

Climate Watch (Serial No.: 20200217 – 07)

Initial/Updated/Final

Topic: **temperature**

Organization issuing
the statement: SEEVCCC

Issued/ Amended /
Cancelled 17-2-2020 12:00 P.M.

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Valid from – to: 17-2-2020 – 31-5-2020 Next amendment: 24-2-2020

Region of concern: **SEE**

„In the period from February 17th to March 15th 2020, above normal mean monthly air temperature is expected in most of the region, with anomaly up to +4°C. Probability for exceeding upper tercile is around 70%.“

Monitoring

During the period from February 9th to 16th 2020, above normal air temperature was observed in the Balkans, with anomaly up to +6°C. Below normal air temperature, with anomaly up to -5°C, was registered in Turkey and Middle East. In most of the region precipitation sums were below 25 mm. Precipitation totals reached 100 mm in part of southwestern and northeastern Turkey.

Outlook

Within the first week (February 17th to 23rd 2020), ECMWF monthly forecast predicts above normal mean weekly air temperature in most of the region, with anomaly up to +5°C. Below normal mean weekly temperature anomaly is predicted for part of central Turkey, with anomaly up to -3°C. Probability for exceeding upper/lower tercile is up to 80%. Precipitation surplus is expected in the southern Balkans with probability for exceeding upper tercile around 60%. Precipitation deficit is expected in part of the northern and western Balkans and most of Turkey. Probability for exceeding lower tercile is around 60%.

During the second week (February 24th to March 1st 2020), above normal mean weekly air temperature is expected in most of the region, with anomaly up to +5°C. Probability for exceeding upper tercile is around 70%. Average precipitation sums are expected in most of the region.

In the period from February 17th to March 15th 2020, above normal mean monthly air temperature is expected in most of the region, with anomaly up to +4°C. Probability for exceeding upper tercile is around 70%. 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 24-2-2020

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

ANNEX

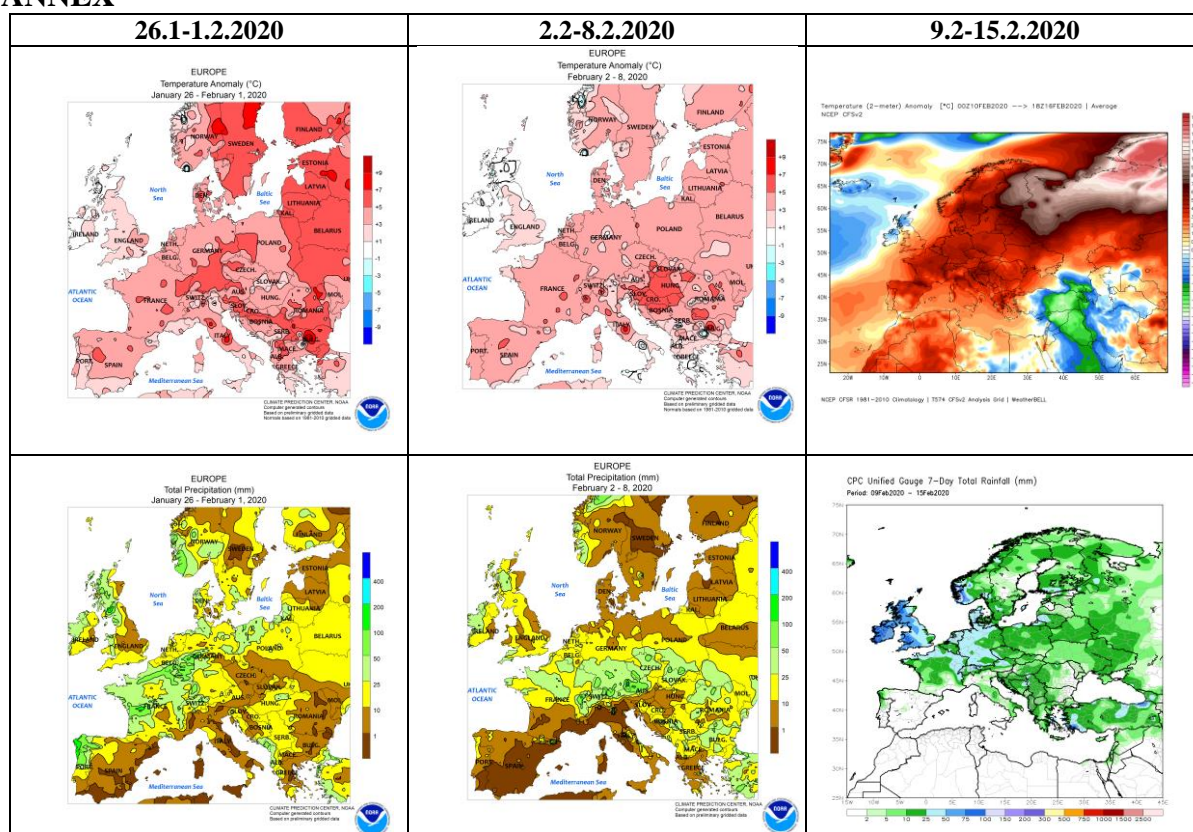


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

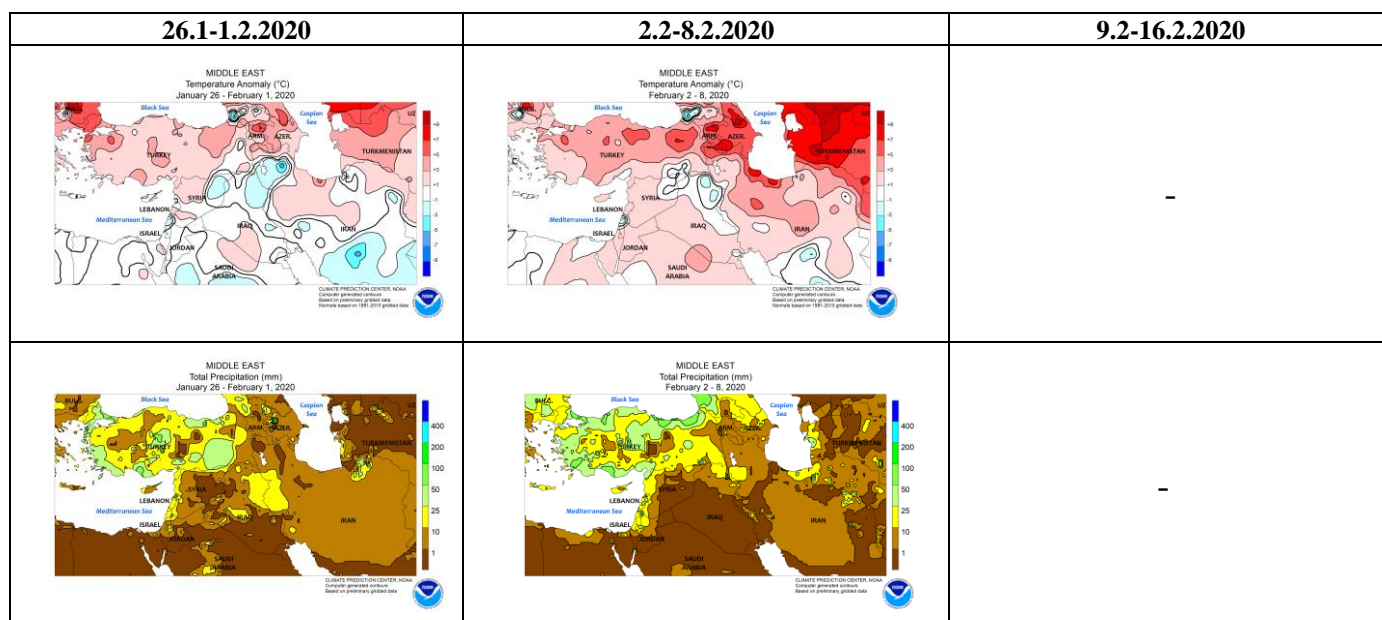


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

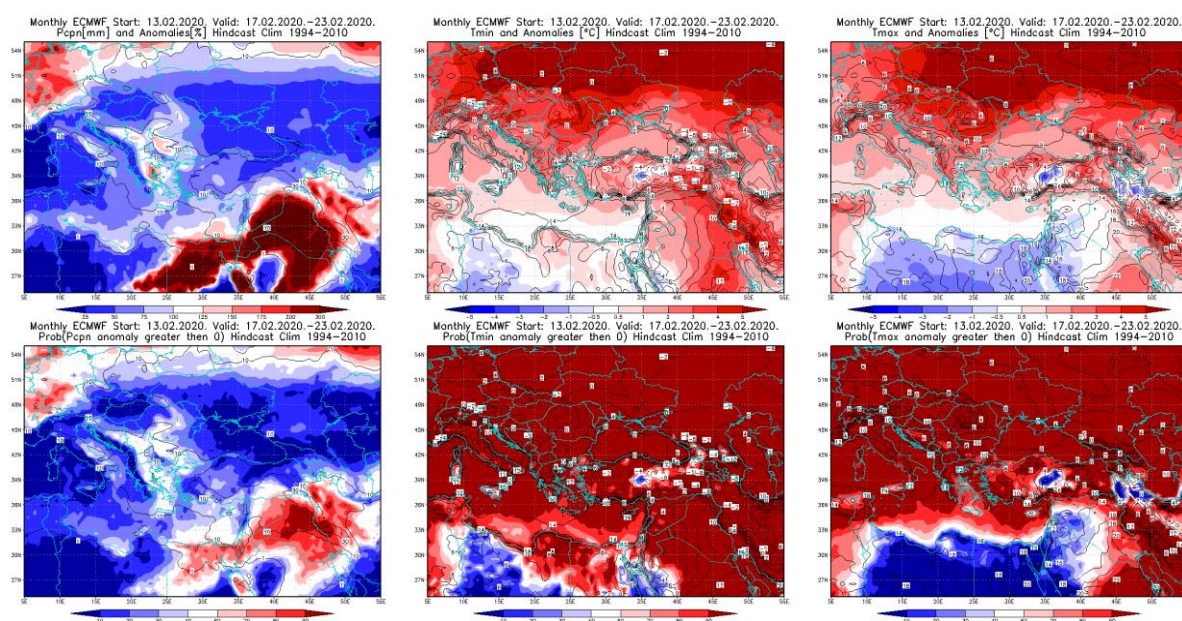


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.2 – 23.2.2020 period

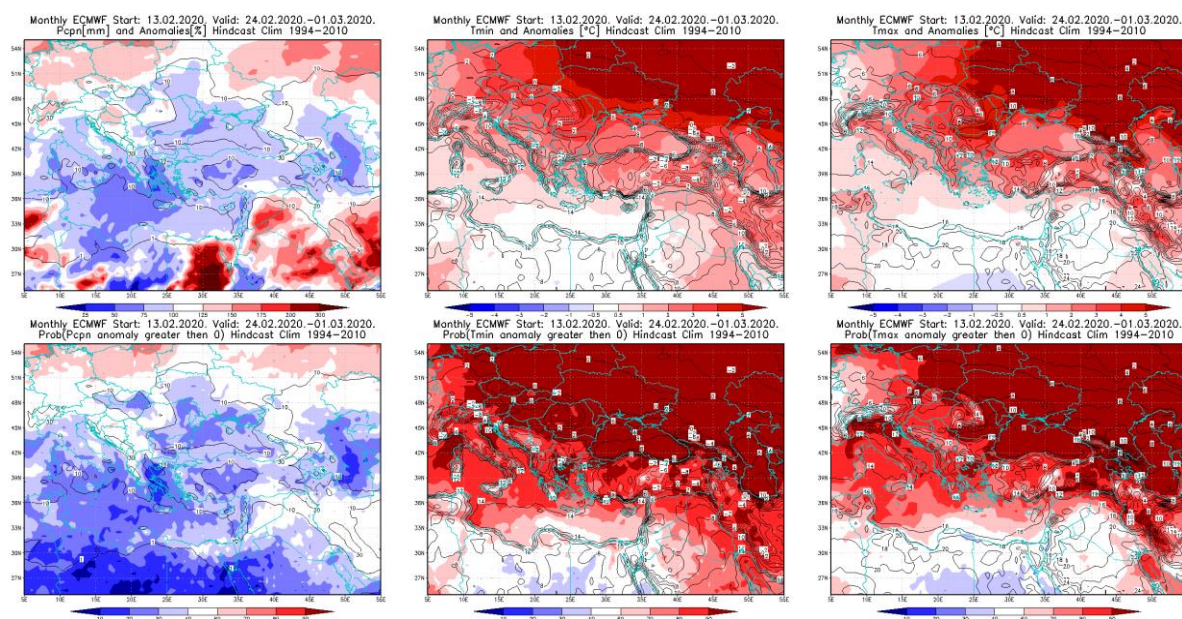


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 24.2 – 1.3.2020 period

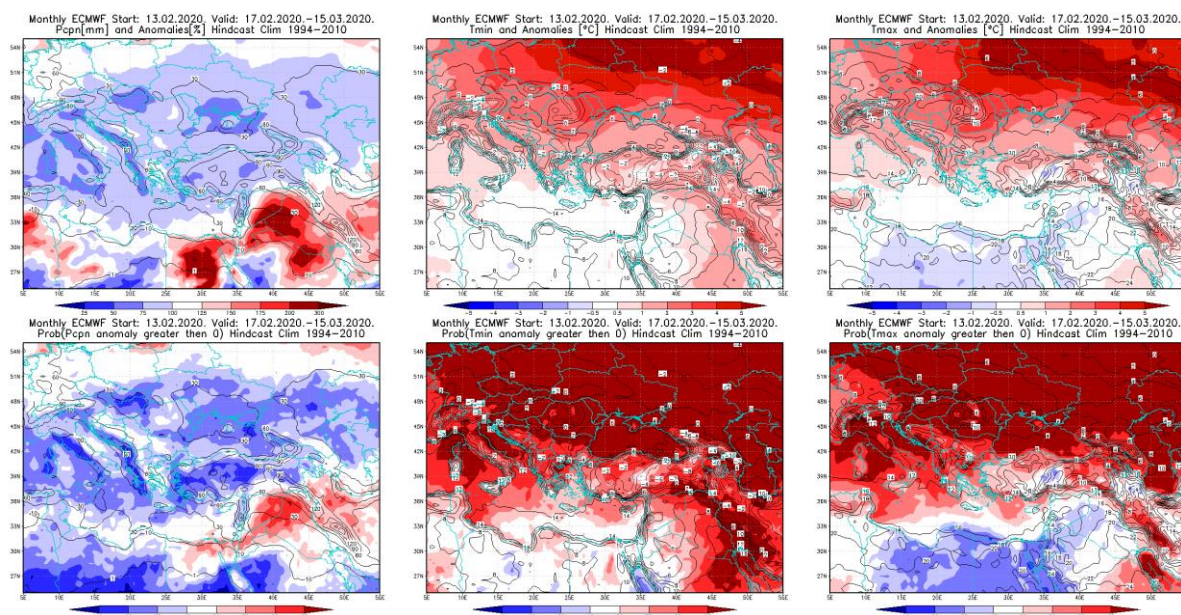


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.2 – 15.3.2020 period

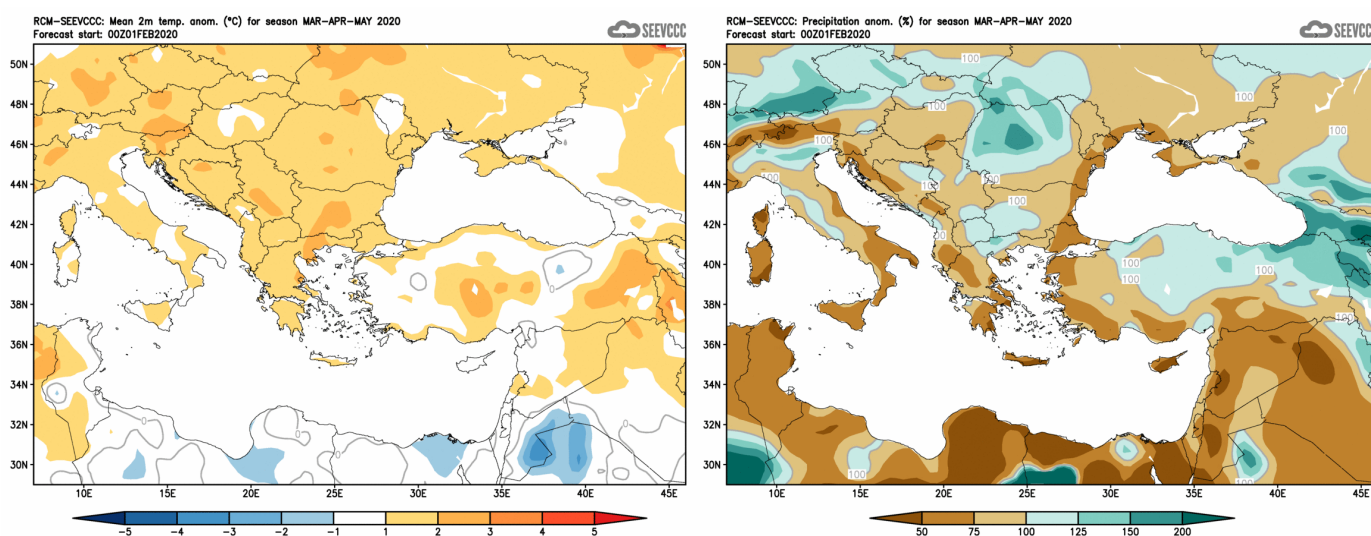


Figure 6. Mean seasonal temperature and precipitation anomaly for the season MAM (seasonal outlook from RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- 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/>)