

## Climate Watch (Serial No.: 20200224 – 08)

Initial/Updated/Final

Topic: **temperature**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended / 24-2-2020 12:00 P.M.  
Cancelled

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Valid from – to: 24-2-2020 – 31-5-2020 Next amendment: 2-3-2020

Region of concern: **SEE**

**„In the period from February 24<sup>th</sup> to March 1<sup>st</sup> 2020, above normal mean weekly air temperature is expected with anomaly up to +5°C in most of the region and up to +6°C in Moldova, most of Ukraine and part of Romania. Probability for exceeding upper tercile is around 80%.“**

### Monitoring

During the period from February 16<sup>th</sup> to 22<sup>nd</sup> 2020, above normal air temperature was observed in most of the Balkans, Ukraine, Moldova, Romania and part of south Caucasus, with anomaly in a range from +2°C up to +6°C. Below normal air temperature, with anomaly around -2°C, was registered in Crete and central Turkey. In most of the region precipitation sums were below 25 mm. Precipitation totals reached 75 mm in part of southern Turkey and 150 mm in southeastern Serbia and northwestern Bulgaria.

## **Outlook**

Within the first week (February 24<sup>th</sup> to March 1<sup>st</sup> 2020), ECMWF monthly forecast predicts above normal mean weekly air temperature with anomaly up to +5°C in most of the region and up to +6°C in Moldova, most of Ukraine and part of Romania. Probability for exceeding upper tercile is around 80%. Below normal mean weekly air temperature is predicted for Middle East and part of central Turkey, with anomaly up to -2°C and up to 90% probability for exceeding lower tercile. Precipitation deficit is expected in most of the region, with around 80% probability for exceeding lower tercile. Precipitation surplus is expected in Jordan and southern Israel, with probability for exceeding upper tercile around 70%.

During the second week (March 2<sup>nd</sup> to 8<sup>th</sup> 2020), above normal mean weekly air temperature is expected in most of the region, with anomaly up to +3°C in most parts, while in Ukraine and south Caucasus expected anomaly is up to +5. Probability for exceeding upper tercile is low for most of the region except in Ukraine and south Caucasus where it is around 80%. Precipitation surplus is predicted for the southern and central Balkans, southern and western Turkey, Jordan and Israel, with up to 70% for exceeding upper tercile. Precipitation deficit is expected along Adriatic coast, with around 60% for exceeding lower tercile.

In the period from February 24<sup>th</sup> to March 22<sup>nd</sup> 2020, above normal mean monthly air temperature is expected in most of the Balkans, Romania, Moldova and Ukraine, with anomaly up to +3°C, in northern Ukraine up to +4°C. Probability for exceeding upper tercile is around 80%. Average precipitation sums are expected in most of the region.

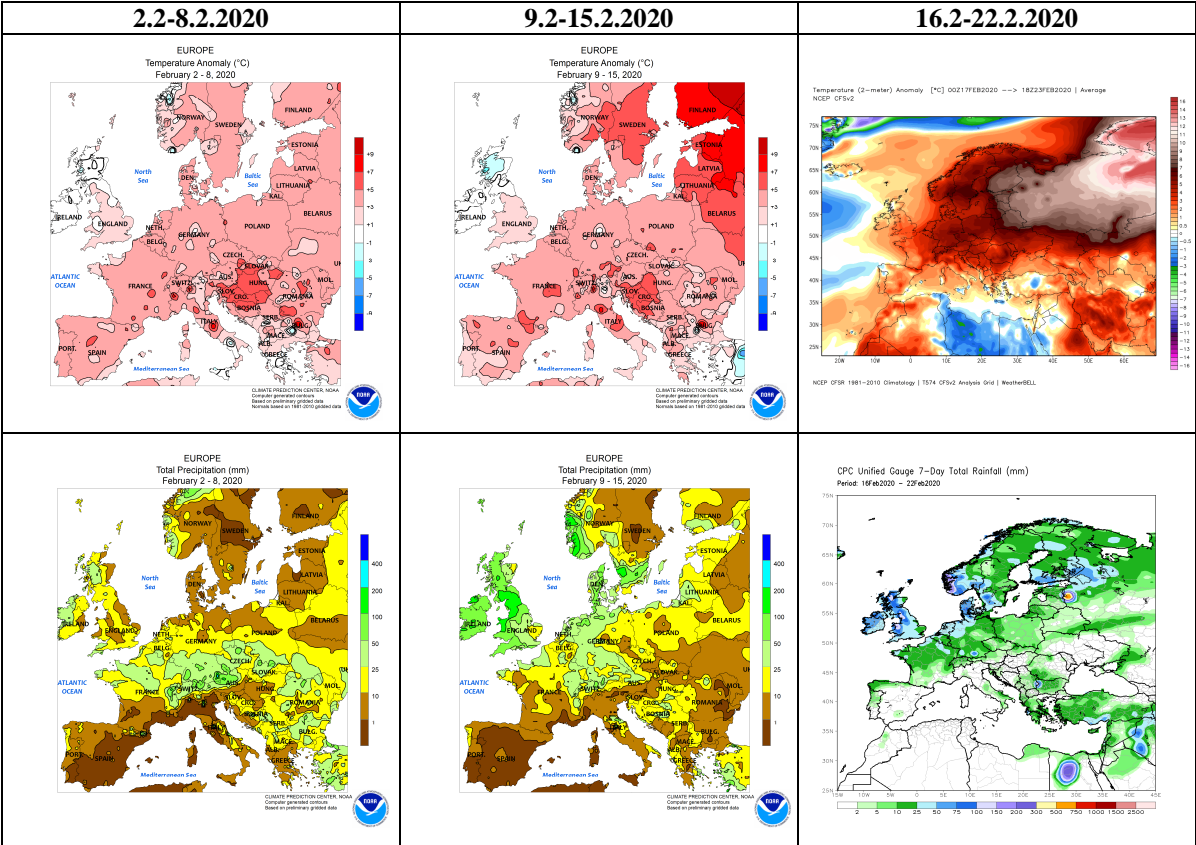
During the following three months (March, April and May) seasonal forecast predicts above normal seasonal air temperature for most of the Balkans and central and eastern Turkey. Precipitation surplus is predicted for the Carpathian region, northern and northeastern Turkey and in south Caucasus. Precipitation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

## **Update**

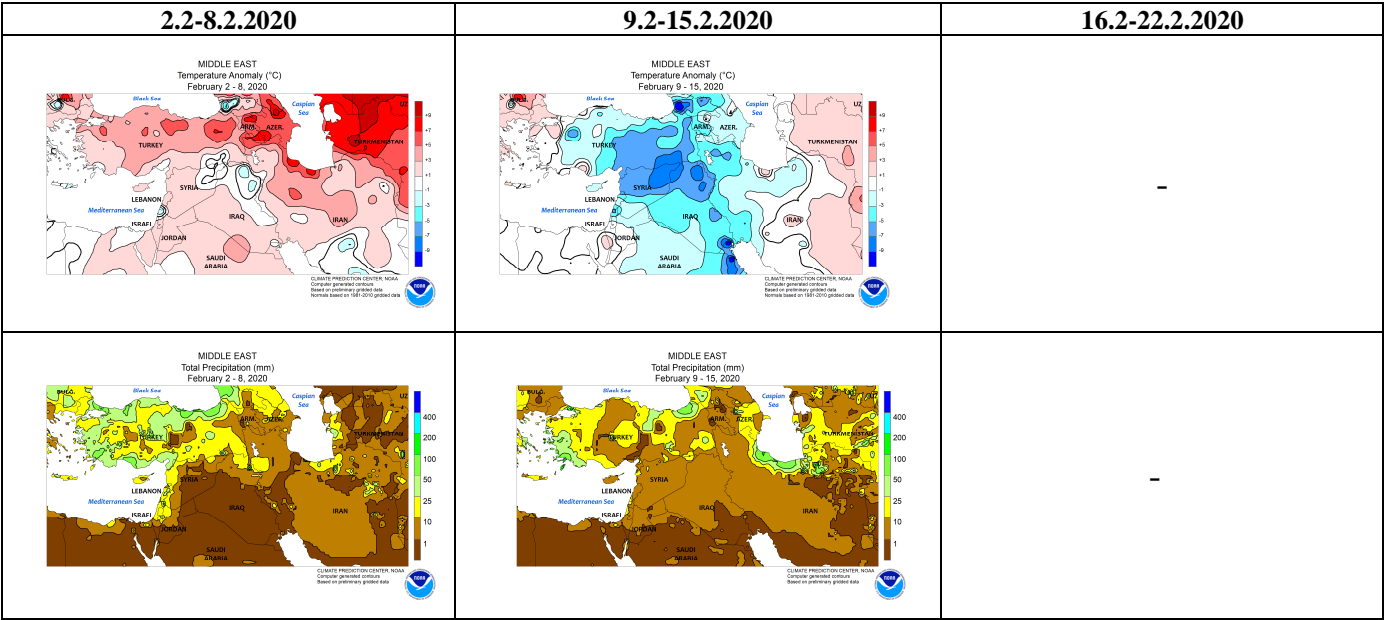
An updated statement will be issued on 2-3-2020

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

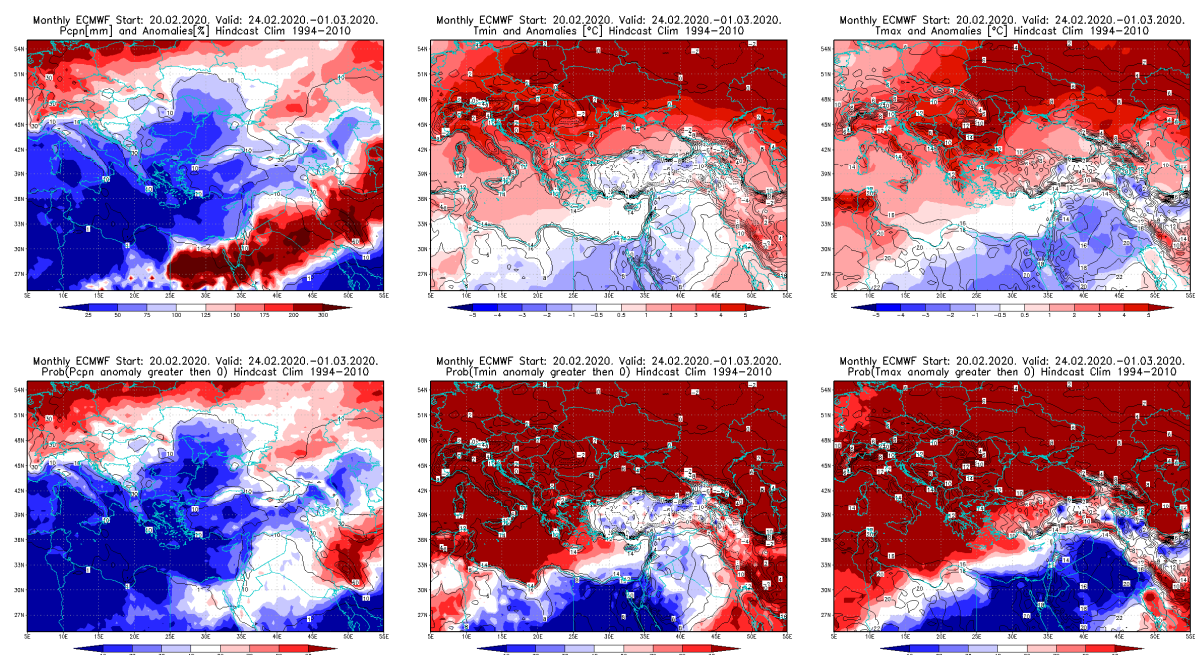
ANNEX



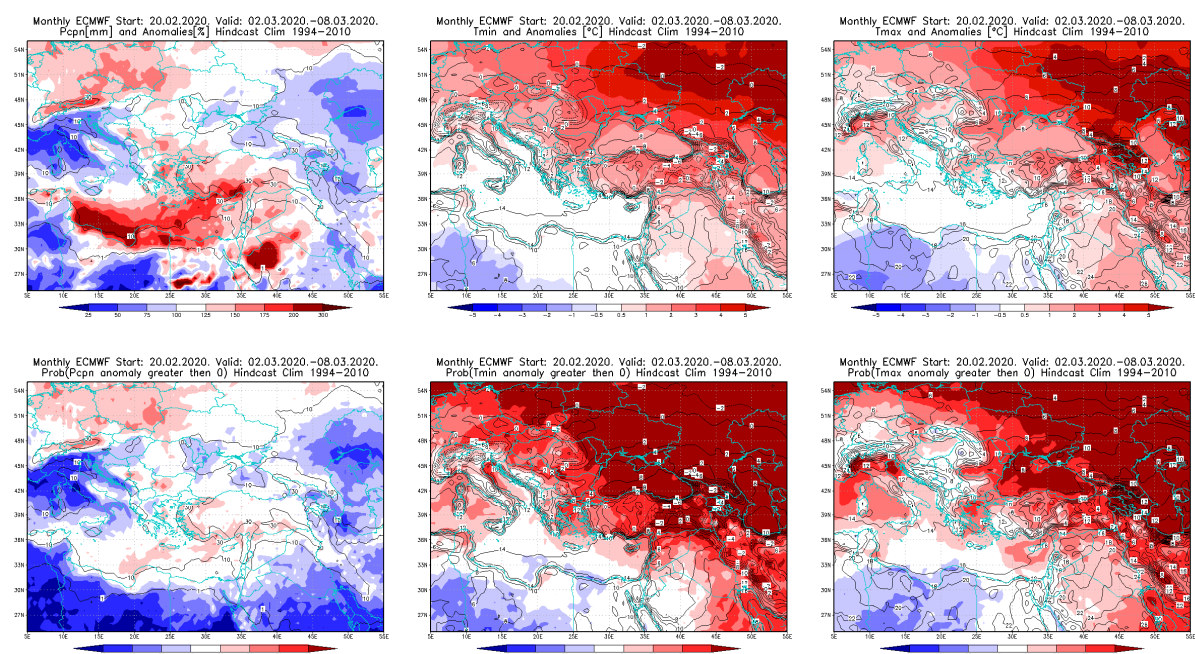
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



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

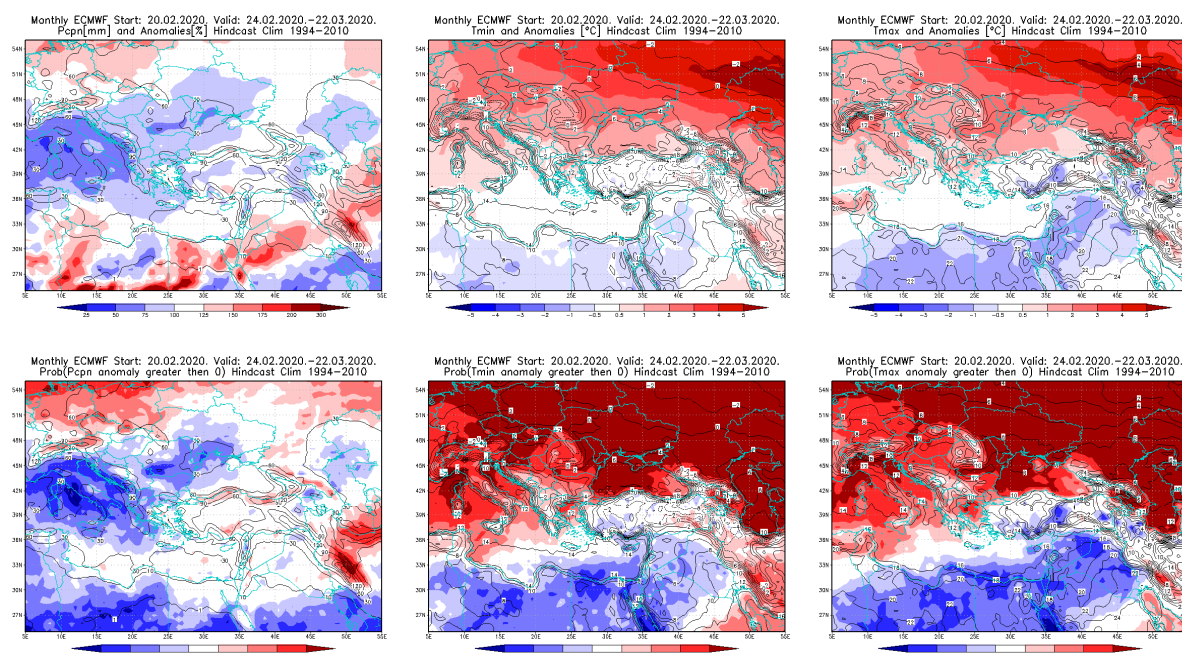


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 24.2 – 1.3.2020 period

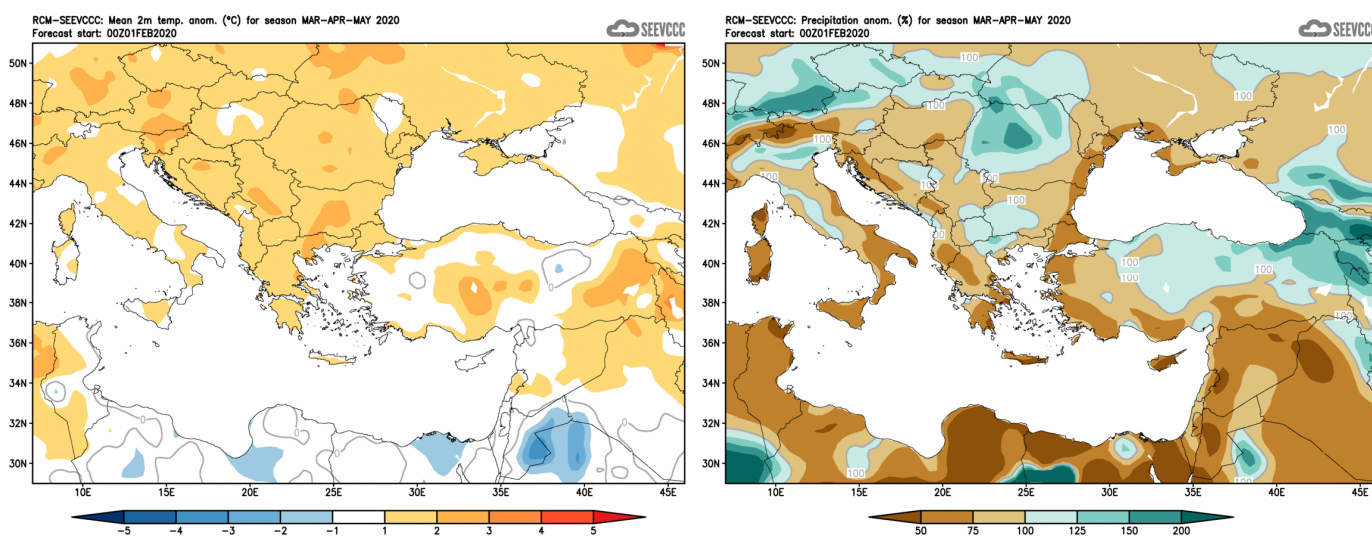


**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2 – 8.3.2020 period





**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 24.2 – 22.3.2020 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/>)