Climate Watch (Serial No.: 20200629 – 26)

Initial/Updated/Final

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

Issued/ Amended / Cancelled: 29-6-2020 12:00 P.M.

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Valid from – to: 29-6-2020 – 30-9-2020 Next amendment: 6-7-2020

Region of concern: **eastern Balkans, Ukraine and South Caucasus**

„In the period from June 29th to July 26th 2020, ECMWF monthly forecast predicts above normal mean weekly air temperature for the eastern Balkans, central and eastern Ukraine and some parts of South Caucasus, with anomaly up to +2°C and probability for exceeding upper tercile around 80%."

Monitoring

During the period from June 21st to 28th 2020, precipitation sums in some parts of the Carpathian region and central Balkans reached up to 150 mm. Most of Romania, western Ukraine, Serbia, as well as some parts of Bulgaria, Greece, northwestern and central Turkey received between 25 and 100 mm of precipitation, while in rest of the region up to 25 mm of precipitation was measured.

Outlook

Within the first week (June 29th to July 5th 2020), ECMWF monthly forecast predicts above normal mean weekly air temperature for most of the Balkans, Ukraine, Moldova, Cyprus and southern Turkey, with anomaly up to +3°C. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is expected for the Pannonia plain, with up to 80% probability for exceeding upper tercile. Precipitation deficit is predicted for South Caucasus with probability for exceeding lower tercile around 70%.

During the second week (July 6th to 12th 2020), above normal weekly air temperature is forecasted for eastern Ukraine, Moldova, northeastern Turkey and South Caucasus, with anomaly up to +3°C. Probability for exceeding upper tercile is around 70%. Precipitation surplus is expected in the southern Balkans and most of Turkey, with up to 60% probability for exceeding upper tercile.

In the period from June 29th to July 26th 2020, above normal mean weekly air temperature is predicted for the eastern Balkans, central and eastern Ukraine and some parts of South Caucasus, with anomaly up to +2°C and probability for exceeding upper tercile around 80%. Precipitation surplus is expected in the Pannonia plain and western Ukraine, with up to 60% probability for exceeding upper tercile.

During the following three months (July, August and September) 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 northernmost 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, except for some parts of the southern Balkans where average precipitation sums are predicted.

Update

An updated statement will be issued on 6-7-2020

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

ANNEX

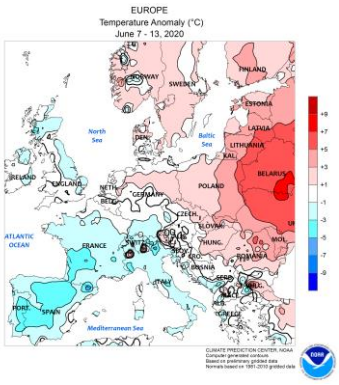
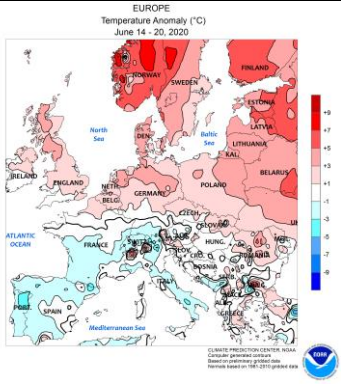
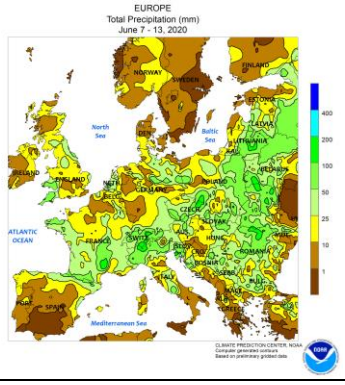
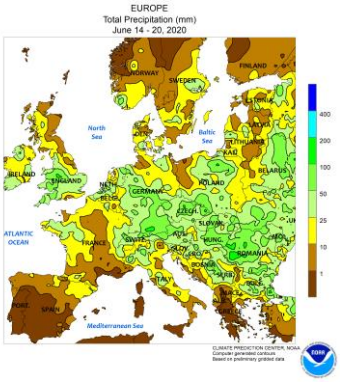
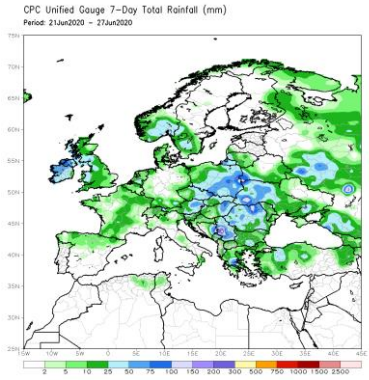
7.6-13.6.2020	14.6-20.6.2020	21.6-27.6.2020
		-
		

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

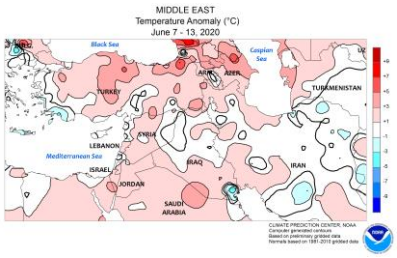
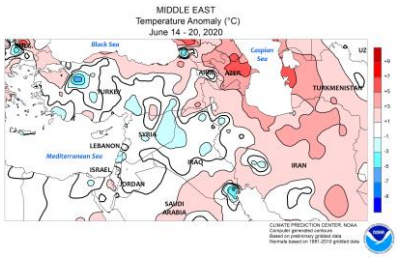
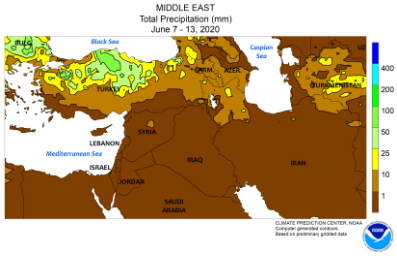
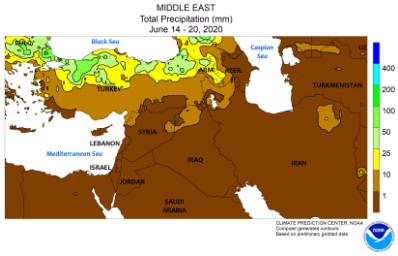
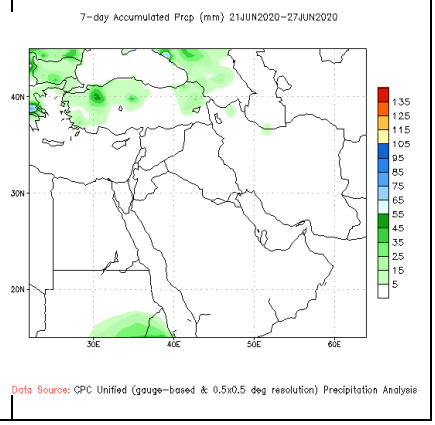
7.6-13.6.2020	14.6-20.6.2020	21.6-27.6.2020
		-
		

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

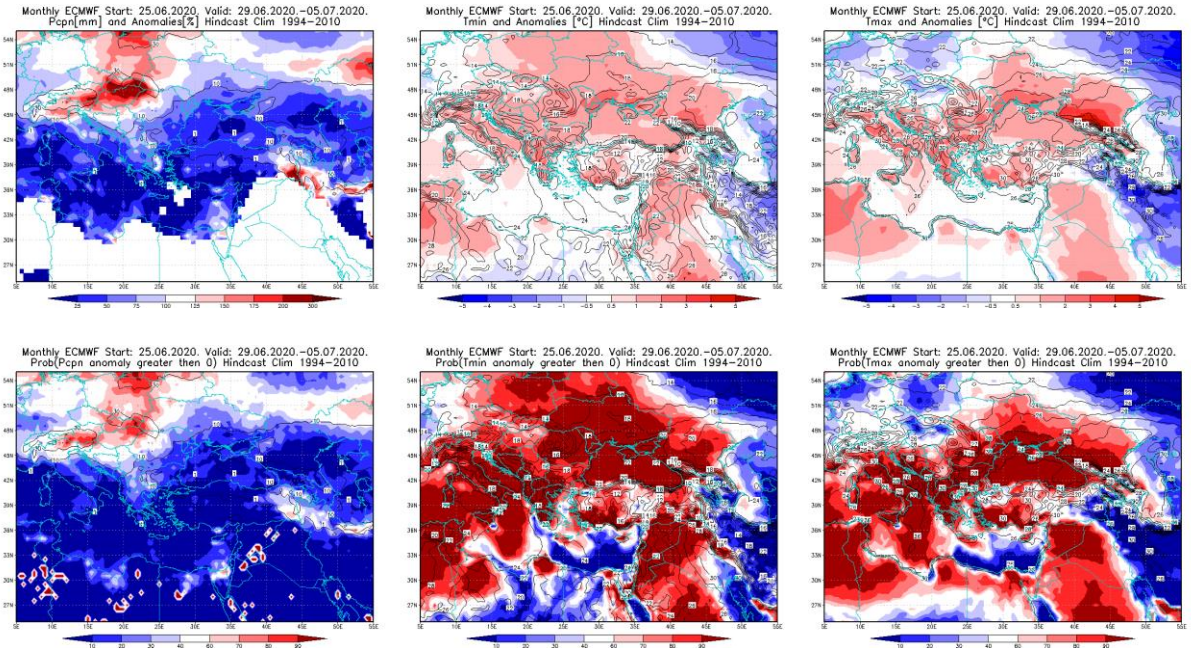


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 29.6–5.7.2020 period

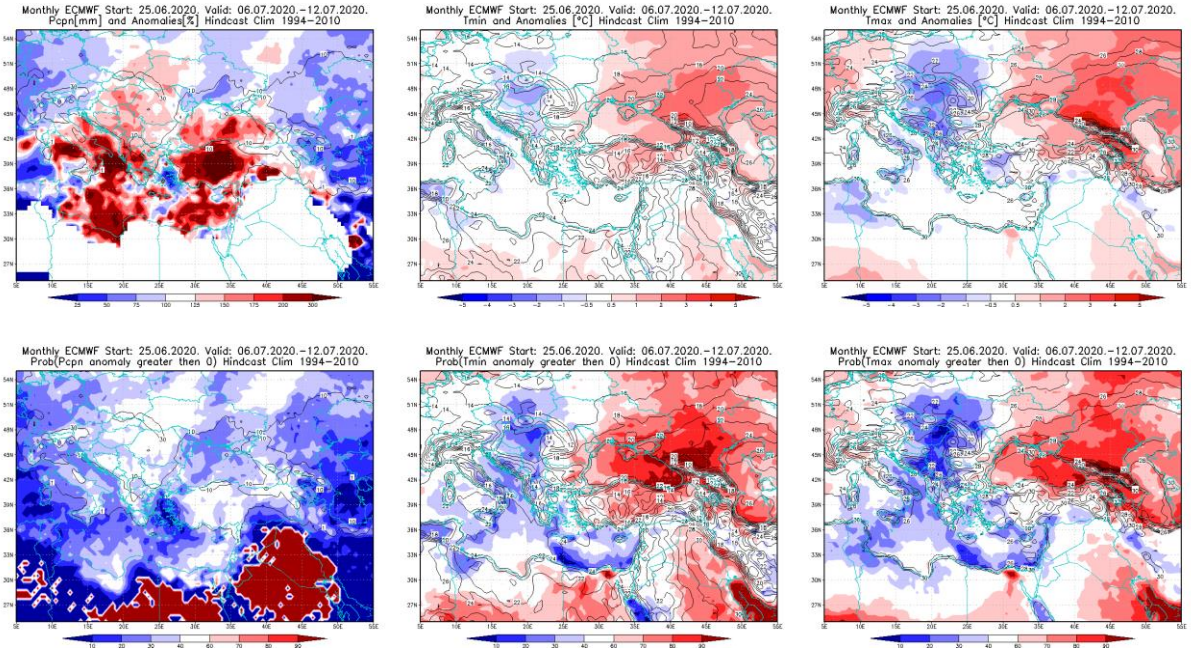


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 6.7–12.7.2020 period

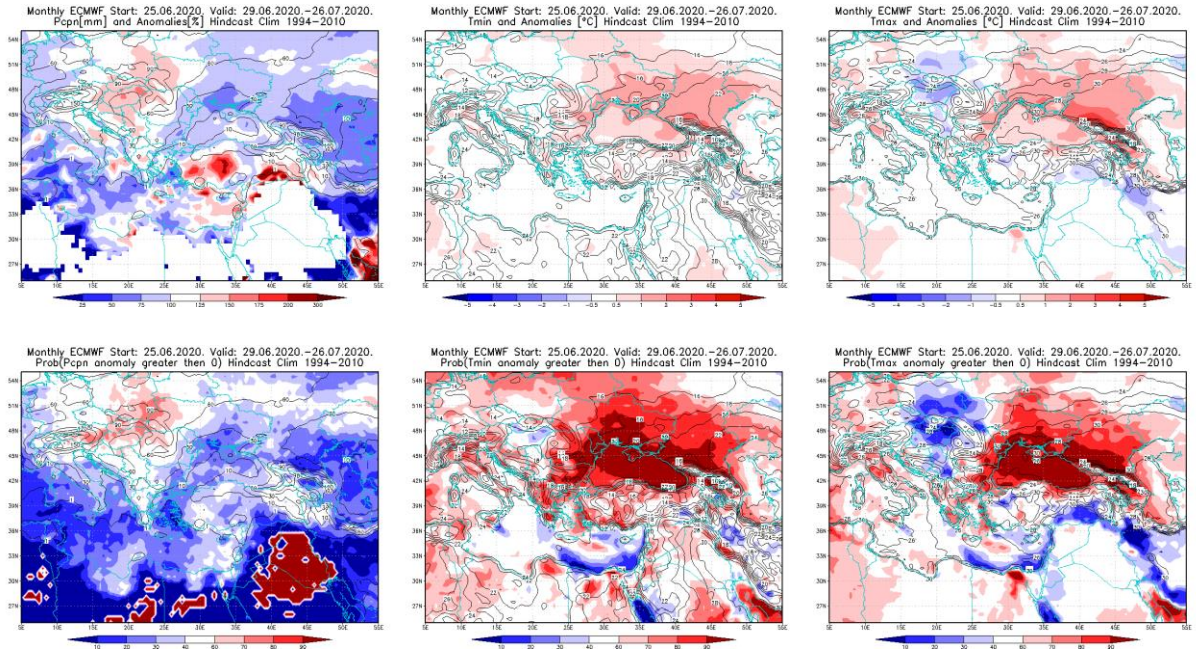


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 29.6–26.7.2020 period

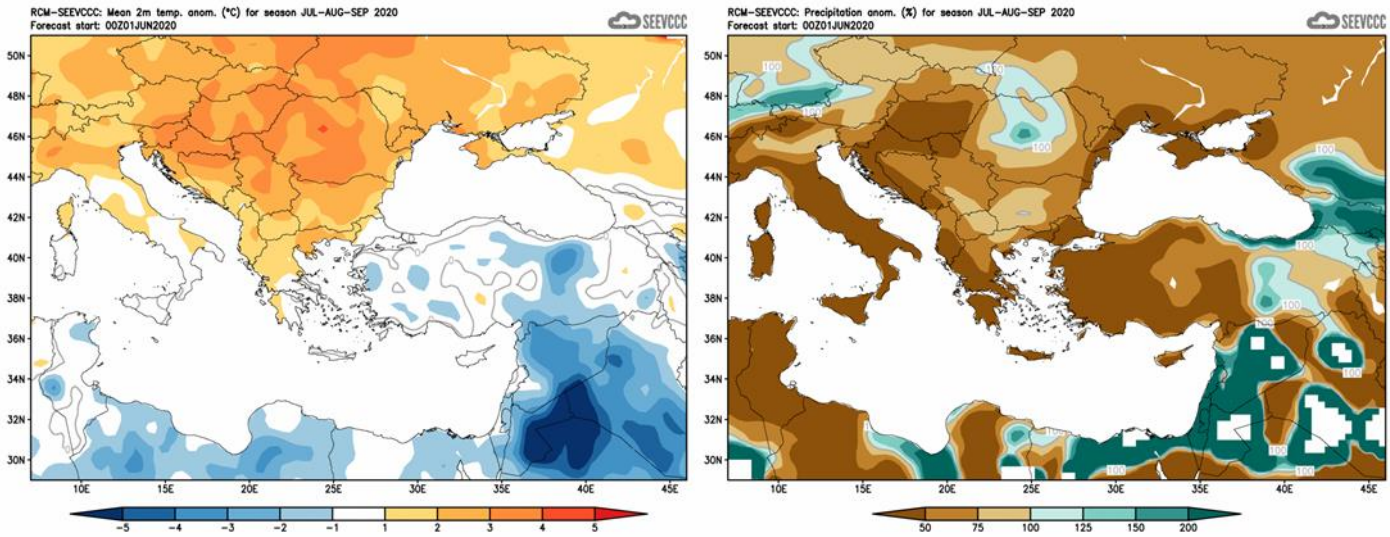


Figure 6. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook from RCM – SEEVCCC)

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/)