

## Climate Watch (Serial No.: 20200601 – 22)

Initial/Updated/Final

Topic: **temperature and precipitation**

Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled 1-6-2020 12:00 P.M.

Contact: E-mail: [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)  
Phone: +381112066925  
Fax: +381112066929

Valid from – to: 1-6-2020 – 31-8-2020 Next amendment: 8-6-2020

Region of concern: **SEE**

**„In the period from June 1<sup>st</sup> to 7<sup>th</sup> 2020, ECMWF monthly forecast predicts below normal mean weekly air temperature for the Balkans and western and central Turkey with anomaly up to -4°C. Above normal mean weekly air temperature is predicted for eastern Turkey and South Caucasus, with anomaly up to +3°C. Probability for exceeding lower/upper tercile is around 90%. Precipitation surplus is expected for western Turkey and Aegean Sea, with probability for exceeding upper tercile around 90%. Precipitation deficit is predicted for central Balkans and southern Turkey with probability for exceeding lower tercile around 60%.“**

### Monitoring

During the period from May 24<sup>th</sup> to 30<sup>th</sup> 2020, most of the SEE region received up to 25 mm of precipitation. In Serbia, Romania and Bulgaria precipitation sums up to 75 mm are registered.

## **Outlook**

Within the first week (June 1<sup>st</sup> to 7<sup>th</sup> 2020), ECMWF monthly forecast predicts below normal mean weekly air temperature for the Balkans and western and central Turkey with anomaly up to -4°C. Above normal mean weekly air temperature is predicted for eastern Turkey and South Caucasus, with anomaly up to +3°C. Probability for exceeding lower/upper tercile is around 90%. Precipitation surplus is expected for western Turkey and Aegean Sea, with probability for exceeding upper tercile around 90%. Precipitation deficit is predicted for central Balkans and southern Turkey with probability for exceeding lower tercile around 60%.

During the second week (June 8<sup>th</sup> to 14<sup>th</sup> 2020), above normal weekly air temperature is forecasted for central Turkey, with anomaly up to +2°C and probability for exceeding upper tercile around 60%. Average temperature is expected in most of the Balkans, western and eastern Turkey. Precipitation surplus is expected for the northern Balkans, with probability for exceeding upper tercile around 60%. Precipitation deficit is predicted for most of Turkey with probability for exceeding lower tercile around 60%.

In the period from June 1<sup>st</sup> to June 28<sup>th</sup> 2020, below normal mean weekly air temperature is predicted for most of the Balkans and western Turkey, with anomaly up to -2°C and probability for exceeding lower tercile up to 70%. Average precipitation sums are expected in most of the Balkans. Precipitation surplus is expected for western Turkey and Aegean Sea, with probability for exceeding upper tercile around 80%. Precipitation deficit is expected for southern and eastern Turkey with probability for exceeding lower tercile around 60%.

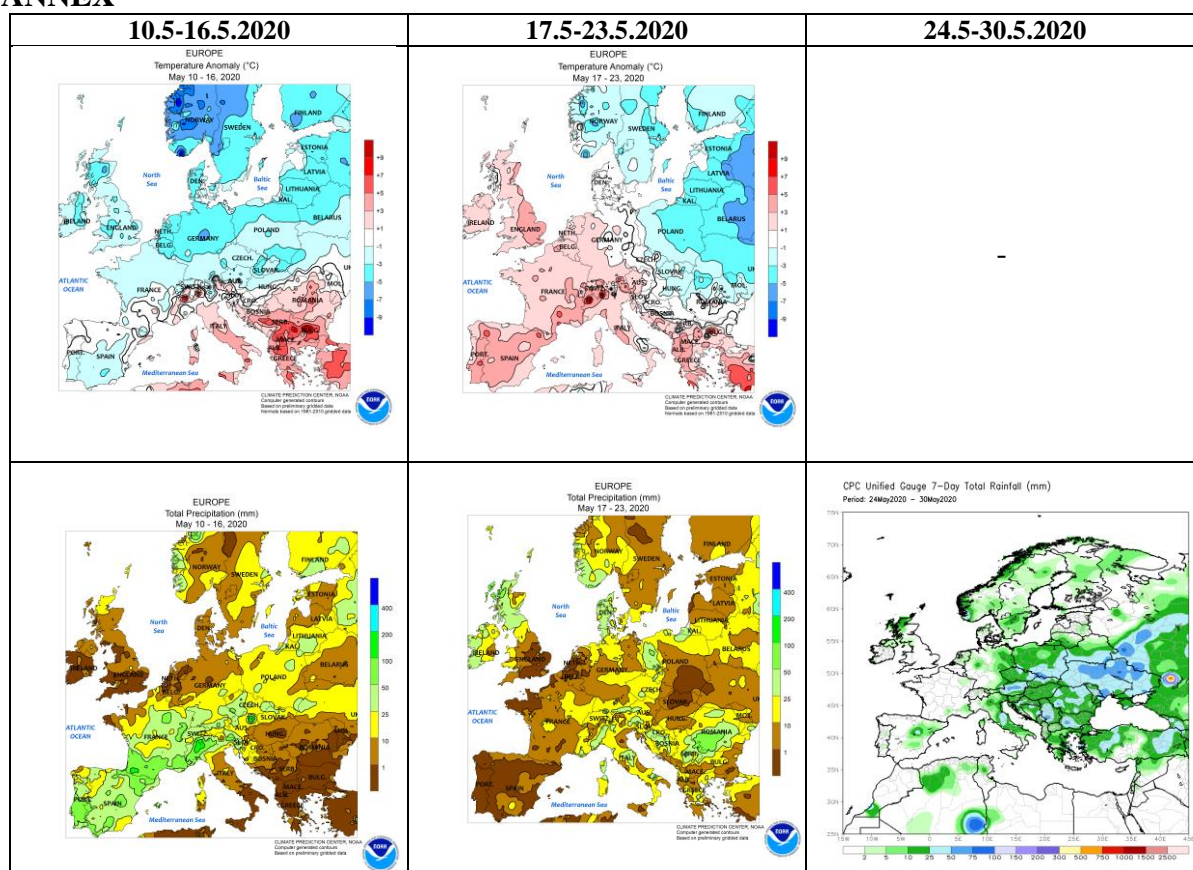
During the following three months (June, July and August) seasonal forecast predicts above normal seasonal air temperature for the Balkans, Romania, Moldova and Ukraine. Below normal seasonal air temperature is expected in Jordan and parts of northeastern and southern Turkey. Precipitation surplus is predicted for the Carpathian region, northeastern Turkey, South Caucasus, most of Israel and Jordan. Precipitation deficit is expected in rest of the SEE region.

## **Update**

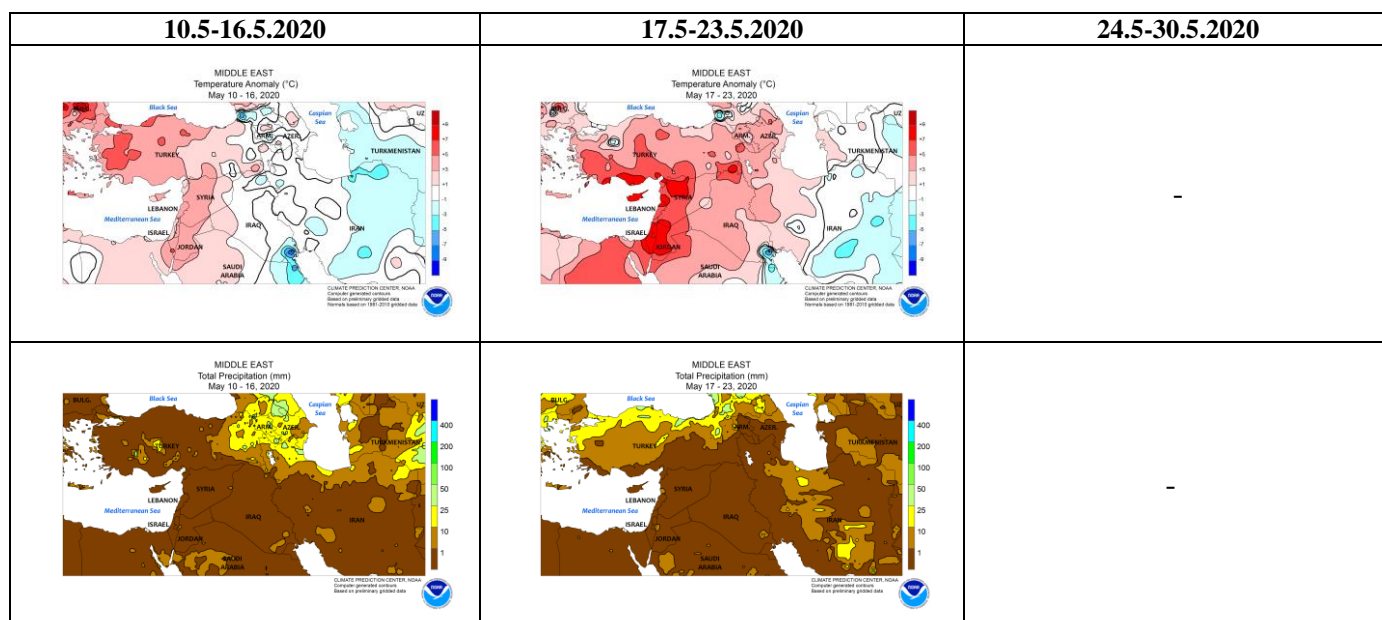
An updated statement will be issued on 8-6-2020

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

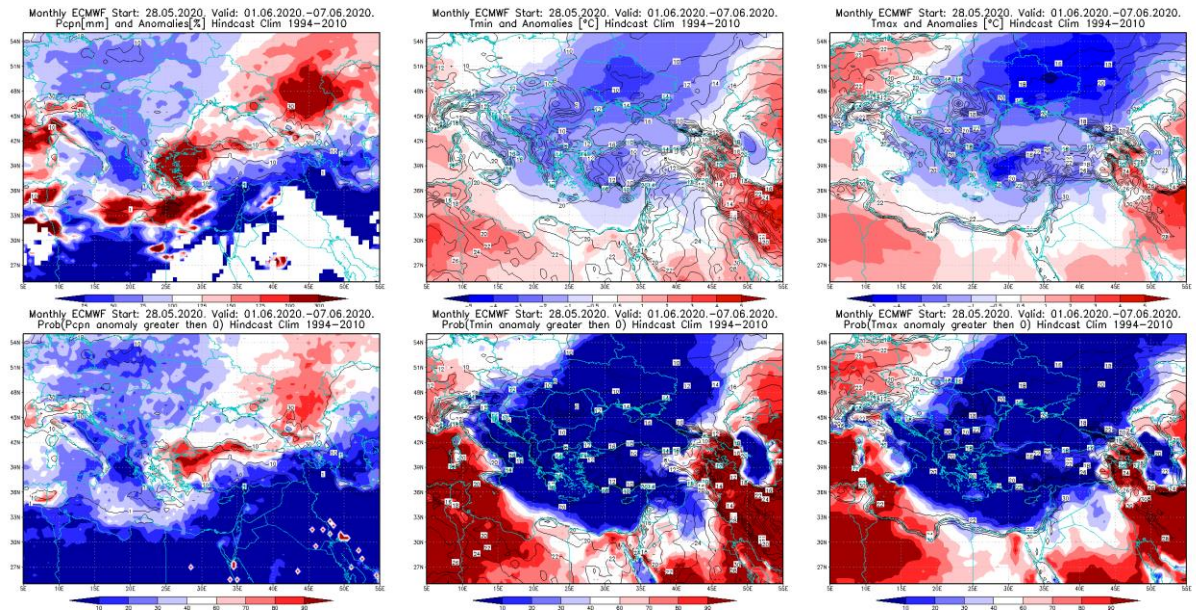
## ANNEX



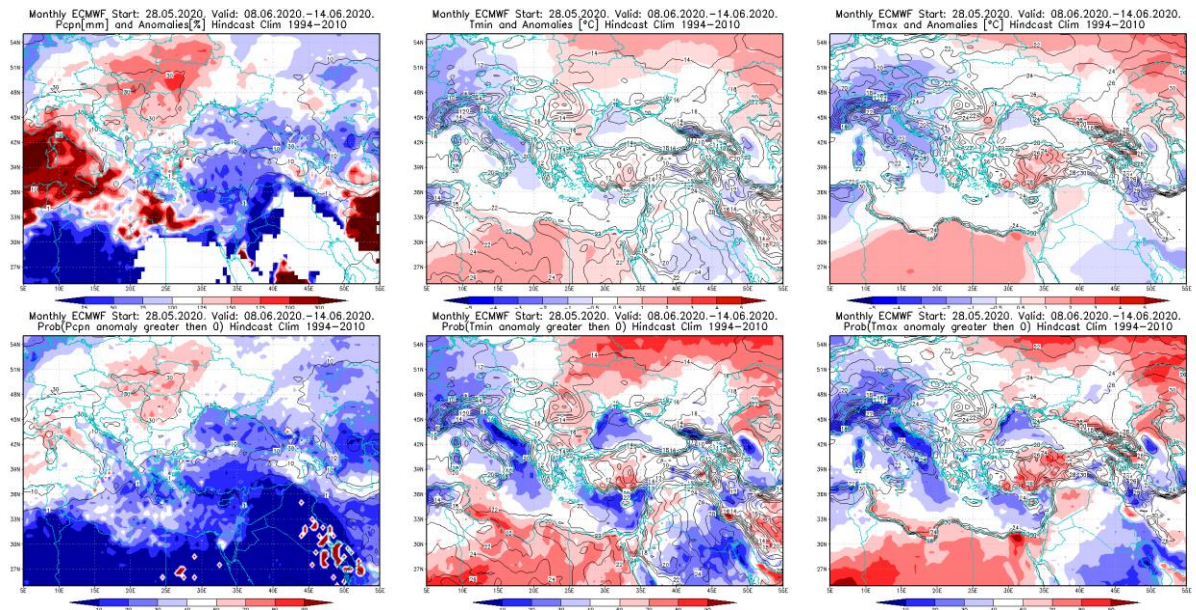
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



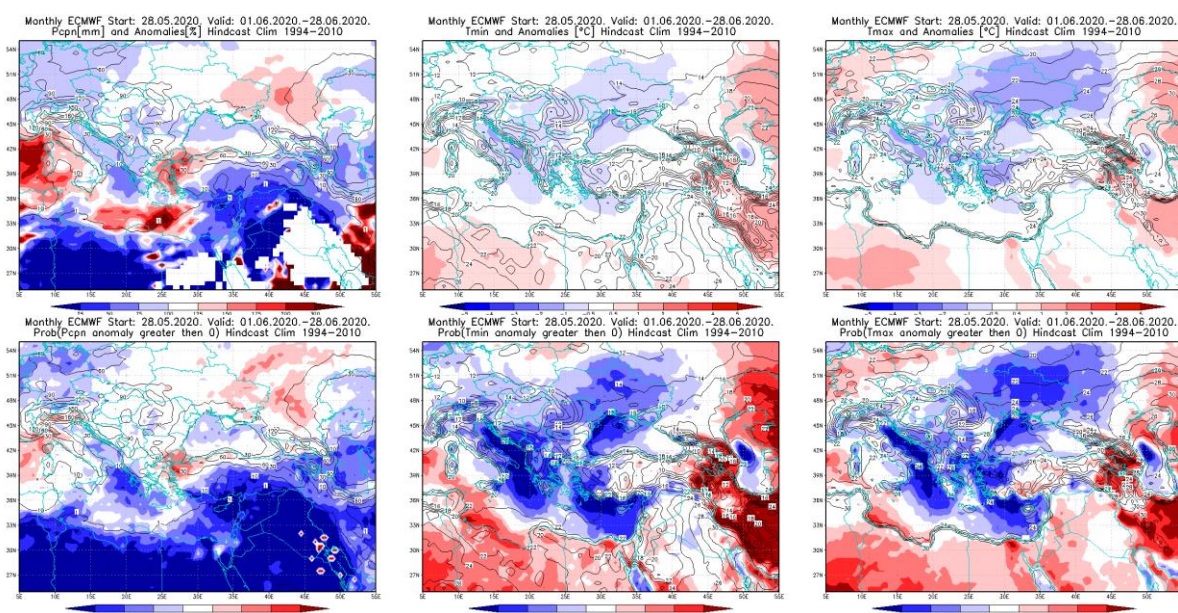
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



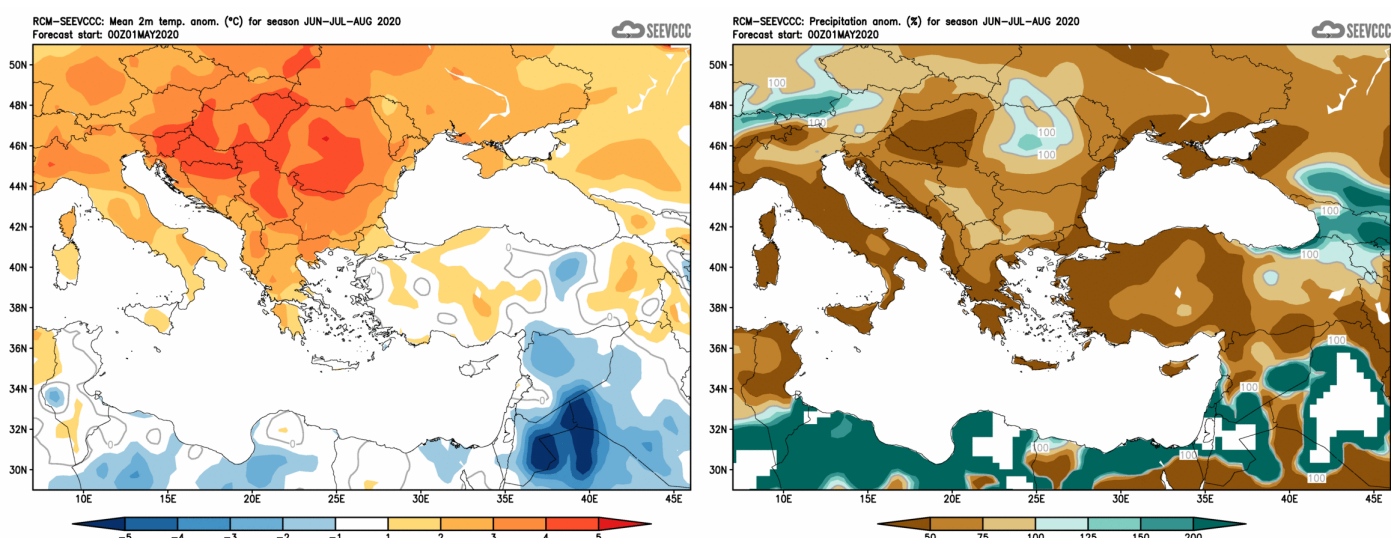
**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 1.6–7.6.2020 period



**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 8.6–14.6.2020 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 1.6–28.6.2020 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](http://www.hidmet.gov.rs))
- South East European Virtual Climate Change Center ([www.seevccc.rs](http://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/>)