

**Topic: precipitation**

Organization issuing  
the statement: SEEVCCC

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Cancelled

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Valid from – to: 2-3-2020 – 31-5-2020 Next amendment: 9-3-2020

Region of concern: **the Balkans, Romania and Ukraine**

**„In the period from March 2<sup>nd</sup> to 8<sup>th</sup> 2020, precipitation surplus is expected in most of the Balkans, Romania and Ukraine, with up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in eastern Turkey, South Caucasus and Middle East, with probability up to 70% for exceeding lower tercile.”**

### **Monitoring**

During the period from February 23<sup>rd</sup> to 29<sup>th</sup> 2020, above normal air temperature was observed in almost the entire SEE region, with anomaly in a range from +1°C up to +6°C. Also, in most of the region precipitation sums were below 25 mm. Precipitation totals reached 50 mm in some parts of the Balkans and Turkey, as well as eastern Ukraine.

## **Outlook**

Within the first week (March 2<sup>nd</sup> to 8<sup>th</sup> 2020), ECMWF monthly forecast predicts above normal mean weekly air temperature in almost entire region, with anomaly in a range from +1°C to +5°C and even more in Moldova, Ukraine and eastern part of Romania. Probability for exceeding upper tercile is from 60% in the western Balkans and central Turkey up to 90% in Moldova, Ukraine, South Caucasus, eastern and southern Balkans. Precipitation surplus is expected in most of the Balkans, Romania and Ukraine, with up to 90% probability for exceeding upper tercile. Precipitation deficit is expected in eastern Turkey, South Caucasus and Middle East, with probability up to 70% for exceeding lower tercile.

During the second week (March 9<sup>th</sup> to 15<sup>th</sup> 2020), above normal mean weekly air temperature is expected in the entire region, with anomaly from +2°C up to +5°C. Probability for exceeding upper tercile is ranging from 60% in the south up to 80% in the north of the region. Precipitation deficit is expected in the Middle East, with around 60% for exceeding lower tercile.

In the period from March 2<sup>nd</sup> to 29<sup>th</sup> 2020, above normal mean monthly air temperature is expected in most of the Balkans, Romania, Moldova, Ukraine, northern Turkey and South Caucasus, with anomaly from +1°C, up to +5°C in northern Ukraine. Probability for exceeding upper tercile is from 60% in the central Balkans and South Caucasus, up to 80% along the coast of the Adriatic Sea, Moldova and Ukraine. Average precipitation sums are expected in most of the region.

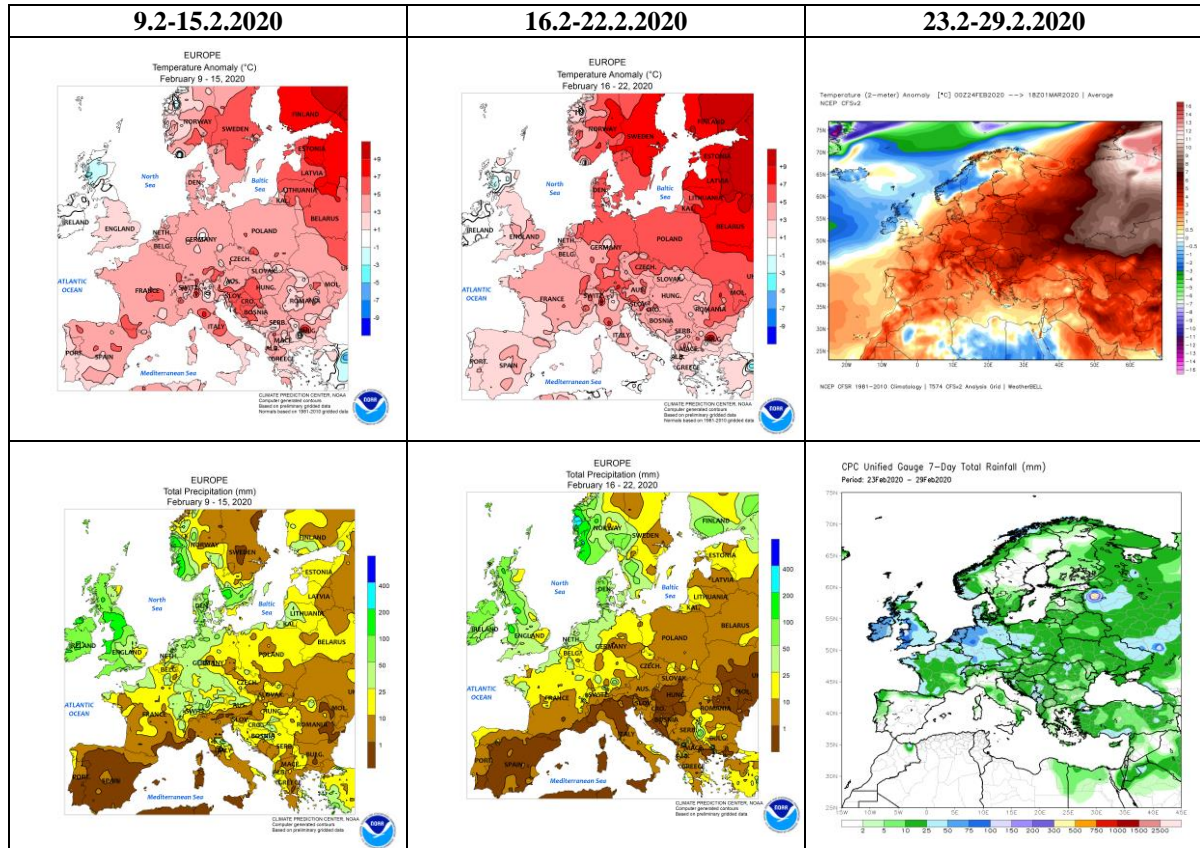
During the following three months (March, April and May) seasonal forecast predicts above normal seasonal air temperature for most of the Balkans and central and eastern Turkey. Precipitation surplus is predicted for the Carpathian region, northern and northeastern Turkey and in South Caucasus. Precipitation deficit is expected in the southern and part of western Balkans, Cyprus, western Turkey and Jordan.

## **Update**

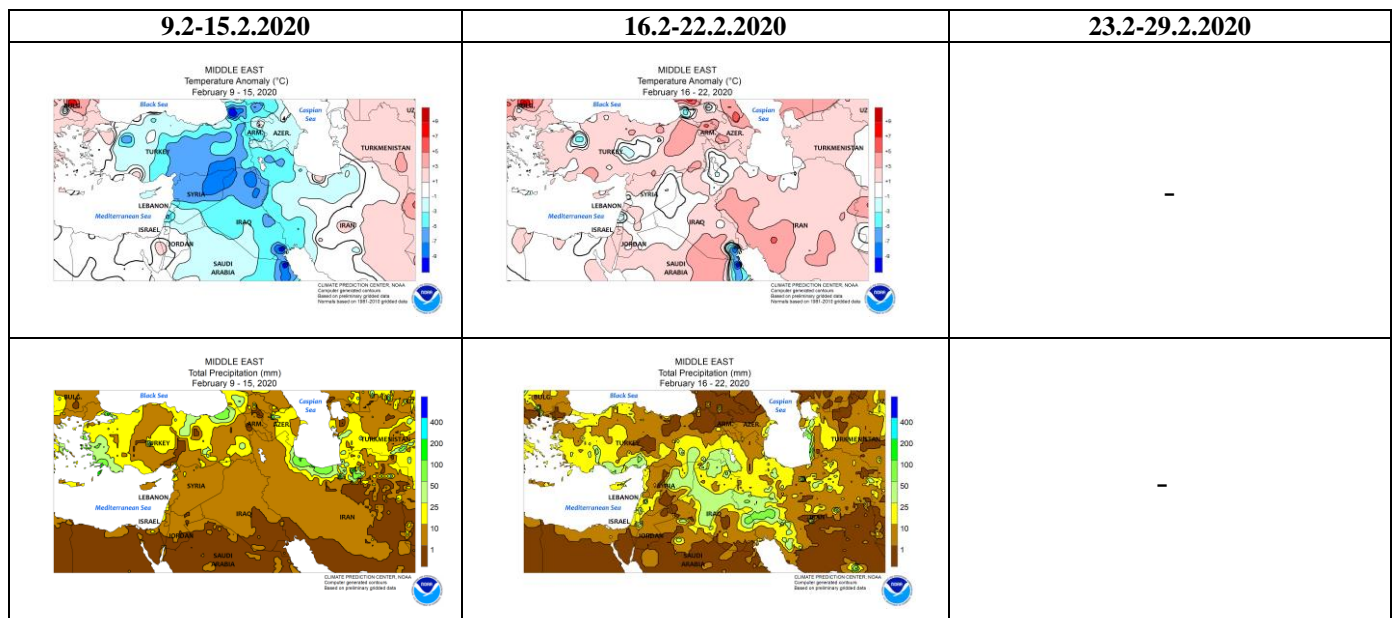
An updated statement will be issued on 9-3-2020

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

## ANNEX

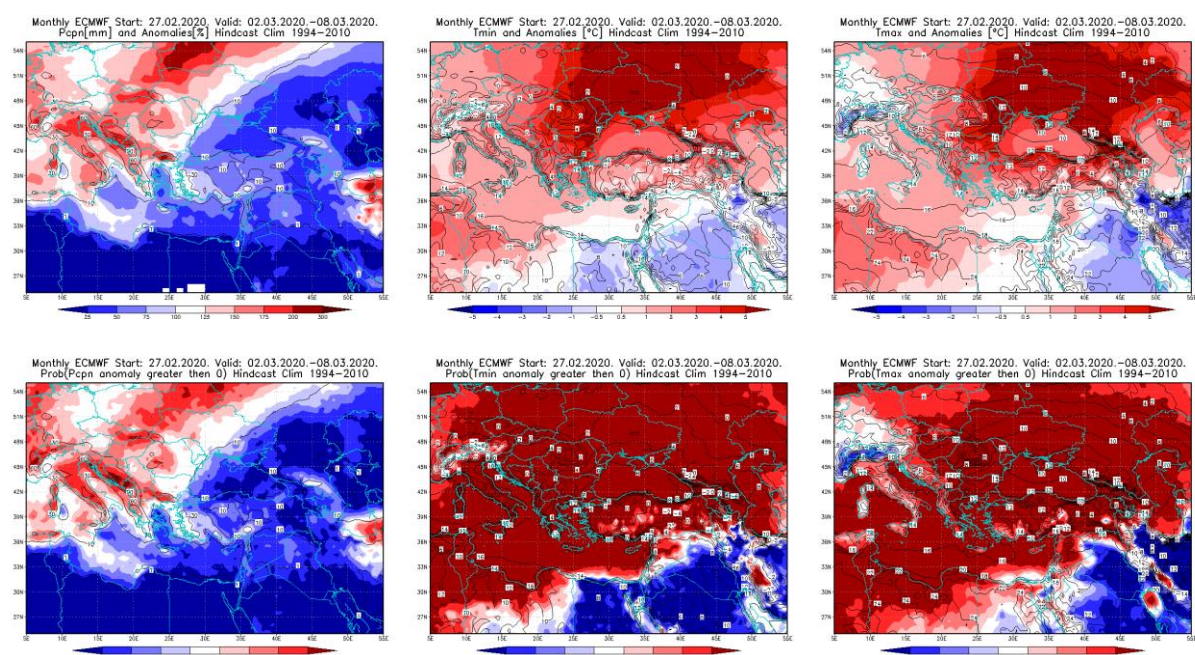


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

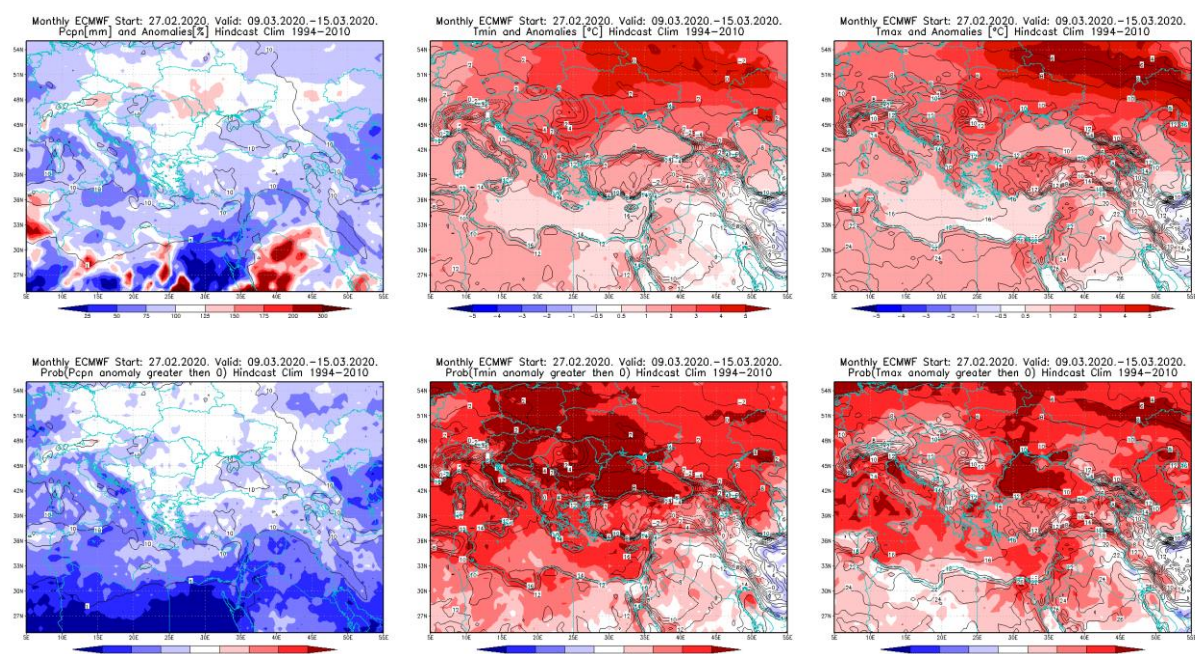


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



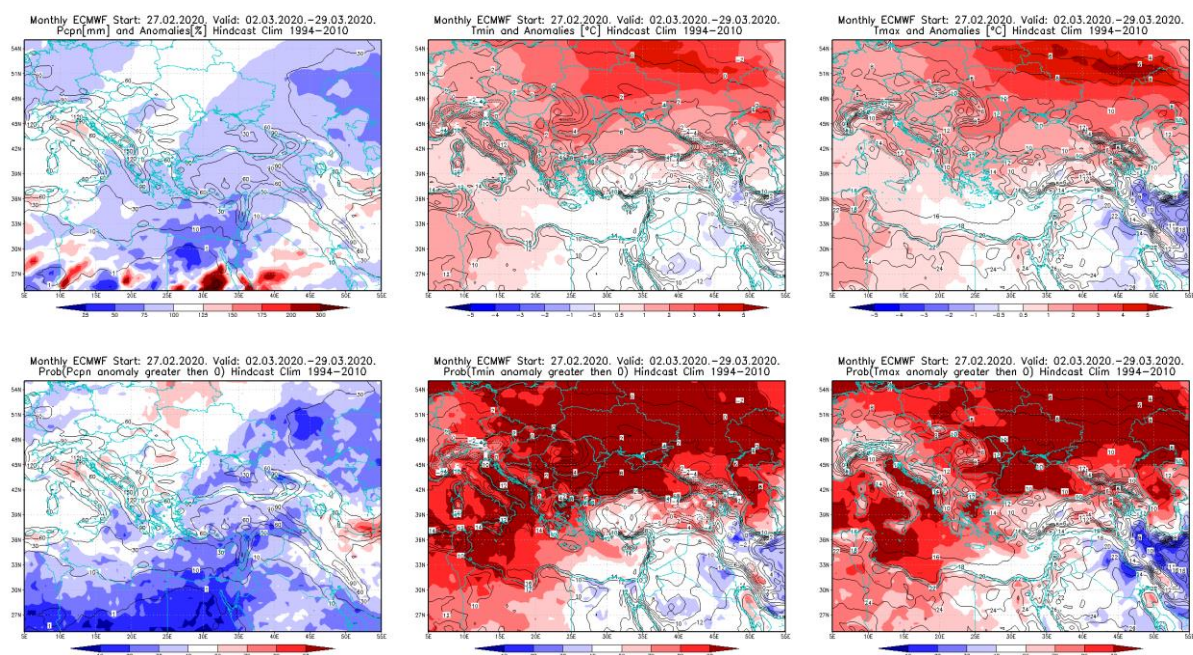


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2.3 – 8.3.2020 period

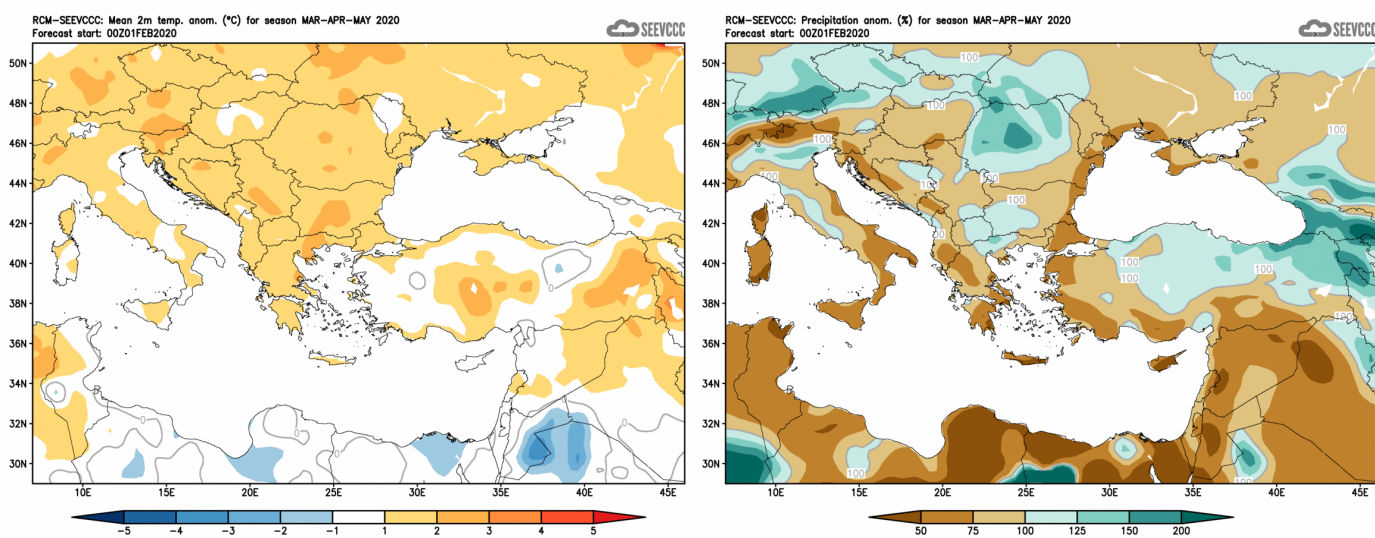


**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 9.3 – 15.3.2020 period





**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 2.3 – 29.3.2020 period



**Figure 6.** Mean seasonal temperature and precipitation anomaly for the season MAM (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/>)