

Climate Watch (Serial No.: 20190812 – 00)

Initial/Updated/Final

Topic: **temperature** and **precipitation**

Organization issuing the statement: SEEVCCC

Issued/ Amended / 12-8-2019 12:00 P.M.
Cancelled

Contact: E-mail: cws-seevccc@hidmet.gov.rs
Phone: +381112066925
Fax: +381112066929

Valid from – to: 12-8 – 31-10-2019 Next amendment: 19-8-2019

Region of concern: **SEE**

„In the period from August 12th to 18th 2019, ECMWF monthly forecast predicts above normal mean weekly air temperature in most of the region, with anomaly up to +3°C and with around 90% probability for exceeding upper tercile.”

Monitoring

During the period from August 5th to 11th 2019, above normal air temperature, with anomaly up to +3°C, was observed in the Balkans. Below normal air temperature, with anomaly up to -4°C, was registered in Turkey, most of Ukraine and South Caucasus. Precipitation totals were mostly below 25 mm.

Outlook

Within the first week (August 12th to 18th 2019), ECMWF monthly forecast predicts above normal mean weekly air temperature in most of the region, with anomaly up to +3°C and with around 90% probability for exceeding upper tercile. Precipitation deficit is expected in the southern Balkans and northern Turkey, with around 90% probability for exceeding lower tercile.

During the second week (August 19th to 25th 2019), above normal mean weekly air temperature is expected in the southern and south-eastern Balkans, as well as in most of Turkey, with anomaly up to +2°C. Probability for exceeding upper tercile is around 60%. Average precipitation is expected in most of the region.

In the period from August 12th to September 8th 2019, above normal monthly mean air temperature is expected in most of the region with anomaly up to +3°C. Probability for exceeding upper tercile is up to 80%. Precipitation deficit is expected the southern Balkans and northern Turkey, 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 the northern Balkans and western Ukraine. Below normal seasonal air temperature is expected in eastern parts of central Turkey and Middle East. Precipitation surplus is predicted for the Carpathian region, northern Turkey and South Caucasus. Precipitation deficit is expected in some western, central, eastern and southern parts of the Balkans, Moldova, most of Ukraine, southwestern Turkey and Cyprus.

Update

An updated statement will be issued on 19-8-2019

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

ANNEX

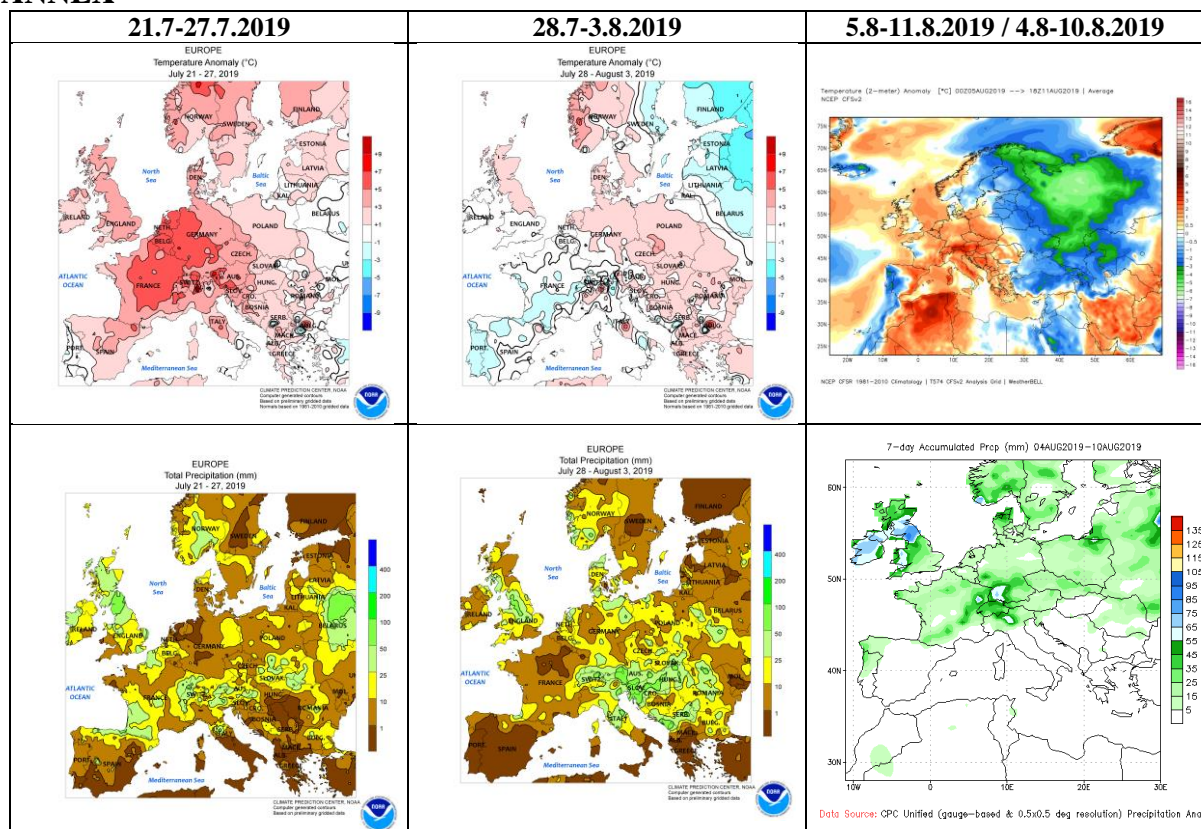


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

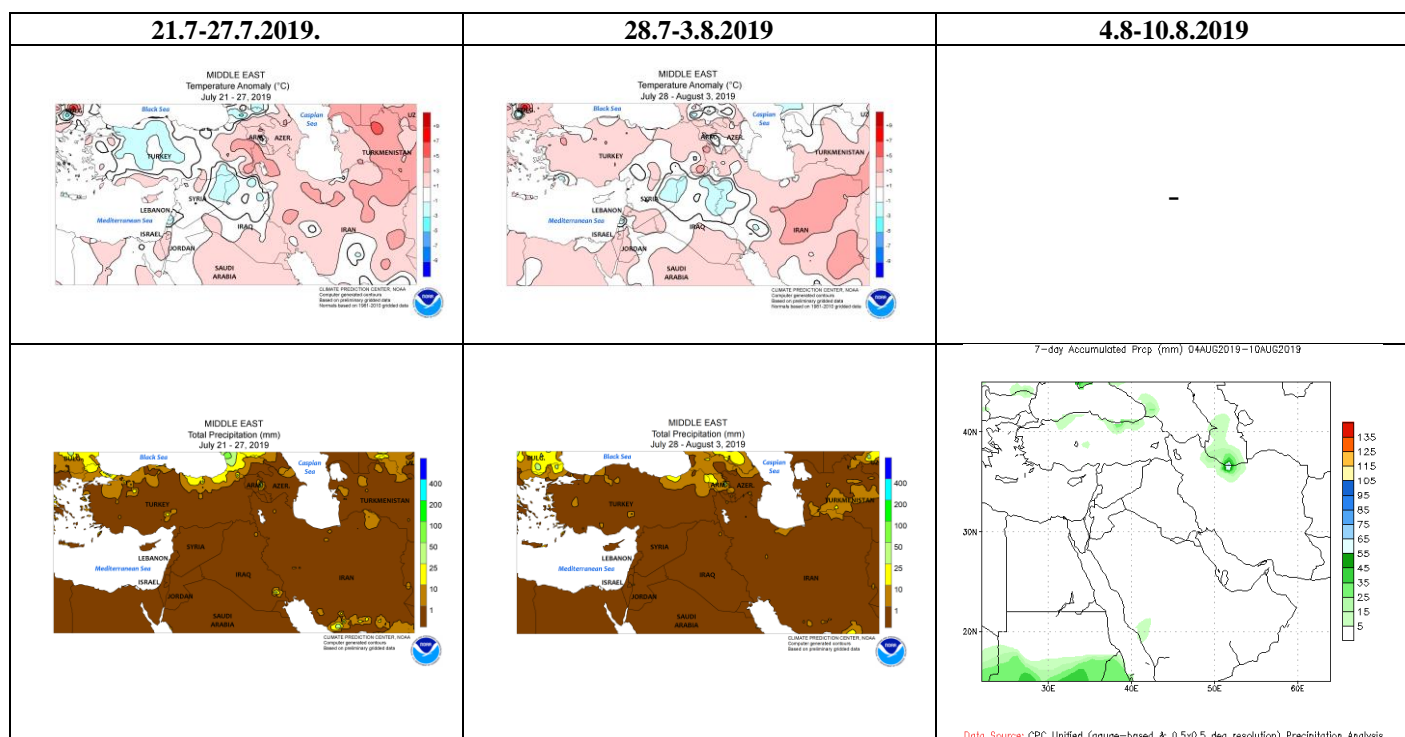


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

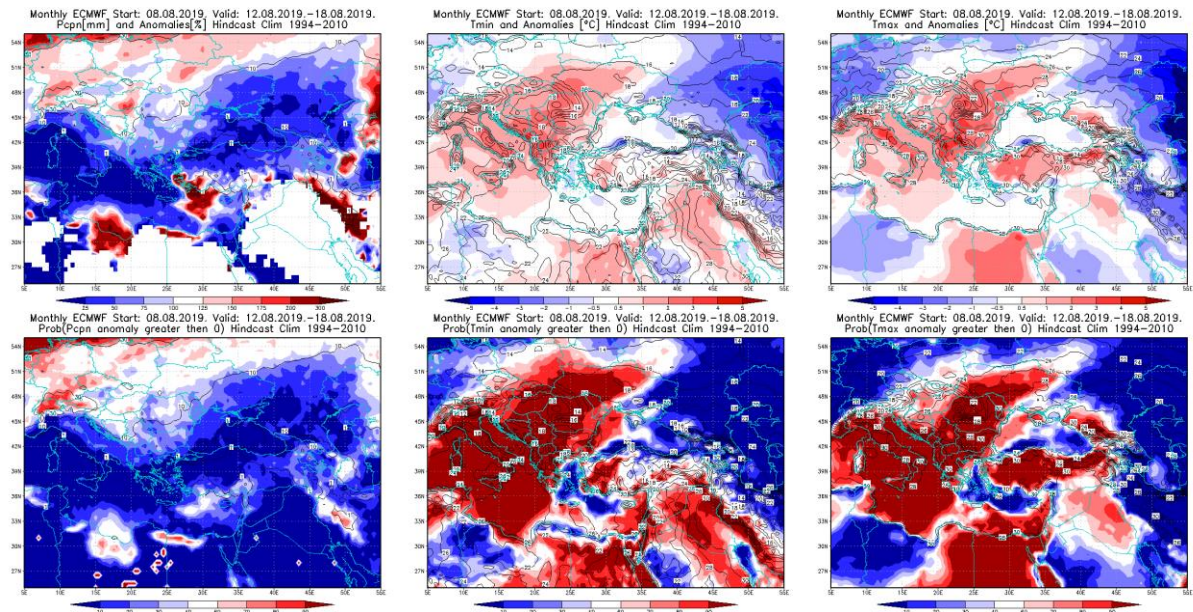


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 12.8 – 18.8.2019 period

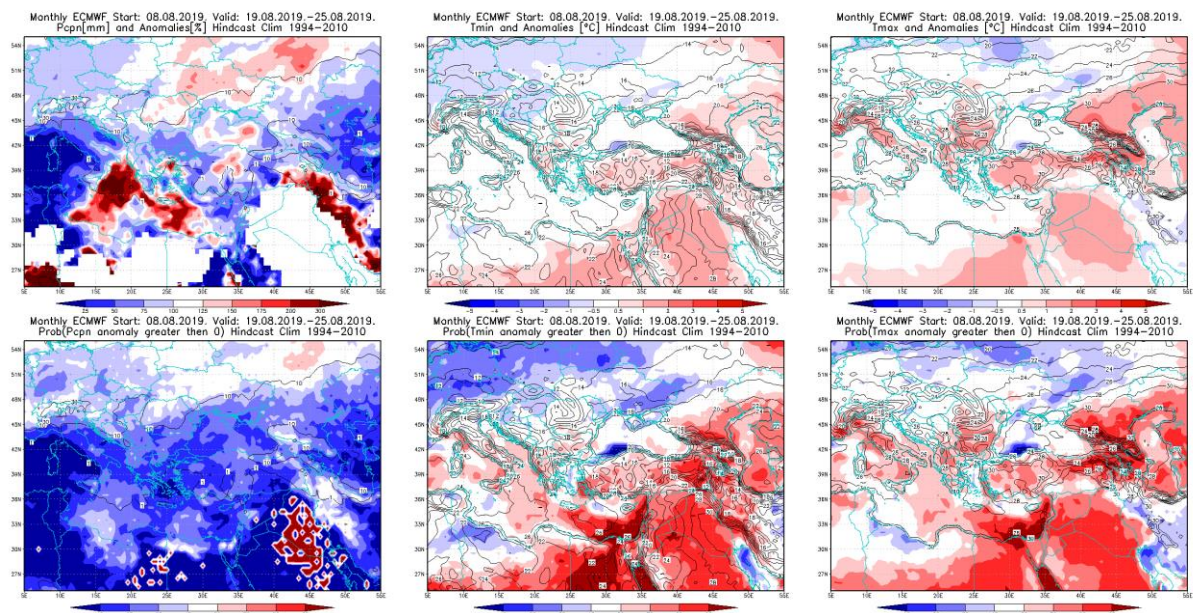


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 19.8 – 25.8.2019 period

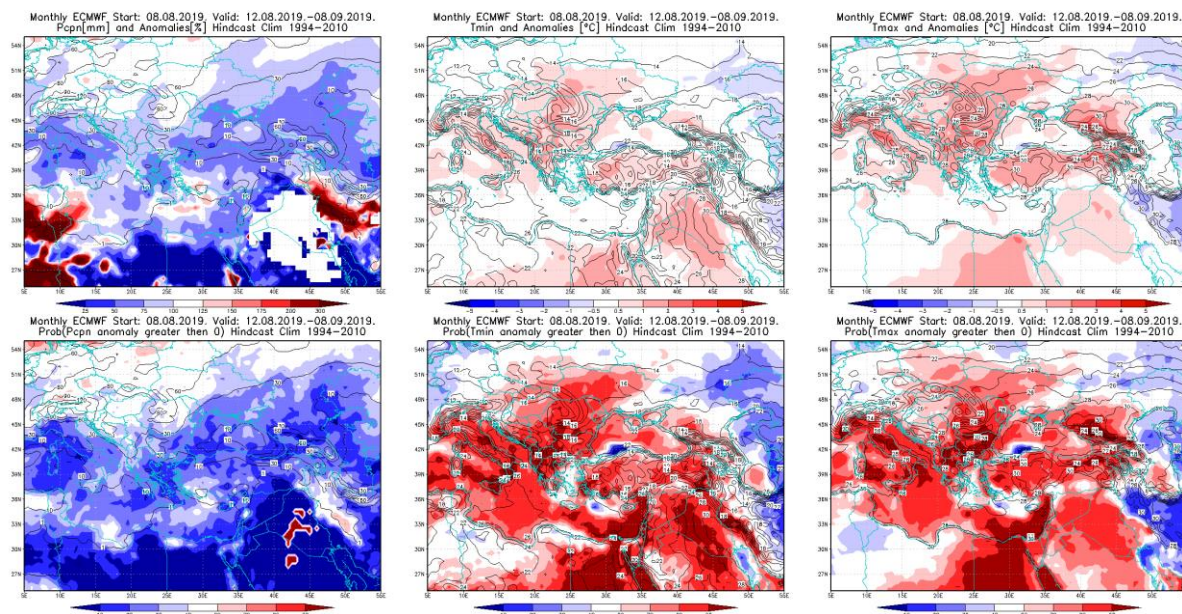


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 12.8 – 8.9.2019 period

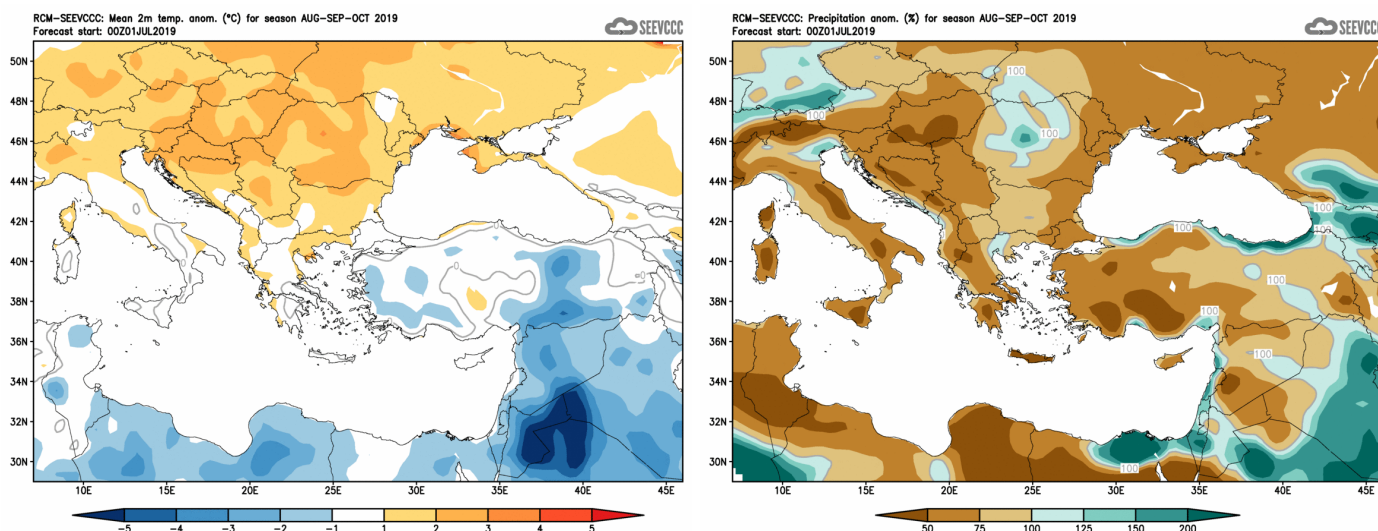


Figure 6. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

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/>)