Climate Watch (Serial No.: 20210628–26)

Initial/Updated/Final

Topic**: temperature** and **precipitation**
Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled: 28-6-2021 16:00 P.M.

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Valid from – to: 28-6-2021 – 30-9-2021 Next amendment: 5-7-2021

Region of concern: **SEE**

„Within the following four weeks (28 June to 25 July 2021), ECMWF monthly forecast predicts above average temperature for almost the entire region, beside northeastern Balkans, southern Ukraine and western Turkey, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is forecasted for the eastern Balkans, southern Ukraine, as well as northern Turkey, with probability up to 60% for exceeding upper tercile, until the 11 July."

Monitoring

During the period from 20 to 26 June 2021, in almost the entire region, weekly precipitation sums were below 25 mm. At some scattered locations in Romania, western Ukraine and northwestern Turkey precipitation totals were up to 50 mm, few locations in central Greece and eastern Romania received even more than 60 mm of precipitation.

Outlook

Within the first week (28 June to 4 July 2021), ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the region, beside eastern Romania, western Turkey, southern and eastern Ukraine, with anomaly up to +4°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is forecasted for the eastern Balkans, eastern Ukraine and northeastern Turkey, with probability up to 60% for exceeding upper tercile.

During the second week (5 to 11 July 2021), above average temperature is predicted for the northwestern Balkans, Pannonian Plain, Aegean Sea, northwestern Ukraine, Eastern Mediterranean, eastern Turkey and South Caucasus, with anomaly up to +3°C and around 80% probability for exceeding upper tercile. Precipitation surplus is forecasted for the eastern and southern Balkans, eastern and southern Ukraine, as well as northern Turkey, with probability up to 60% for exceeding upper tercile.

In the period from 28 June to 25 July 2021, above average temperature is predicted for almost the entire region, beside northeastern Balkans, southern Ukraine and western Turkey, with anomaly up to +3°C and up to 90% probability for exceeding upper tercile. Precipitation surplus is forecasted for the eastern and southern Balkans, eastern and southern Ukraine, as well as northern Turkey, with probability around 60% for exceeding upper tercile. Precipitation deficit is forecasted for southeastern Turkey with up to 60% probability for exceeding lower tercile.

During the following three months (July, August and September) seasonal forecast predicts above normal seasonal air temperature for the northern Balkans, Pannonian Plain and Carpathian Mountains, as well as western and central Ukraine. Precipitation surplus is expected for southern Carpathian Mountains, northeastern Turkey and South Caucasus region. Precipitation deficit is predicted along the Adriatic Sea cost, southern Balkans, Pannonian Plain, southern Ukraine and most of Turkey.

Update

An updated statement will be issued on 5-7-2021

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

ANNEX

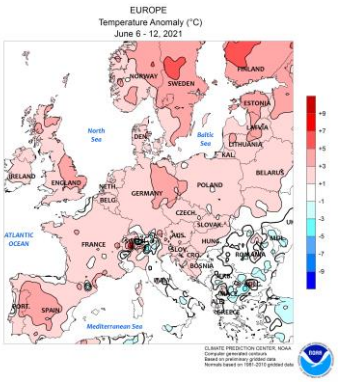
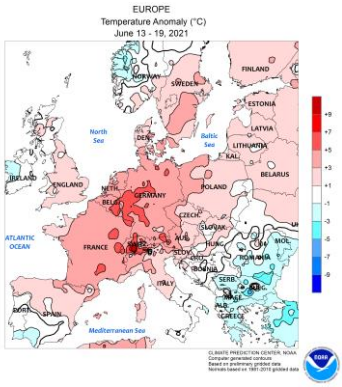
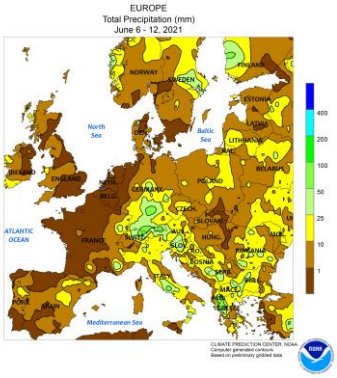
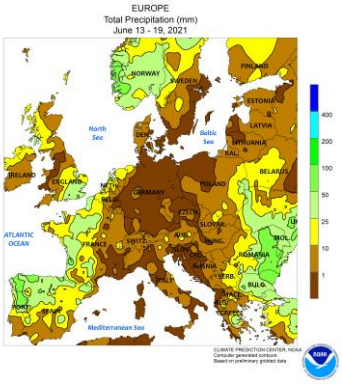
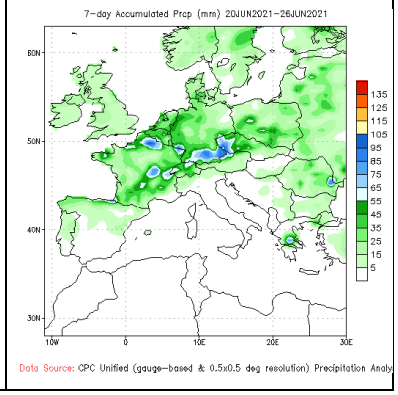
6-12.6.2021	13-19.6.2021	20-26.6.2021
		-
		

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

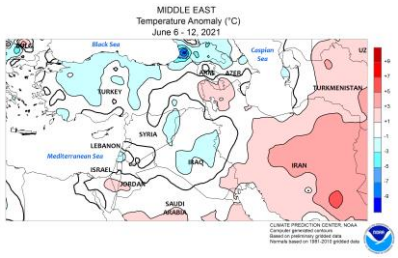
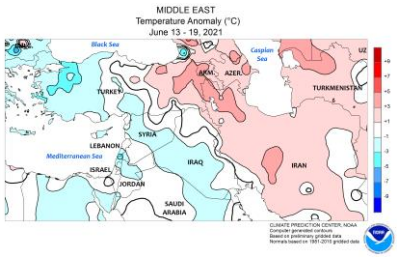
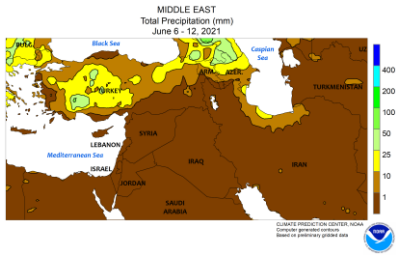
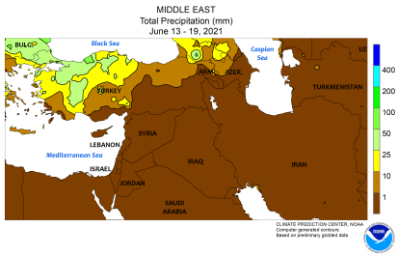
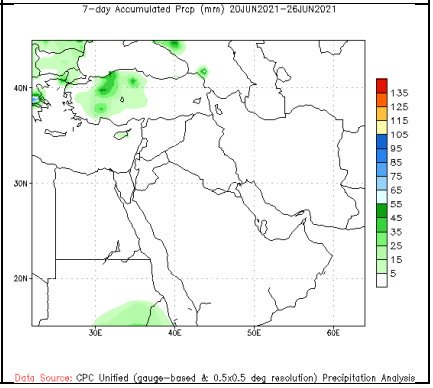
6-12.6.2021	13-19.6.2021	20-26.6.2021
		-
		

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

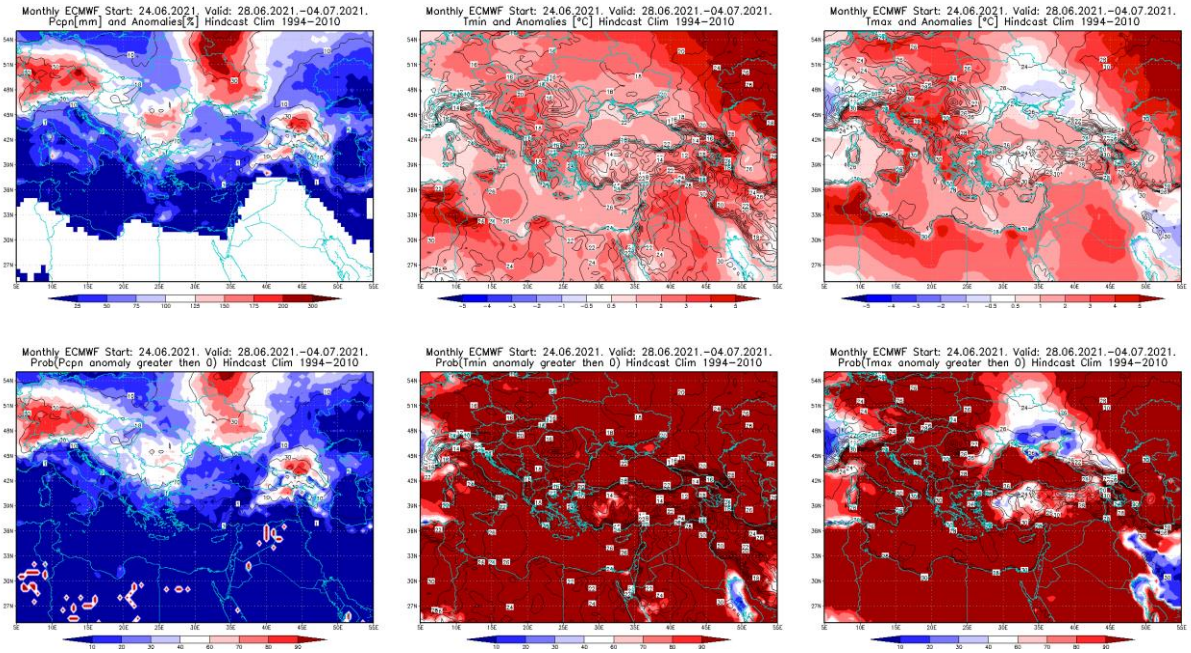


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 28.6–4.7.2021 period

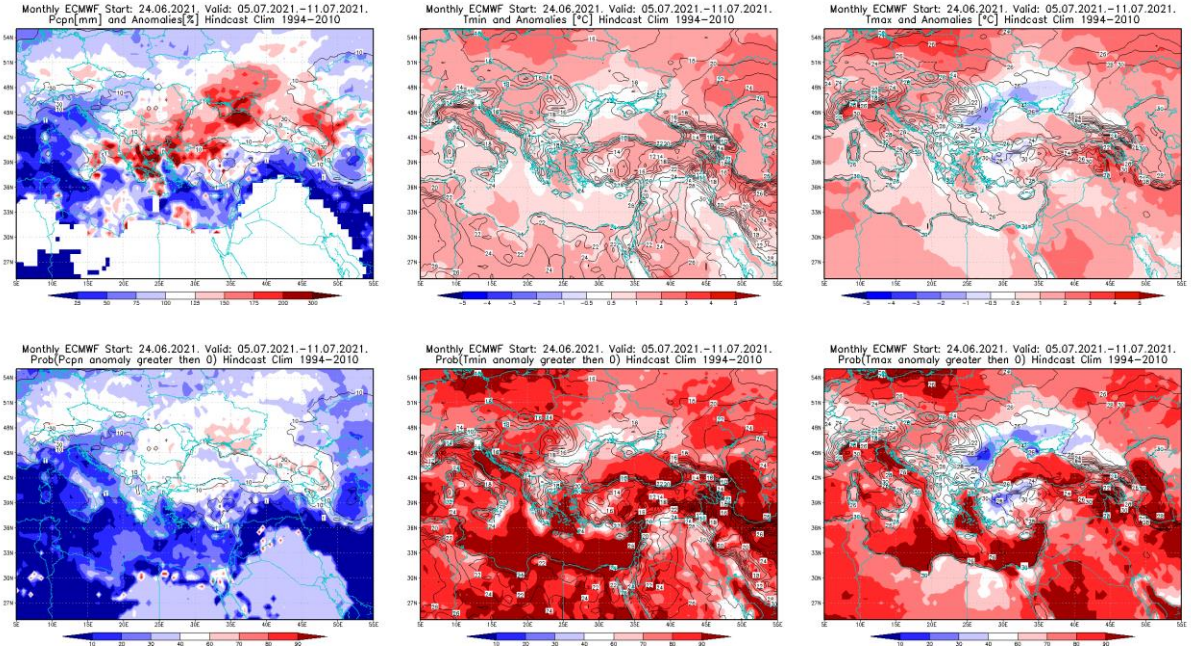


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 5.7–11.7.2021 period

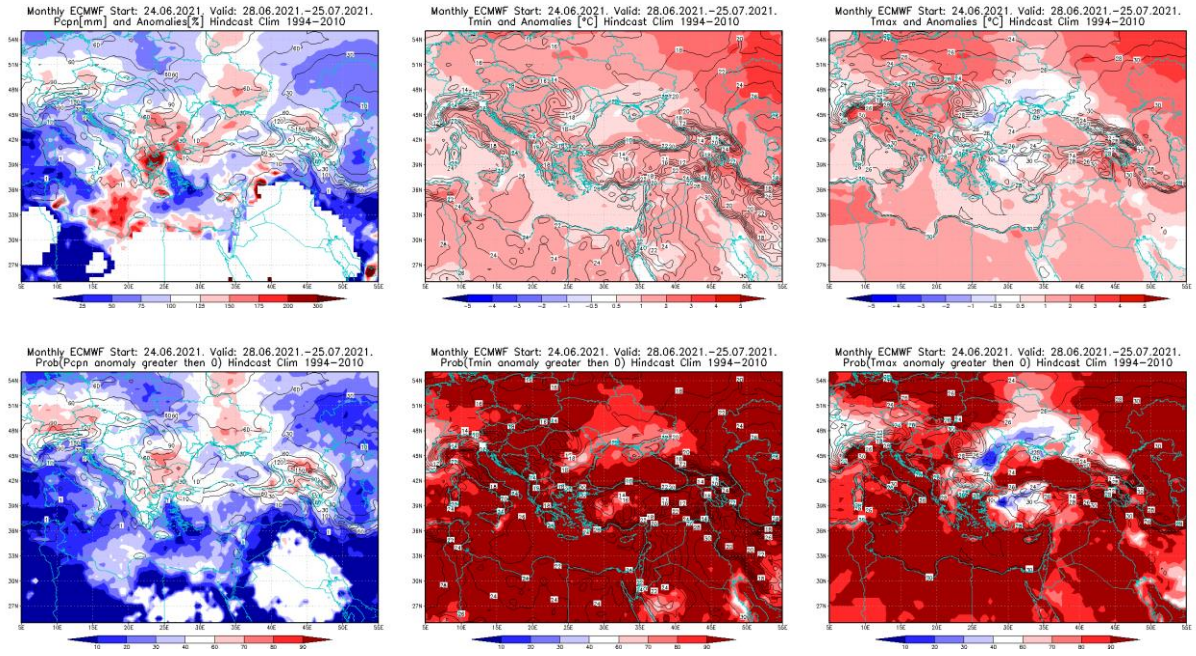


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 28.6–25.7.2021 period

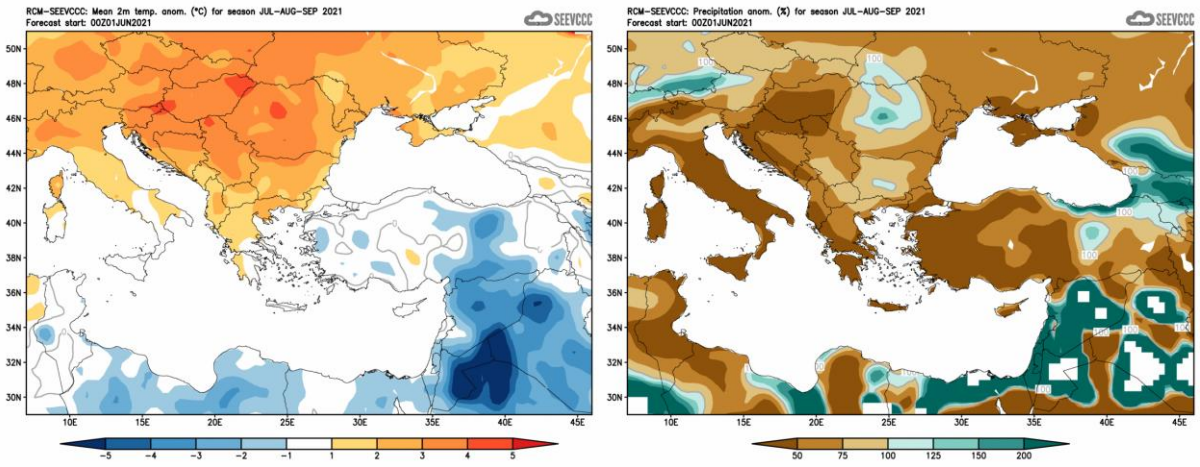


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook from RCM – SEEVCCC)

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/)