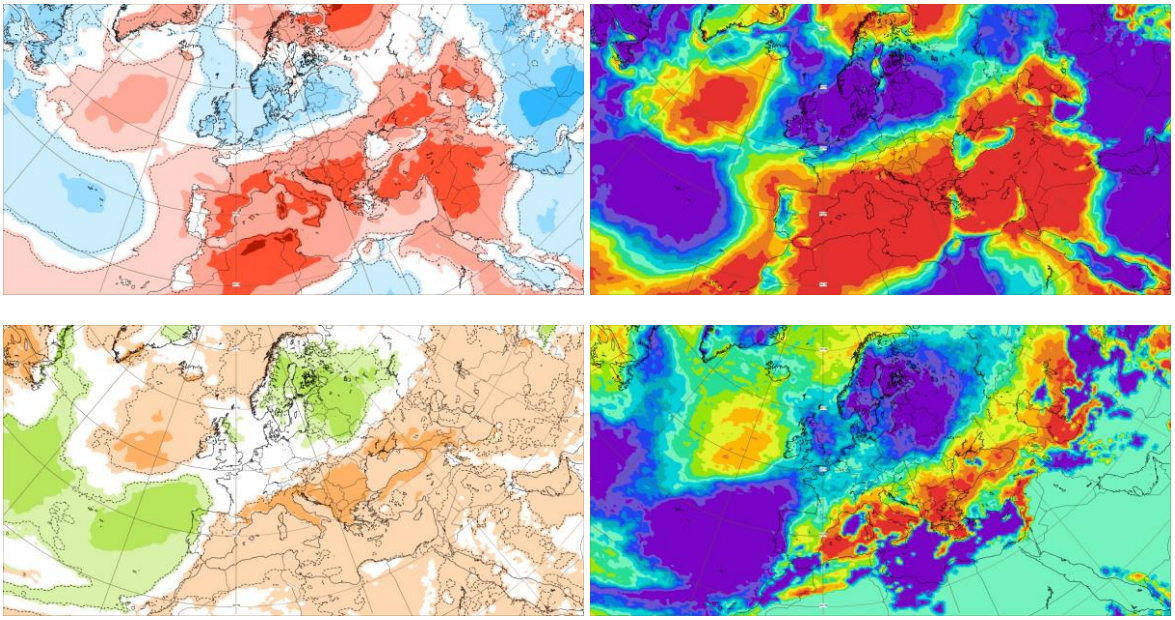


Figure 3. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 30.5–5.6.2022 period

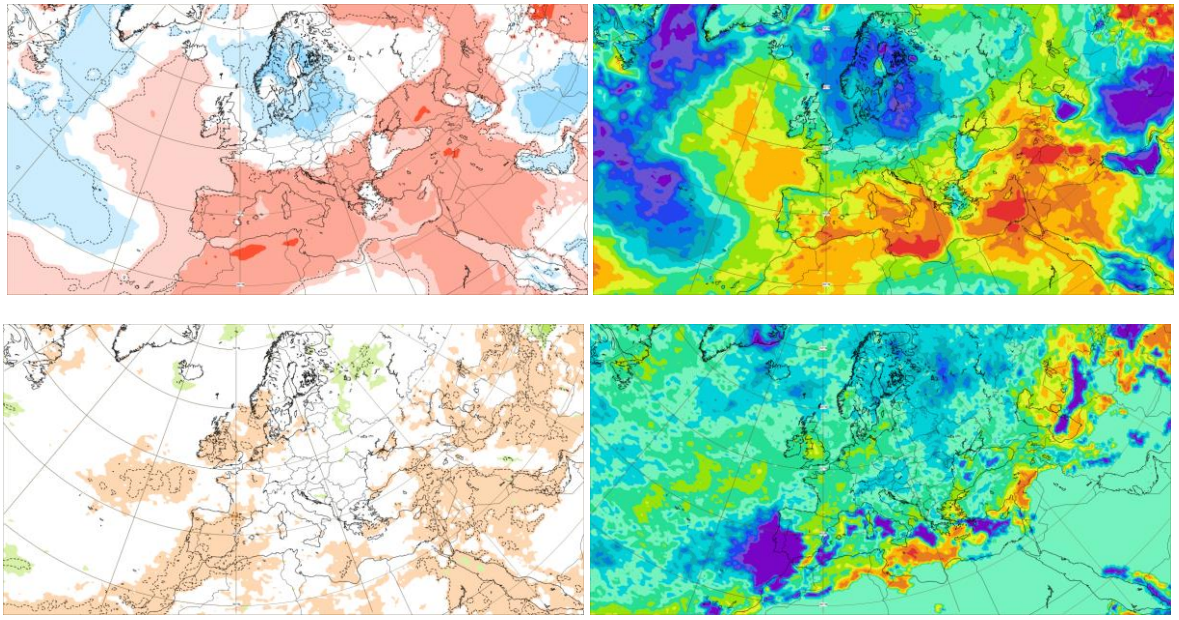


Figure 4. Outlook for the temperature anomalies and probability for the upper tercile (upper row), along with the precipitation surplus/deficit and probability for the lower tercile (lower row) for the 6.6–12.6.2022 period

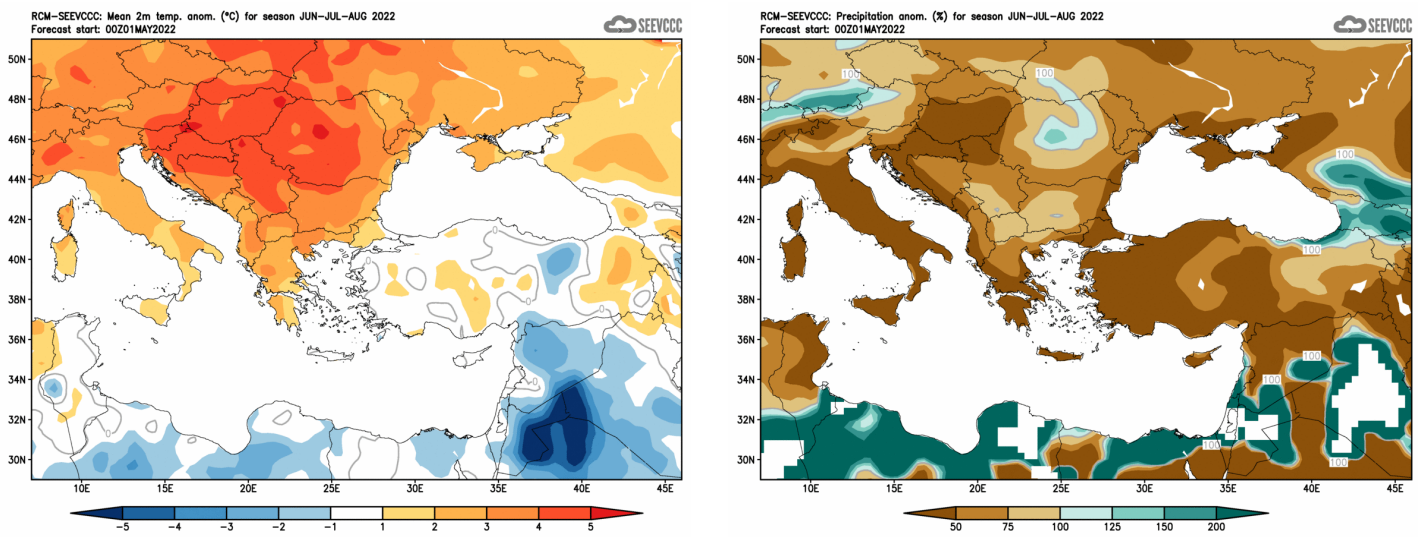


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- 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/)