

## Climate Watch (Serial No.: 20200727 – 30)

Initial/Updated/Final

Topic: **temperature and precipitation**

Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled 27-7-2020 12:00 P.M.

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Valid from – to: 27-7-2020 – 31-10-2020 Next amendment: 3-8-2020

Region of concern: **SEE**

**„In the period from July 27<sup>th</sup> to August 2<sup>nd</sup> 2020, ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the Balkans and south Turkey with anomaly up to +3°C and probability for exceeding upper tercile around 90%. Below normal temperature is expected for South Caucasus with anomaly up to -3°C and probability for exceeding lower tercile around 70%. Precipitation deficit is predicted for most of the region, with up to 80% probability for exceeding lower tercile.”**

### Monitoring

During the period from July 19<sup>th</sup> to 25<sup>th</sup> 2020, precipitation sums in Serbia reached up to 75 mm, central Romania up to 100 mm, while the rest of the region received up to 25 mm of precipitation.

## **Outlook**

Within the first week (July 27<sup>th</sup> to August 2<sup>nd</sup> 2020), ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the Balkans and south Turkey with anomaly up to +3°C and probability for exceeding upper tercile around 90%. Below normal temperature is expected for South Caucasus with anomaly up to -3°C and probability for exceeding lower tercile around 70%. Precipitation deficit is predicted for most of the region, with up to 80% probability for exceeding lower tercile.

During the second week (August 3<sup>rd</sup> to 9<sup>th</sup> 2020), above normal temperature is expected in most of the region with anomaly up to +3°C and probability for exceeding upper tercile around 80%. Precipitation deficit is expected in the southern and eastern Balkans and western Turkey, with up to 70% probability for exceeding lower tercile. In rest of the region average precipitation is expected.

In the period from July 27<sup>th</sup> to August 23<sup>rd</sup> 2020, above normal mean weekly air temperature is predicted for most of the Balkans and western Turkey with anomaly up to +3°C and probability for exceeding upper tercile up to 90%. Precipitation deficit is forecasted for most of the Balkans and western Turkey, with up to 60% probability for exceeding lower tercile.

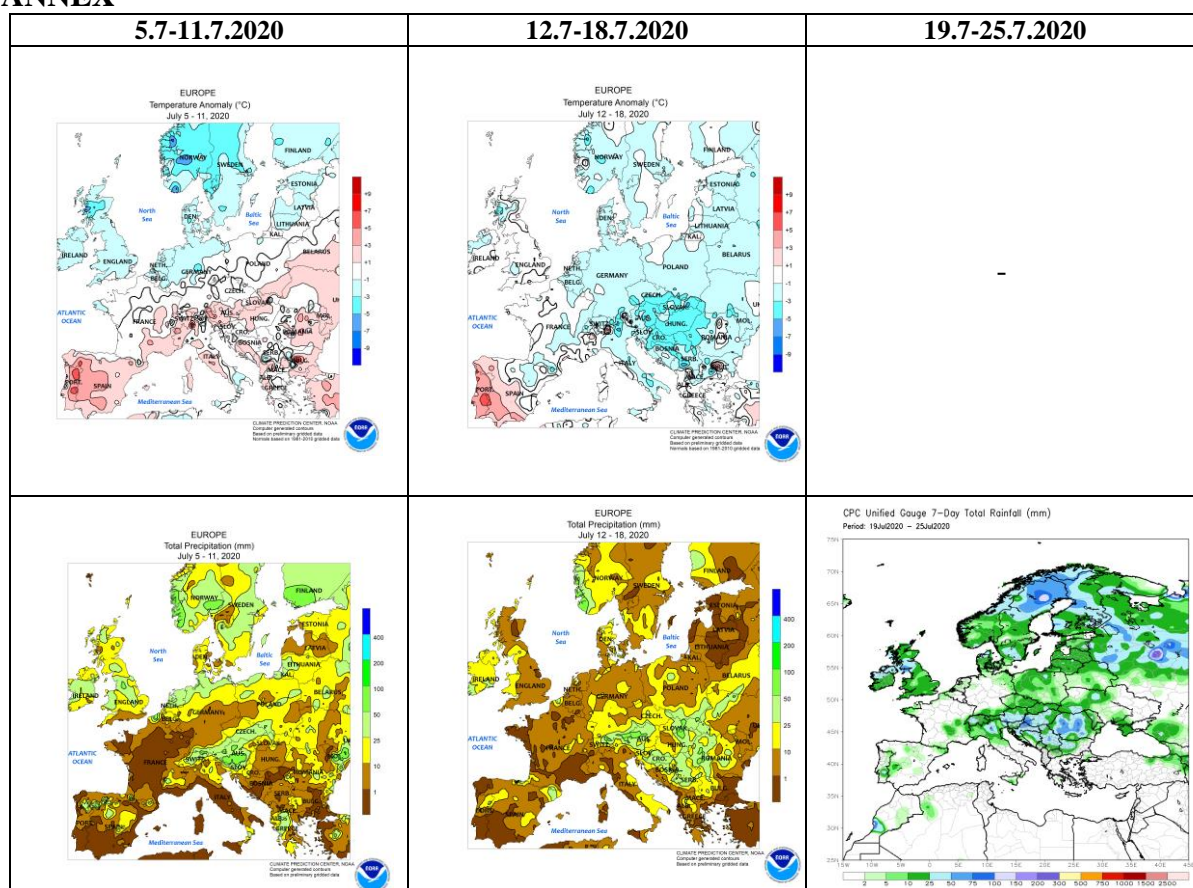
During the following three months (August, September and October) seasonal forecast predicts above normal seasonal air temperature for most of the Balkans, Romania, Moldova and Ukraine. Average precipitation is expected for most of the region. Precipitation surplus is predicted for the Carpathian region, some parts of northern Turkey and South Caucasus. Precipitation deficit is expected in the southern Balkans and southern Turkey.

## **Update**

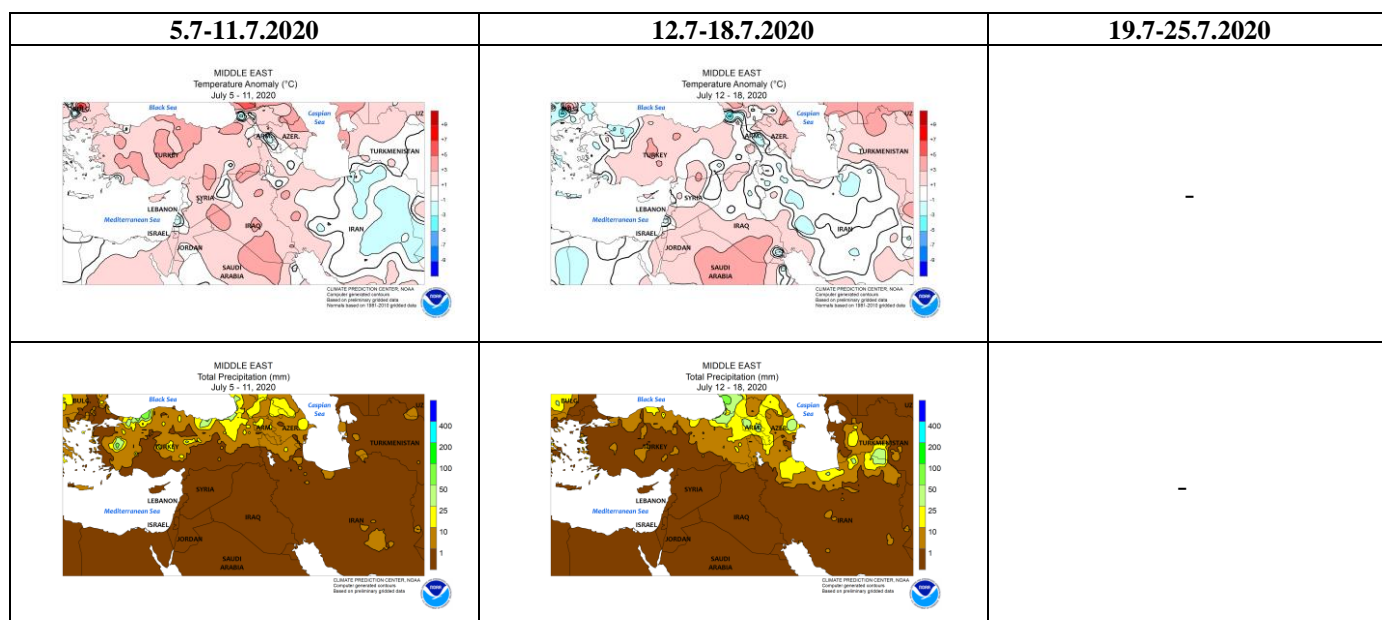
An updated statement will be issued on 3-8-2020

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

## ANNEX

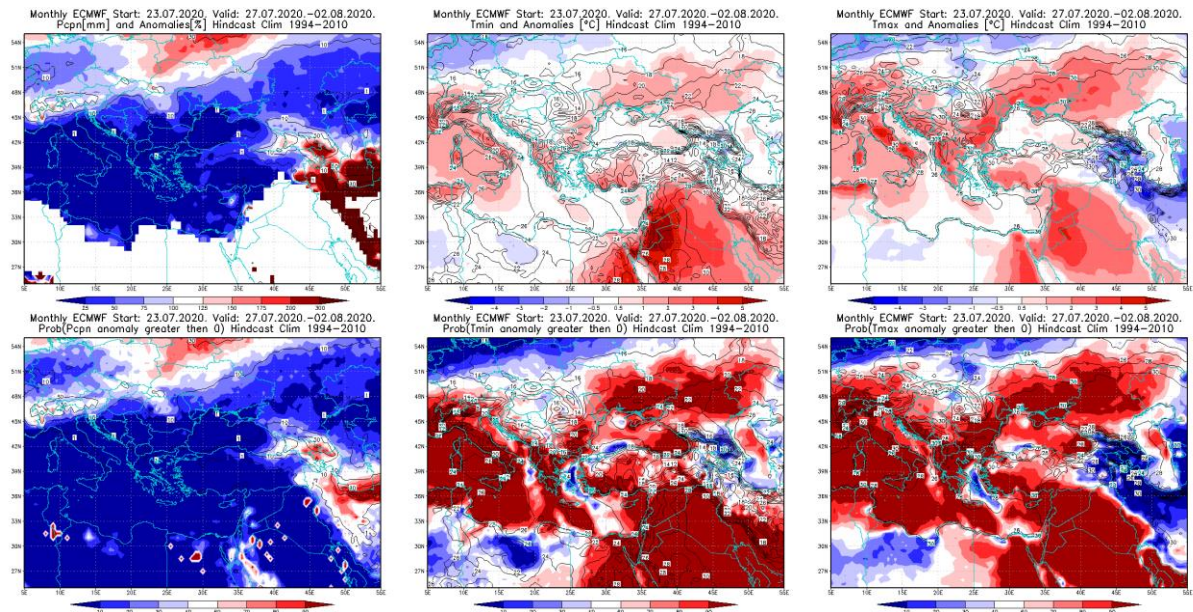


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

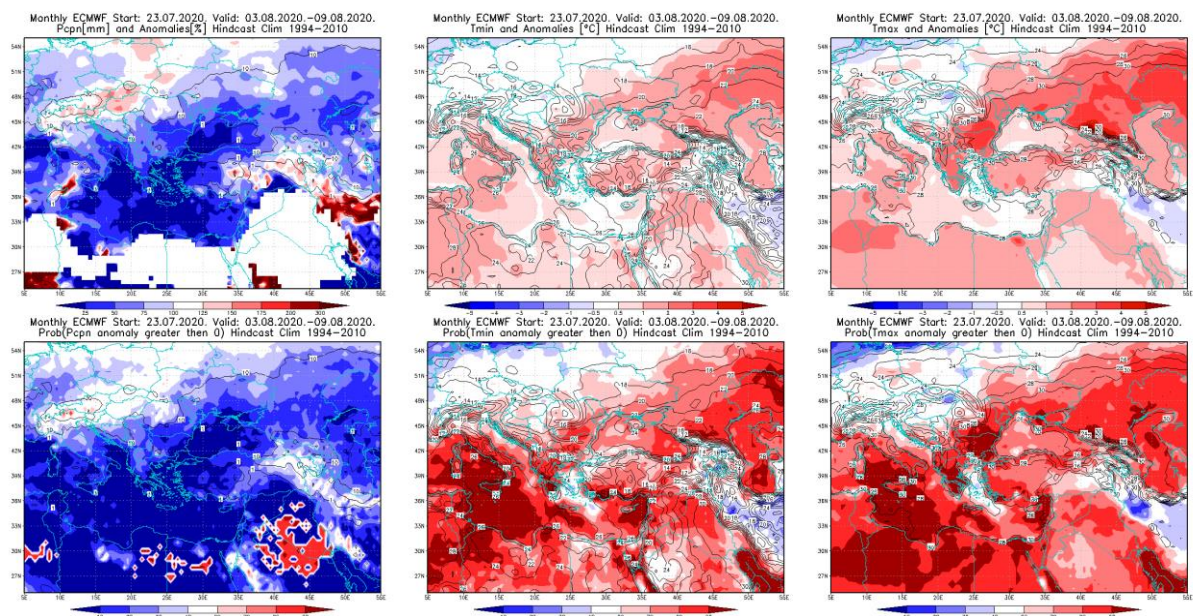


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



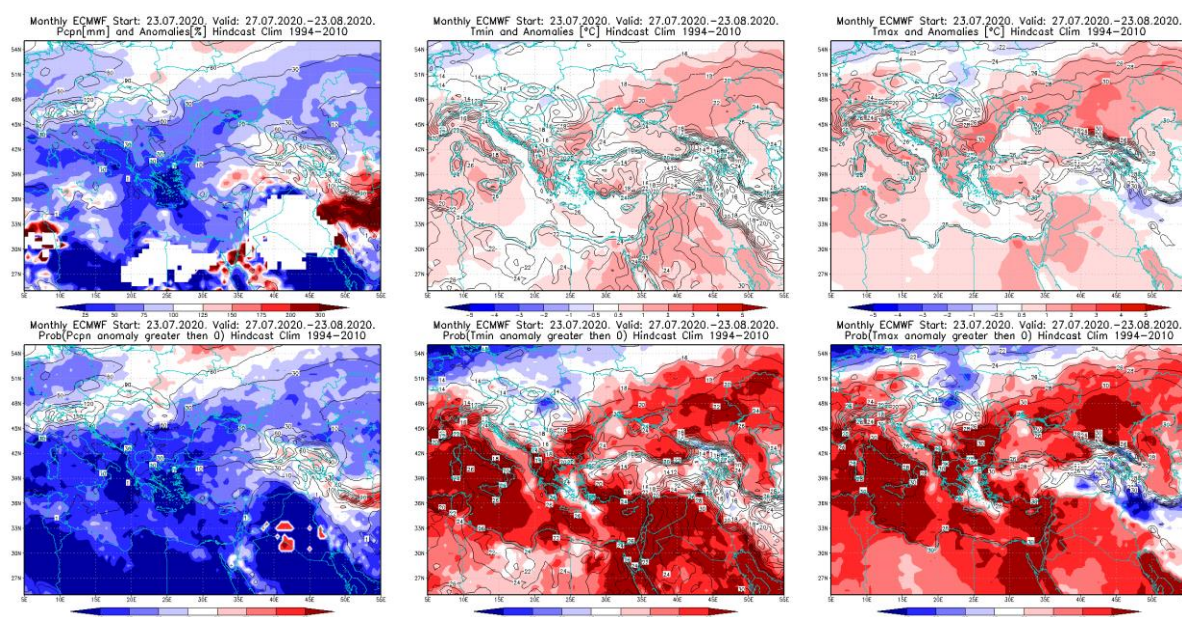


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 27.7–2.8.2020 period

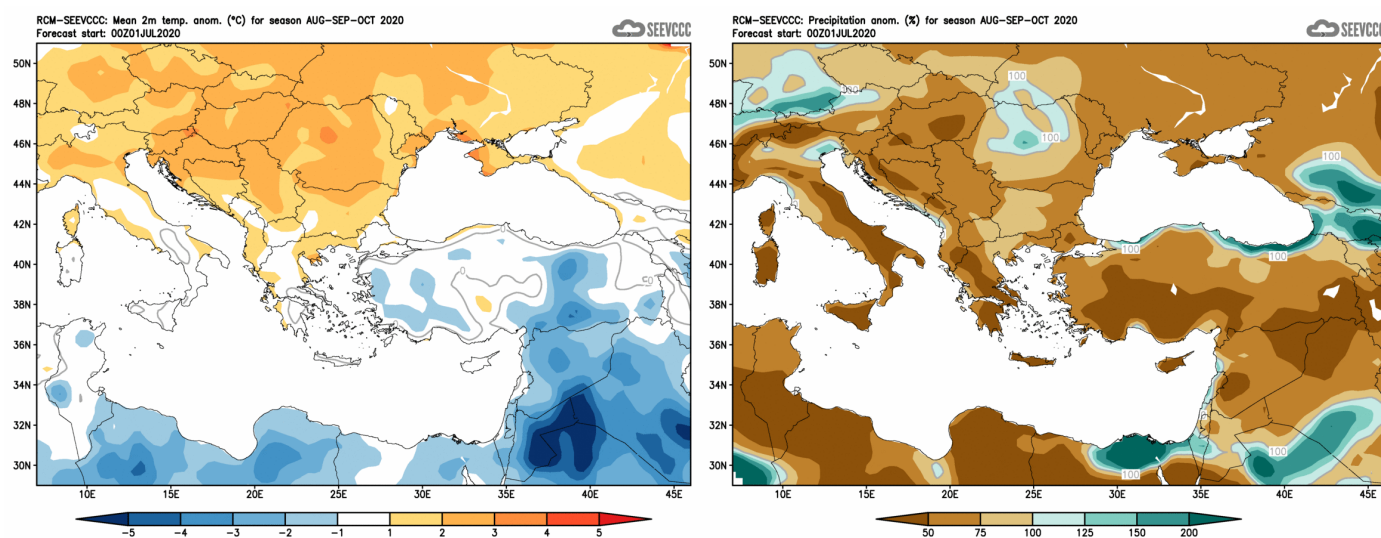


**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 3.8–9.8.2020 period





**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 27.7–23.8.2020 period



**Figure 6.** Mean seasonal temperature and precipitation anomaly for the season ASO (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/>)