Climate Watch (Serial No.: 20200803 – 31)

Initial/Updated/Final

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

Issued/ Amended / Cancelled: 3-8-2020 12:00 P.M.

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

Region of concern: **SEE**

„In the period from July 27th to August 2nd 2020, ECMWF monthly forecast predicts below normal mean weekly air temperature for most of the Balkans, western Ukraine, northern and central Turkey, as well as south Caucasus with anomaly around -2°C and probability for exceeding upper tercile around 90%. In rest of the region average weekly temperature is expected. Precipitation surplus is forecasted for most of the western Balkans, southern Greece, some parts of the central Balkans and along Adriatic coasts, with up to 70% probability for exceeding upper tercile. Precipitation deficit is predicted for most of the eastern Balkans, Turkey and some location on the south Caucasus, with up to 80% probability for exceeding lower tercile."

Monitoring

During the period from July 26th to August 1st 2020, precipitation sums in western Bulgaria, Romania, most of Ukraine and central Georgia reached up to 50 mm, while rest of the region received up to 25 mm of precipitation.

Outlook

Within the first week (August 3rd to 9th 2020), ECMWF monthly forecast predicts below normal mean weekly air temperature for most of the Balkans, western Ukraine, northern and central Turkey, as well as south Caucasus with anomaly around -2°C and probability for exceeding upper tercile around 90%. In rest of the region average weekly temperature is expected. Precipitation surplus is forecasted for most of the western Balkans, southern Greece, some parts of the central Balkans and along Adriatic coasts, with up to 70% probability for exceeding upper tercile. Precipitation deficit is predicted for most of the eastern Balkans, Turkey and some location on the south Caucasus, with up to 80% probability for exceeding lower tercile.

During the second week (August 10th to 16th 2020), above normal temperature is expected in the northwestern Balkans, along Adriatic coasts and western Ukraine with anomaly up to +2°C and probability for exceeding upper tercile around 70%. Below normal mean weekly air temperature is expected in most of Turkey and south Caucasus with anomaly reaching up to -3°C. Probability for exceeding lower tercile is up to 80%. Precipitation surplus is forecasted for most of the south Caucasus and northernmost Turkey, with up to 80% probability for exceeding upper tercile. Precipitation deficit is expected in rest of the region, with up to 70% probability for exceeding lower tercile in northwestern Romania.

In the period from August 3rd to 30th 2020, above normal mean weekly air temperature is predicted for most of the northwestern Balkans, parts of the eastern Balkans, Moldova and central Ukraine with anomaly around +1°C and probability for exceeding upper tercile up to 70%. Below normal mean weekly air temperature is expected in most of Turkey and south Caucasus with anomaly up to -2°C. Probability for exceeding lower tercile is around 80%. Precipitation deficit is forecasted for most of Turkey and south Greece with around 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 10-8-2020

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

ANNEX

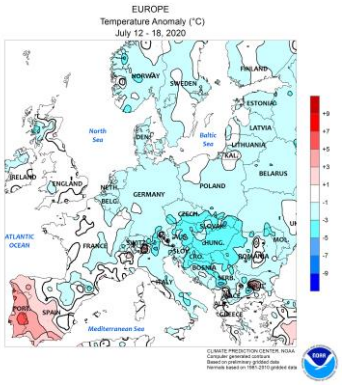
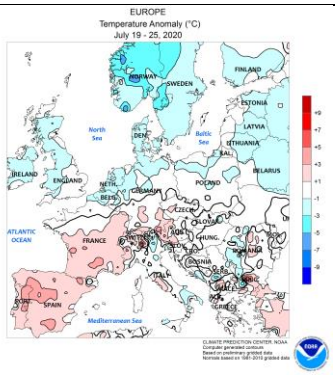
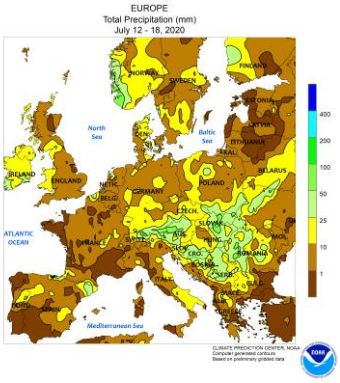
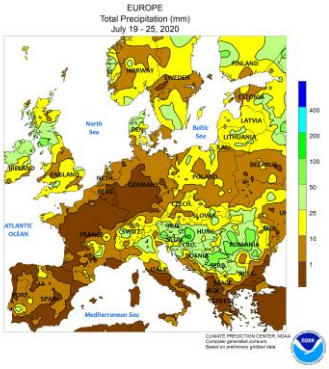
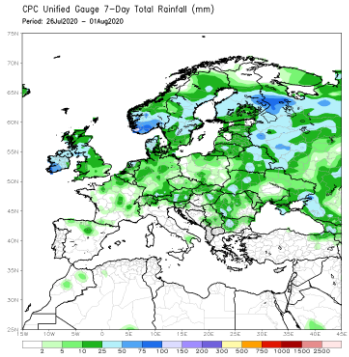
12.7-18.7.2020	19.7-25.7.2020	26.7-1.8.2020
		-
		

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

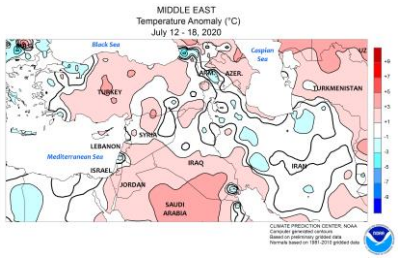
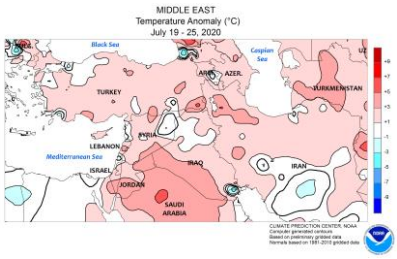
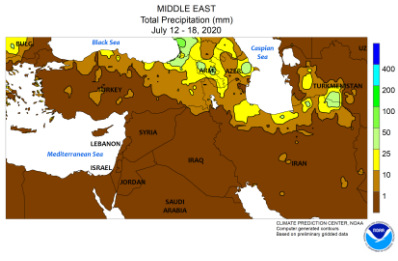
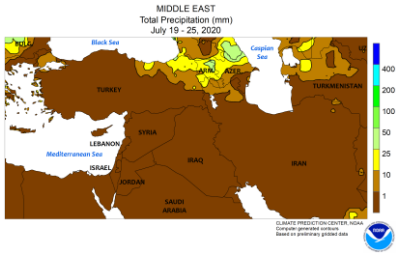
12.7-18.7.2020	19.7-25.7.2020	26.7-1.8.2020
		-
		-

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

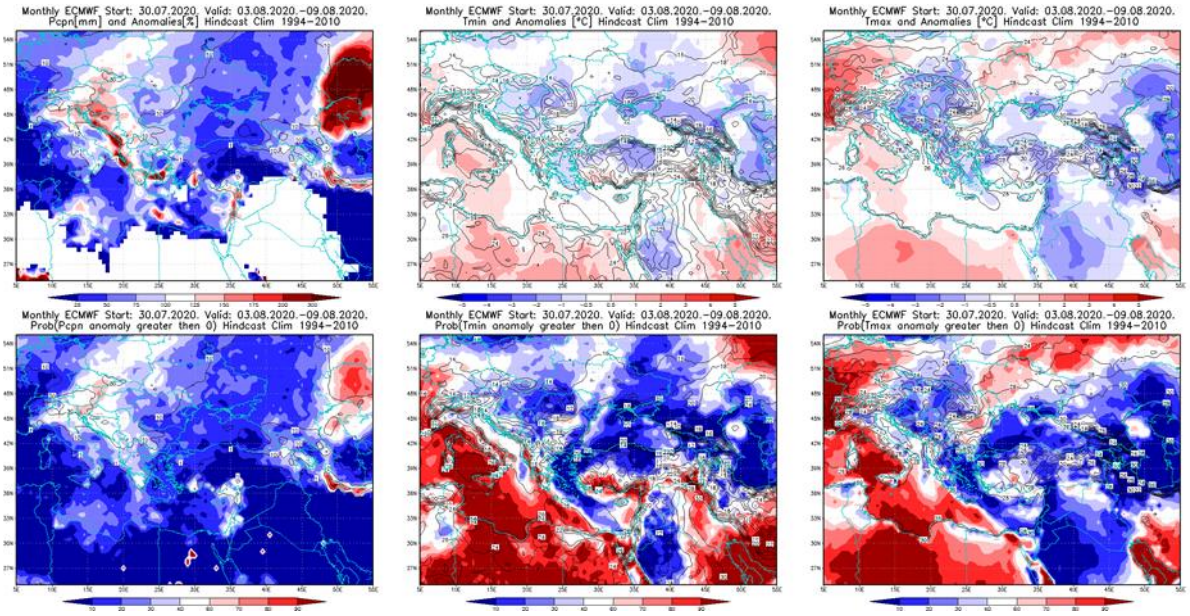


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 3.8–9.8.2020 period

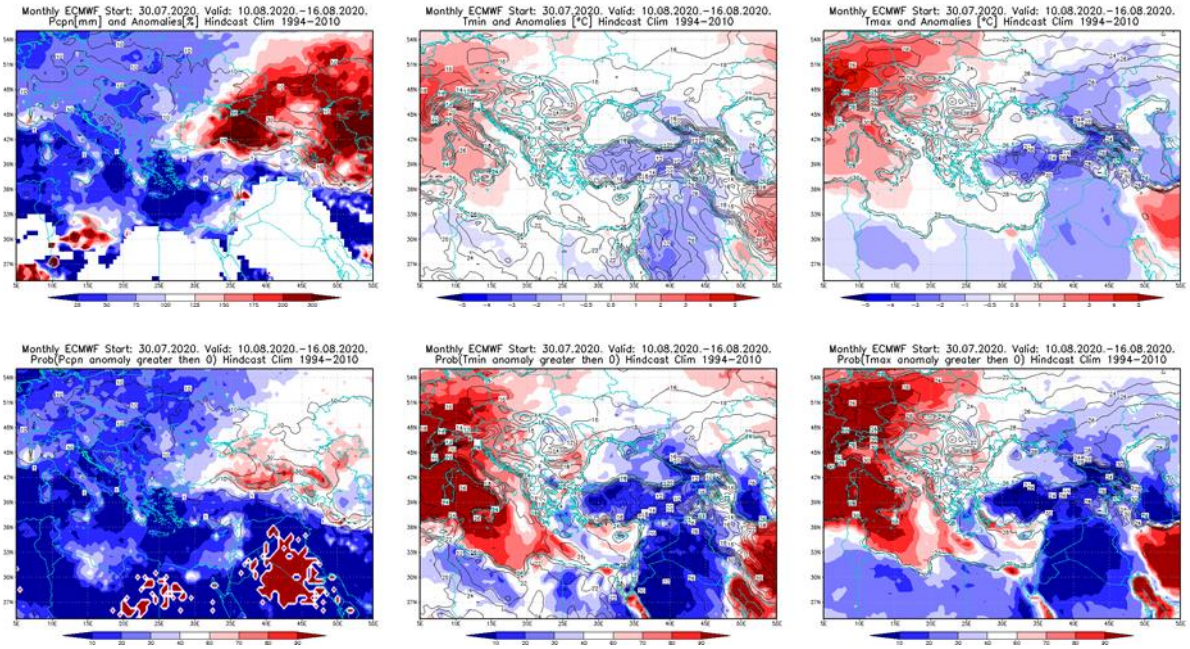


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 10.8–16.8.2020 period

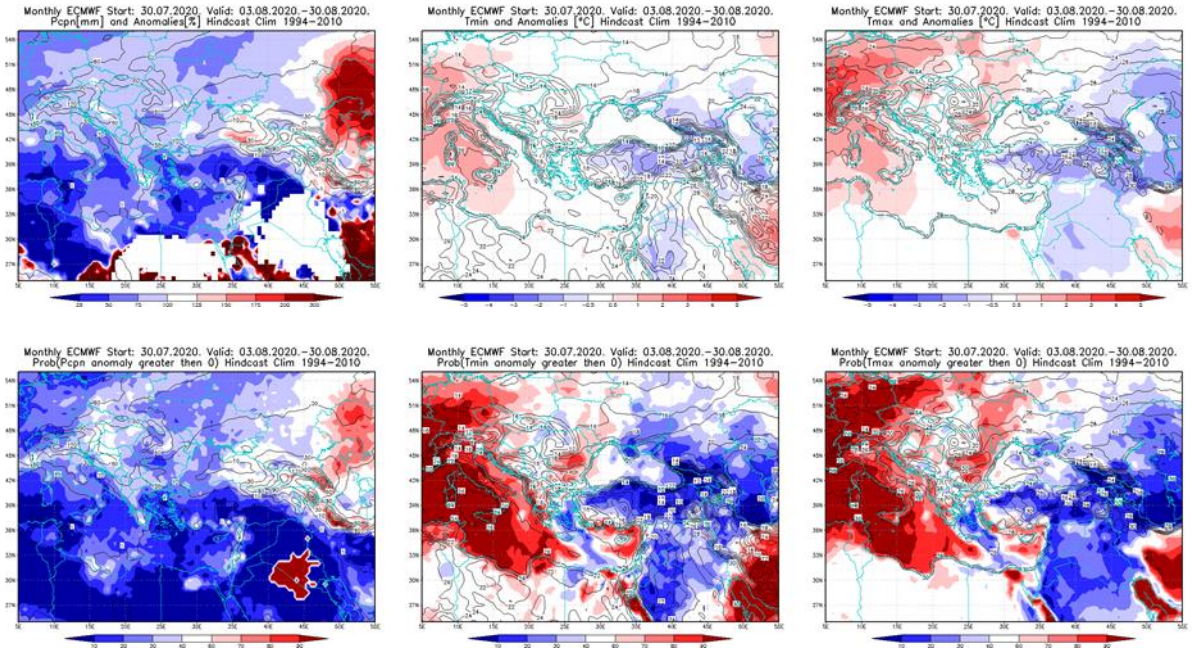


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 3.8–30.8.2020 period

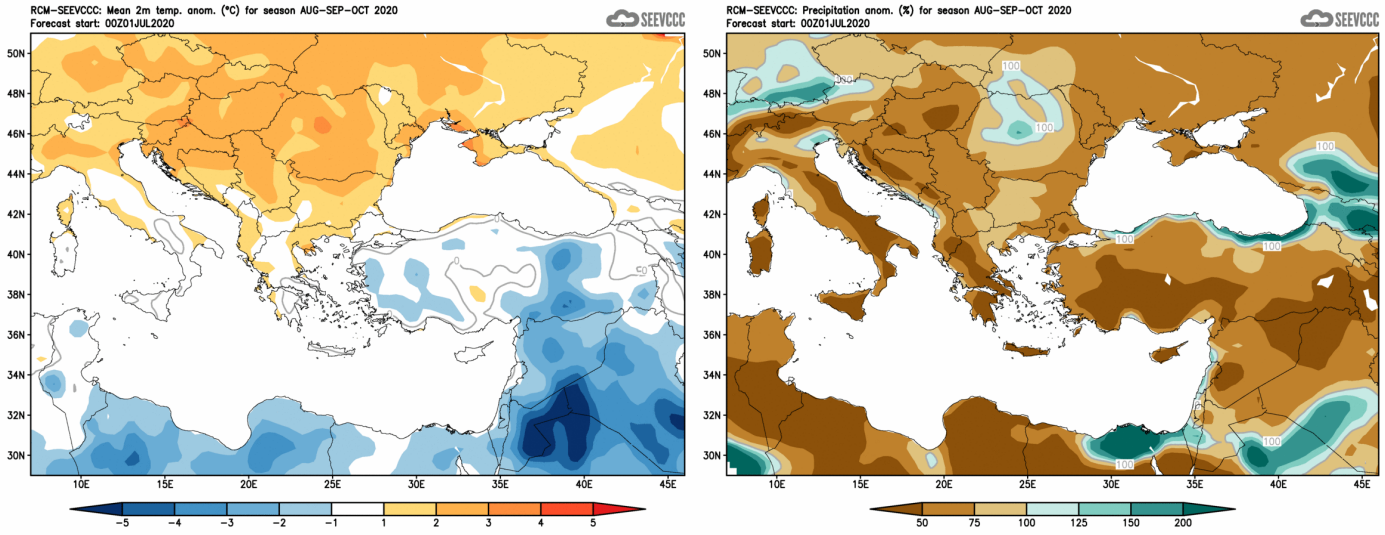


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

Sources

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