

## Climate Watch (Serial No.: 20170807– 00)

Initial/Updated/Final

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

Organization issuing the statement: SEEVCCC

Issued/ Amended / 7-8-2017 12:00 P.M.  
Cancelled

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Valid from – to: 7-8-2017– 31-10-2017 Next amendment: 14-8-2017

Region of concern: **SEE region**

**„In the period from August 7<sup>th</sup> to 13<sup>th</sup> 2017, above normal mean weekly air temperature, with anomaly up to +4°C, is expected in most of the region, while anomaly up to +5°C is expected in the central Balkans and south Caucasus. Probability for exceeding upper tercile is around 90%. Precipitation surplus is expected in Romania, Moldova and western Ukraine, with probability around 70% for exceeding upper tercile. Precipitation deficit is predicted for rest of the region with around 60% probability for exceeding lower tercile.”**

### Monitoring

In the period from July 30<sup>th</sup> to August 5<sup>th</sup>, 2017, above normal air temperature, with anomaly up to +5°C, was observed in most of the SEE region, while air temperature anomaly up to +7°C was registered in the western and northern Balkans, most of Moldova, western and northern Romania, as well as western Ukraine. Weekly precipitation sums were below 10 mm in most of the SEE region, while some parts of western Turkey received up to 25 mm of precipitation.

## **Outlook**

Within the first week (August 7<sup>th</sup> to 13<sup>th</sup> 2017), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +4°C in most of the region, while anomaly up to +5°C is expected in the central Balkans and south Caucasus. Probability for exceeding upper tercile is around 90%. Precipitation surplus is expected in Romania, Moldova and western Ukraine, with probability around 70% for exceeding upper tercile. Precipitation deficit is predicted for rest of the region with around 60% probability for exceeding lower tercile.

During the second week (August 14<sup>th</sup> to 20<sup>th</sup> 2017), above normal mean weekly air temperature is forecasted for most of the Balkans and eastern Turkey, with anomaly up to +3°C and up to 80% probability for exceeding upper tercile. Precipitation deficit is predicted for most of the region with up to 80% probability for exceeding lower tercile.

In the period from August 7<sup>th</sup> to September 3<sup>rd</sup> 2017, above normal mean monthly air temperature, with anomaly up to +2°C, is forecasted for most of the region, in the Balkans up to +3°C. Probability for exceeding upper tercile is up to 90%. Precipitation deficit is predicted for most of the region, with around 70% probability for exceeding lower tercile.

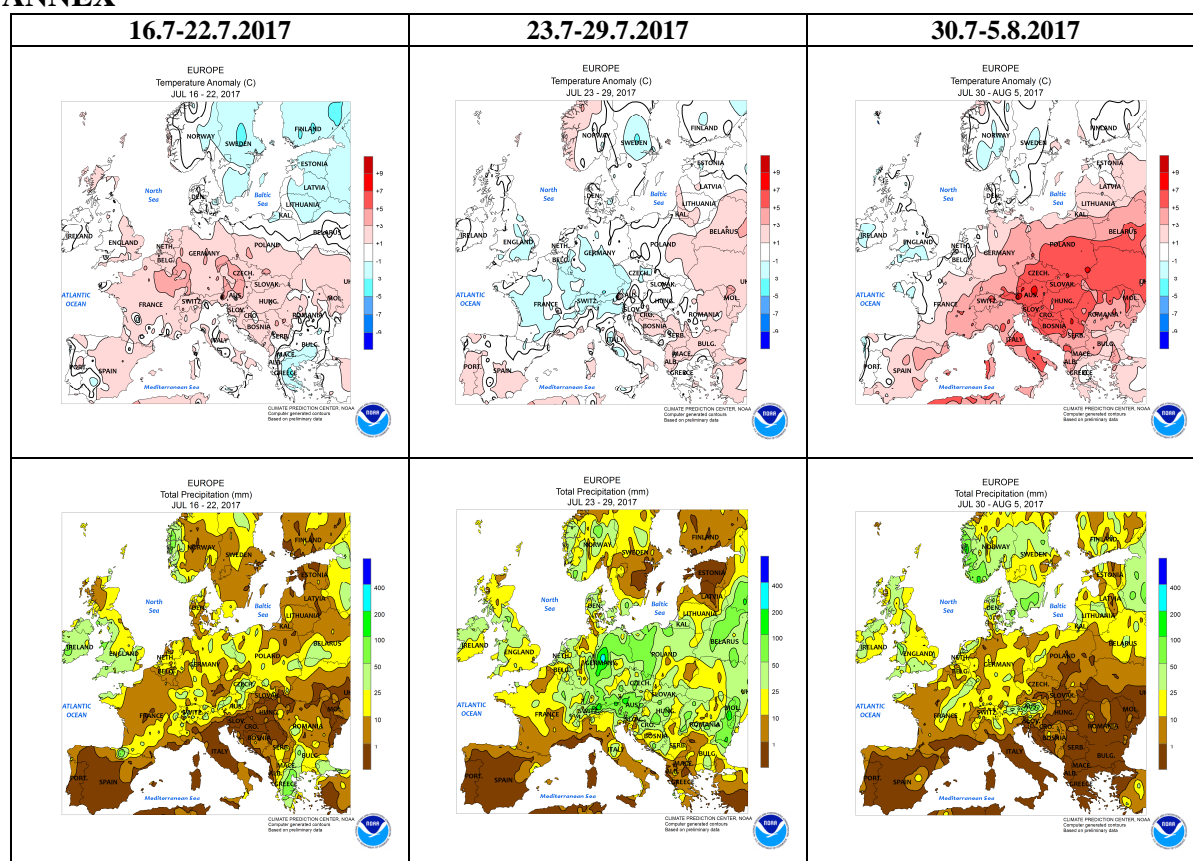
During the following three months (August, September and October) seasonal forecast predicts above normal seasonal air temperature in most of the western and eastern Balkans and western Ukraine. Below normal seasonal air temperature is expected in most of Turkey, south Caucasus, Cyprus and Middle East. Precipitation surplus is predicted for the Carpathians, South Caucasus, northeastern Turkey and Middle East, while precipitation deficit is expected over the Pannonia plain, along Aegean Sea coast, most of western and southern Balkans, Ukraine, Cyprus, as well as, southern and southeastern Turkey.

## **Update**

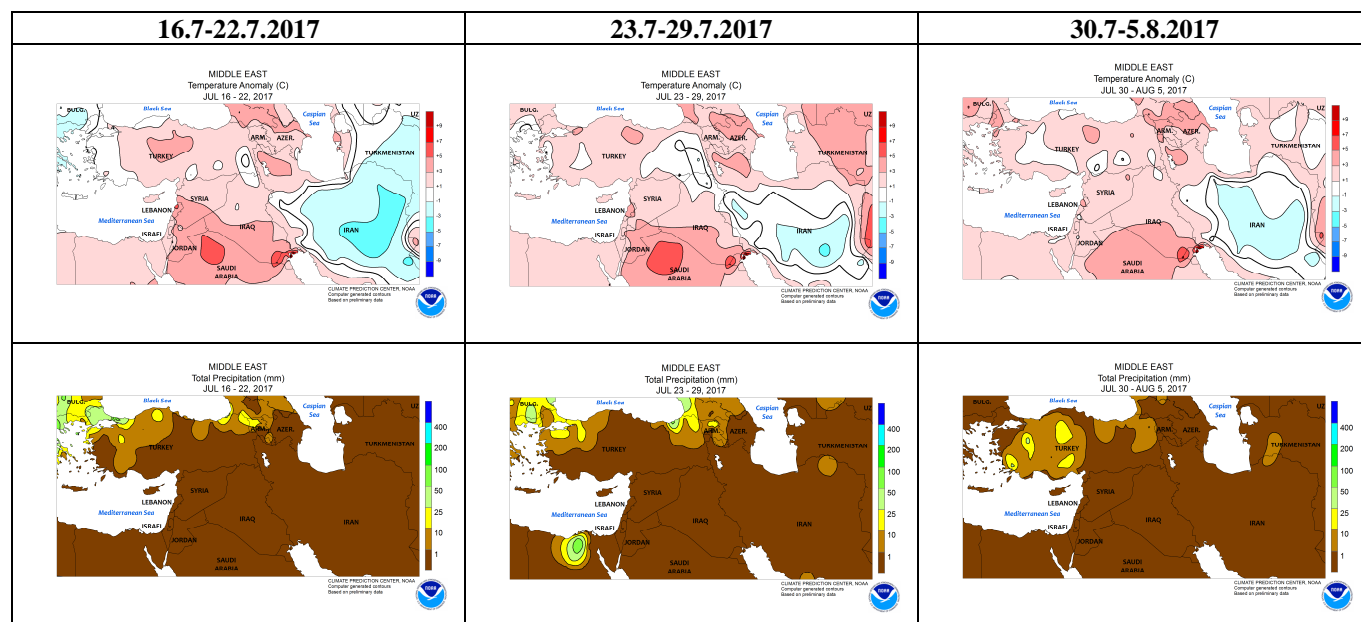
An updated statement will be issued on 14-8-2017

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

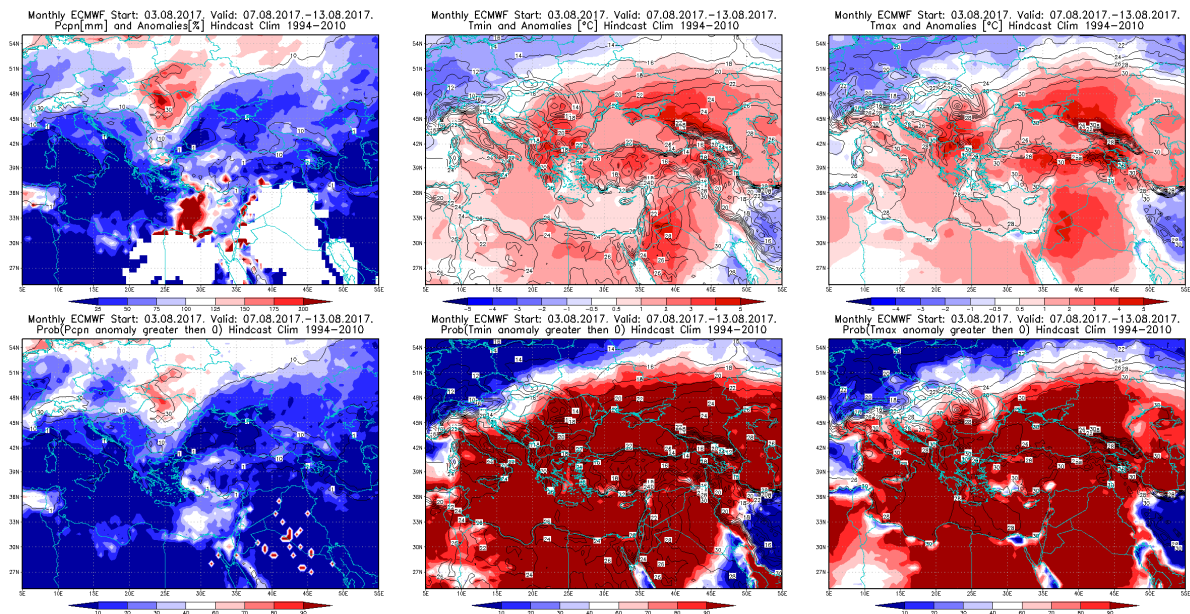
## ANNEX



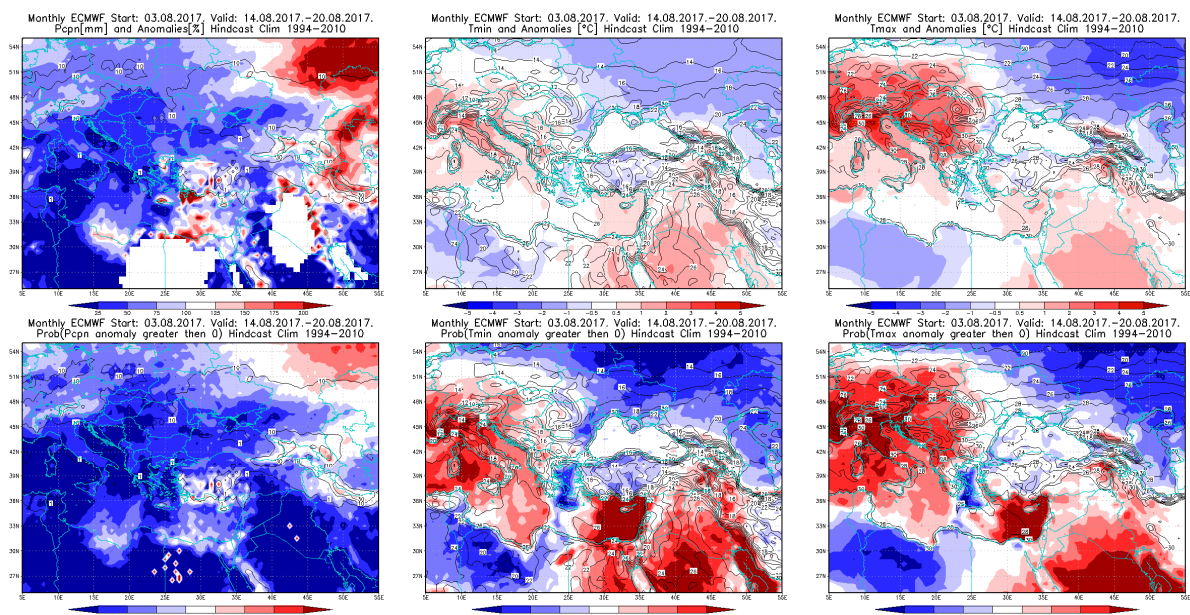
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



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

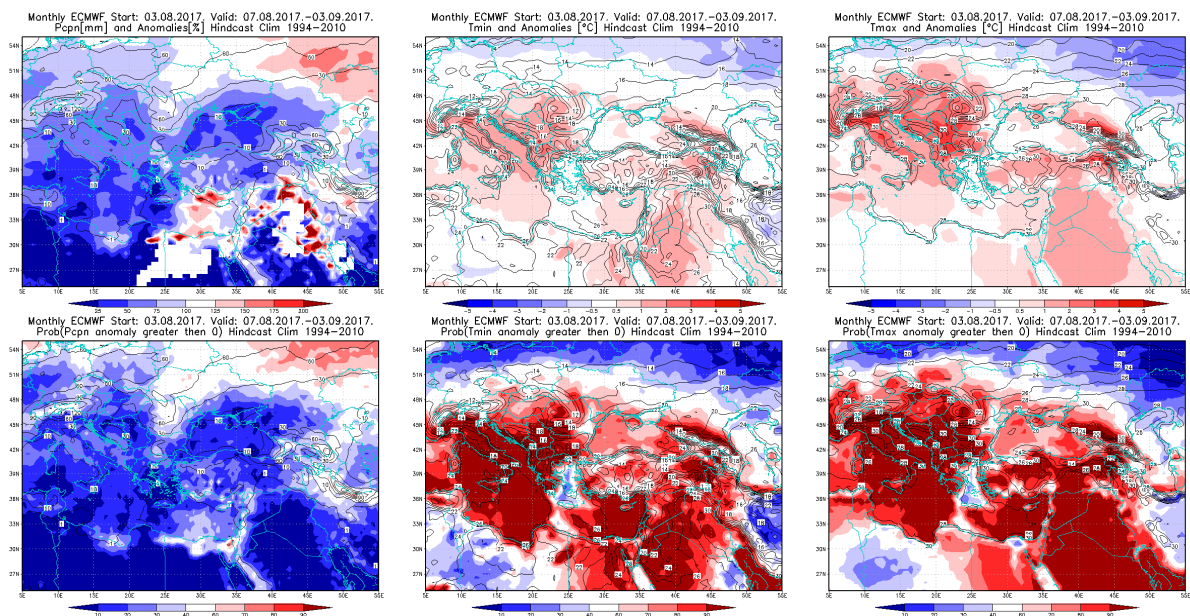


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 7 – 13.8.2017 period

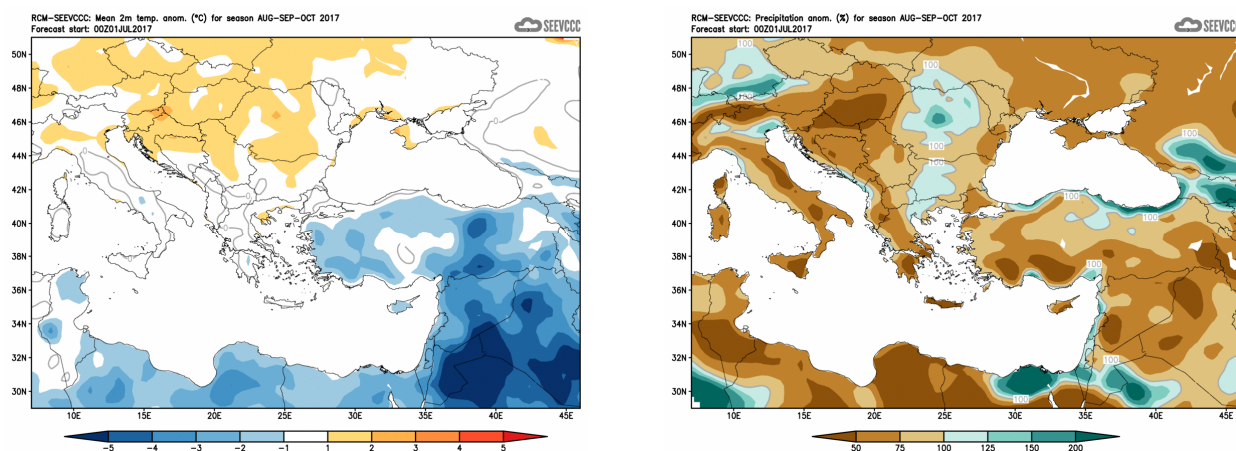


**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 14 – 20.8.2017 period





**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 7.8 – 3.9.2017 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/>)