Climate Watch (Serial No.: 20200810 – 32)

Initial/Updated/Final

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

Issued/ Amended / Cancelled: 10-8-2020 12:00 P.M.

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Valid from – to: 10-8-2020 – 31-10-2020 Next amendment: 17-8-2020

Region of concern: **SEE**

„In the period from August 10th to 16th 2020, ECMWF monthly forecast predicts below normal mean weekly air temperature for the southern Balkans, Turkey, as well as South Caucasus with anomaly up to -3°C and probability for exceeding lower tercile up to 90%. Temperature above normal is predicted for Romania with anomaly up to +3°C and probability for upper tercile around 80%. Precipitation surplus is forecasted for part of the southern Balkans, southern Turkey and South Caucasus with up to 80% probability for exceeding upper tercile."

Monitoring

During the period from August 2nd to 8th 2020, precipitation sums in southwestern Serbia and North Macedonia reached up to 150 mm, while rest of the western Balkans received up to 75 mm of precipitation. Turkey and eastern Balkans received less than 25 mm of precipitation.

Outlook

Within the first week (August 10th to 16th 2020), ECMWF monthly forecast predicts below normal mean weekly air temperature for the southern Balkans, Turkey, as well as South Caucasus with anomaly up to -3°C and probability for exceeding lower tercile up to 90%. Above normal temperature is predicted for Romania with anomaly up to +3°C and probability for upper tercile around 80%. Precipitation surplus is forecasted for part of the southern Balkans, southern Turkey and South Caucasus with up to 80% probability for exceeding upper tercile.

During the second week (August 17th to 23rd 2020), below normal mean weekly air temperature is expected in most of Turkey, South Caucasus and central Balkans with anomaly reaching up to -2°C. Probability for exceeding lower tercile is up to 80%. Precipitation surplus is forecasted for most of the Balkans, with around 60% probability for exceeding upper tercile.

In the period from August 10th to September 6th 2020, below normal mean weekly air temperature is expected in part of the southern Balkans, central Turkey and South Caucasus with anomaly up to -2°C. Probability for exceeding lower tercile is around 80%. In most of the region average precipitation is expected.

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 17-8-2020

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

ANNEX

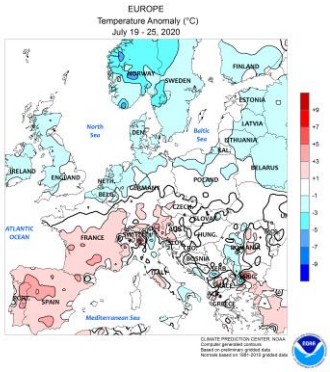
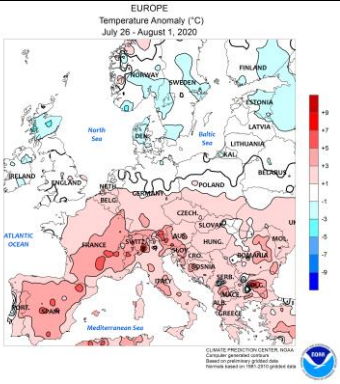
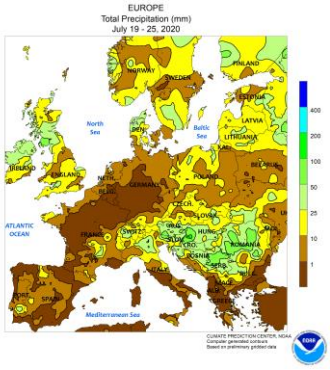
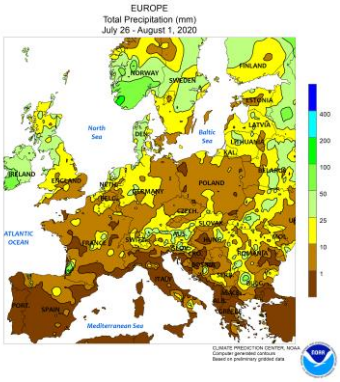
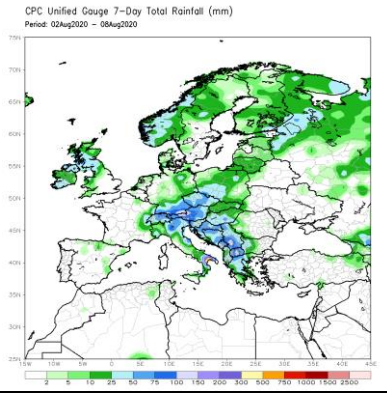
19.7-25.7.2020	26.7-1.8.2020	2.8-8.8.2020
		-
		

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

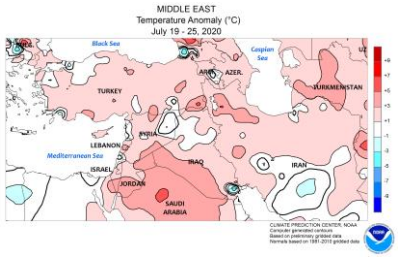
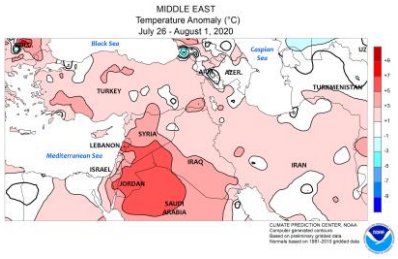
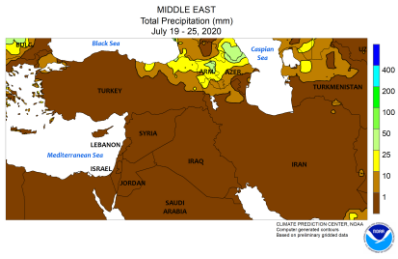
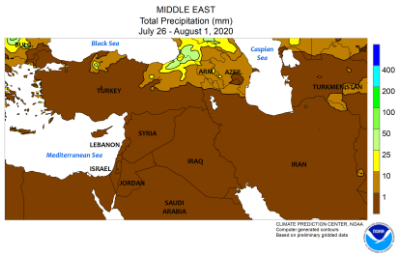
19.7-25.7.2020	26.7-1.8.2020	2.8-8.8.2020
		-
		-

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

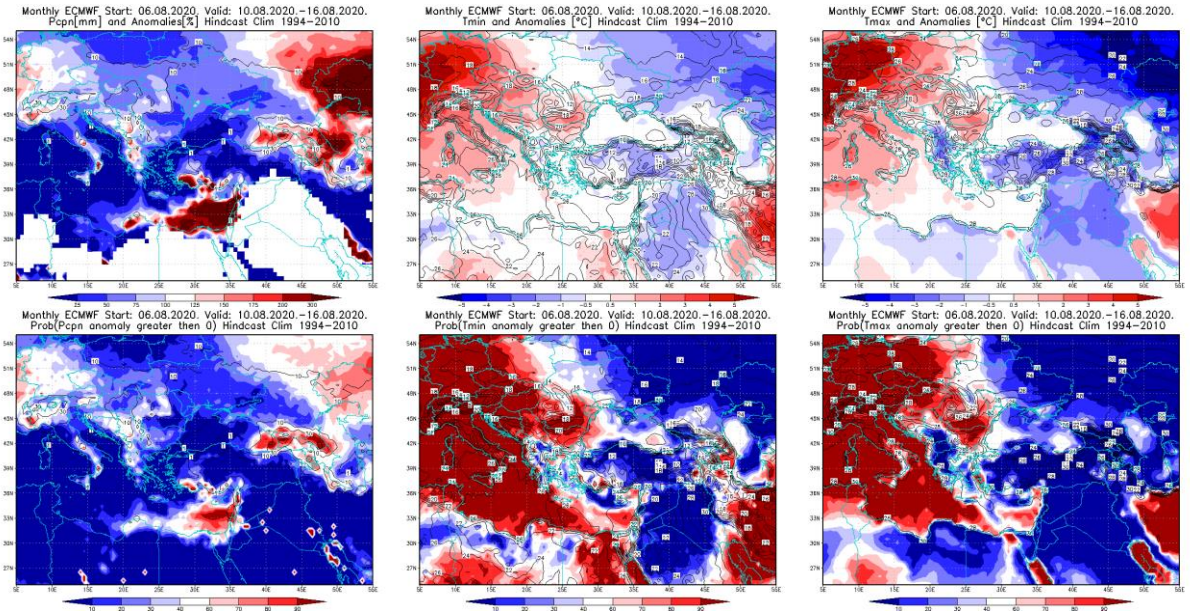


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 10.8–16.8.2020 period

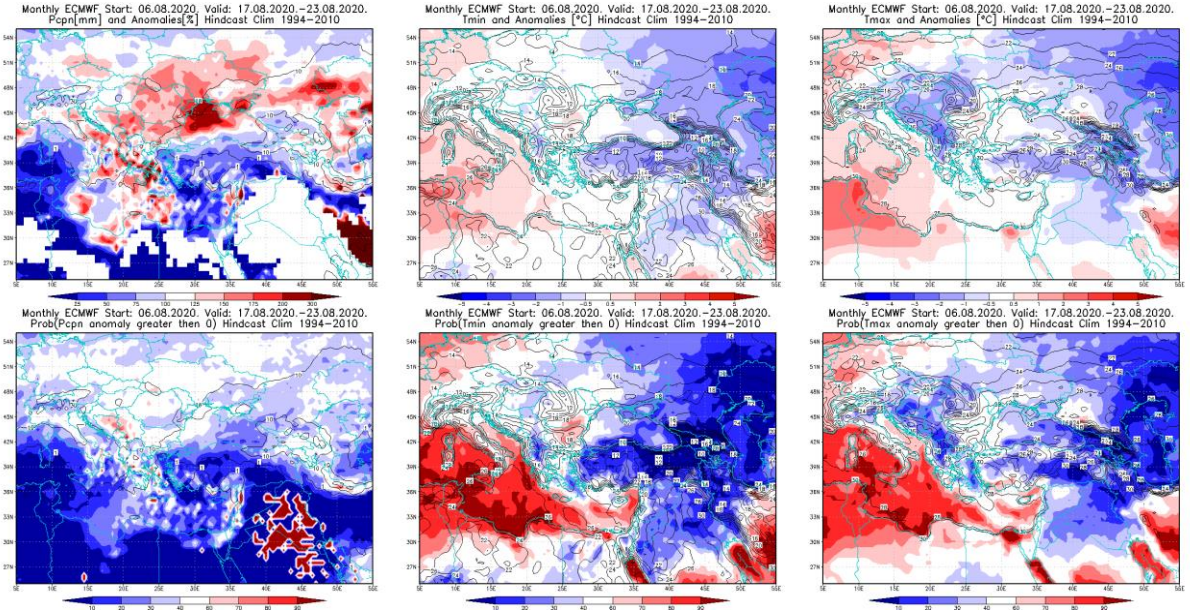


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.8–23.8.2020 period

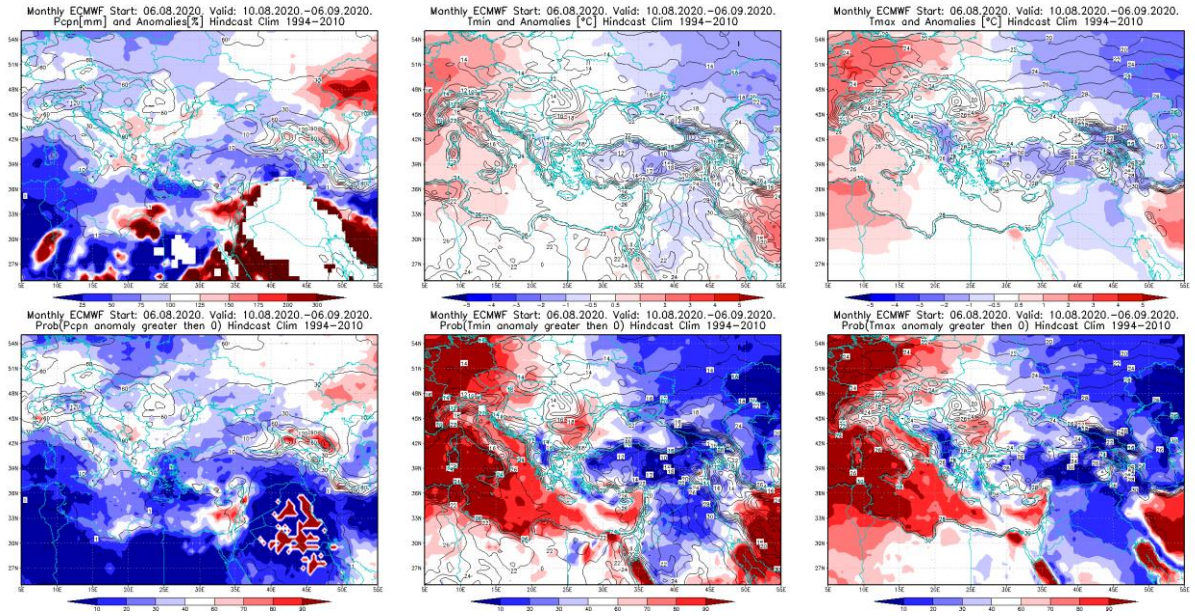


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 10.8–6.9.2020 period

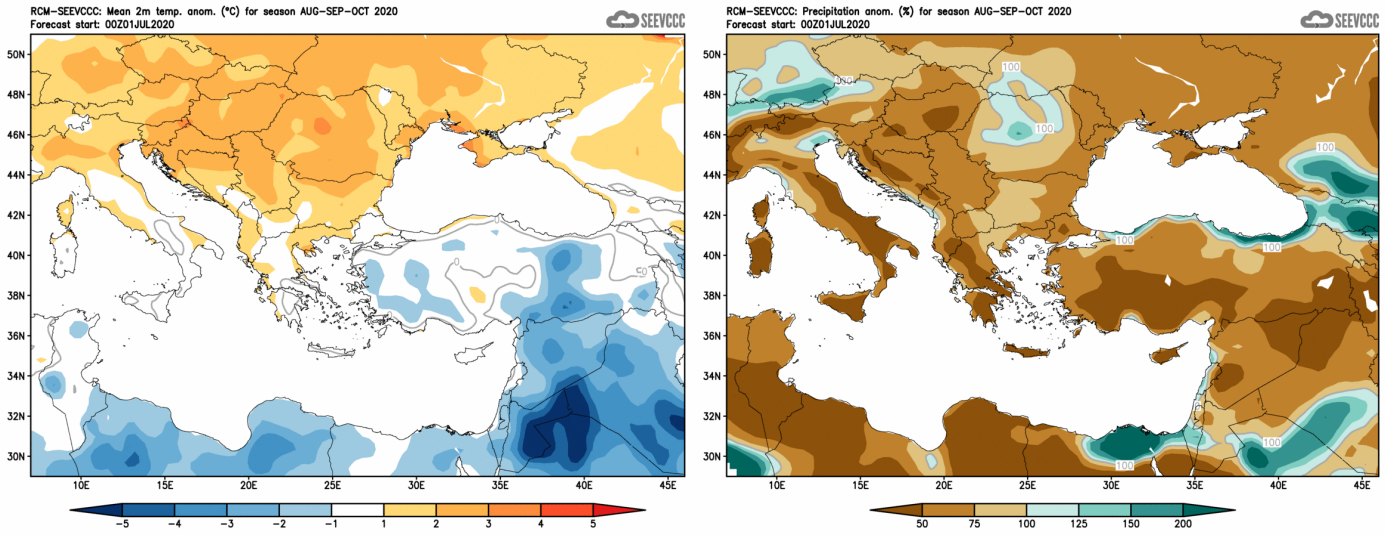


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

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/)