

Climate Watch (Serial No.: 20201116 – 46)

Initial/Updated/Final

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Valid from – to: 16-11-2020 – 31-1-2021 Next amendment: 23-11-2020

Region of concern: **SEE region**

„Within the first week (November 16th to 22nd 2020), ECMWF monthly forecast predicts average temperature for most of the region. Precipitation surplus is forecasted for most of the Balkans, Aegean region and Eastern Mediterranean with around 80% probability for exceeding upper tercile.”

Monitoring

During the period from November 8th to 14th 2020, precipitation sums were below 10 mm in most of the SEE region. Weekly precipitation totals in some locations in northern Turkey and Greece reached up to 75 mm, while in Crete sums reached up to 100 mm.

Outlook

Within the first week (November 16th to 22nd 2020), ECMWF monthly forecast predicts average temperature for most of the region. Precipitation surplus is forecasted for most of the Balkans, Aegean region and Eastern Mediterranean with around 80% probability for exceeding upper tercile.

During the second week (November 23rd to 29th 2020), average temperature is predicted for most of the Balkans and western Turkey. Below normal mean monthly air temperature is expected along the coasts of Adriatic Sea, with anomaly reaching up to -2°C and probability around 60% for exceeding lower tercile. Precipitation surplus is expected in southern Turkey and eastern Mediterranean, with probability for exceeding upper tercile around 60%. In rest of the region average precipitation sums are expected.

In the period from November 16th to December 13th 2020, average temperature is expected in most of the SEE region. Precipitation surplus is forecasted in the southern Balkans and eastern Mediterranean with up to 70% probability for exceeding upper tercile. In rest of the region average precipitation sums are expected.

During the following three months (November, December and January) seasonal forecast predicts above normal seasonal air temperature for most of the region, while in most of Turkey, Middle East and parts of the south Balkans average temperature is forecasted. Precipitation surplus is predicted for southern coast of the Black Sea and southern Adriatic, Carpathian region, some parts of the Southern Caucasus, as well as southernmost of Ukraine. Average precipitation is expected in most of Turkey, Ukraine and Moldova, as well as some locations in the eastern and central Balkans.

Update

An updated statement will be issued on 23-11-2020

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

ANNEX

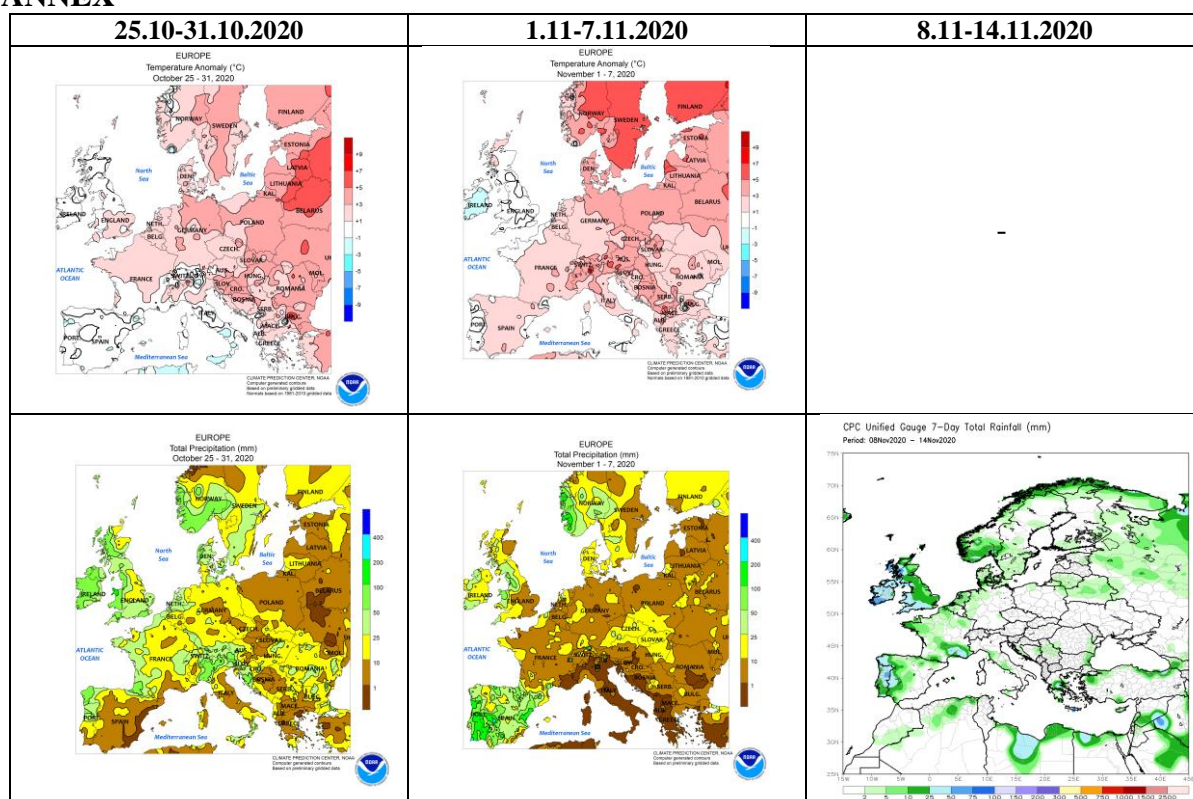


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

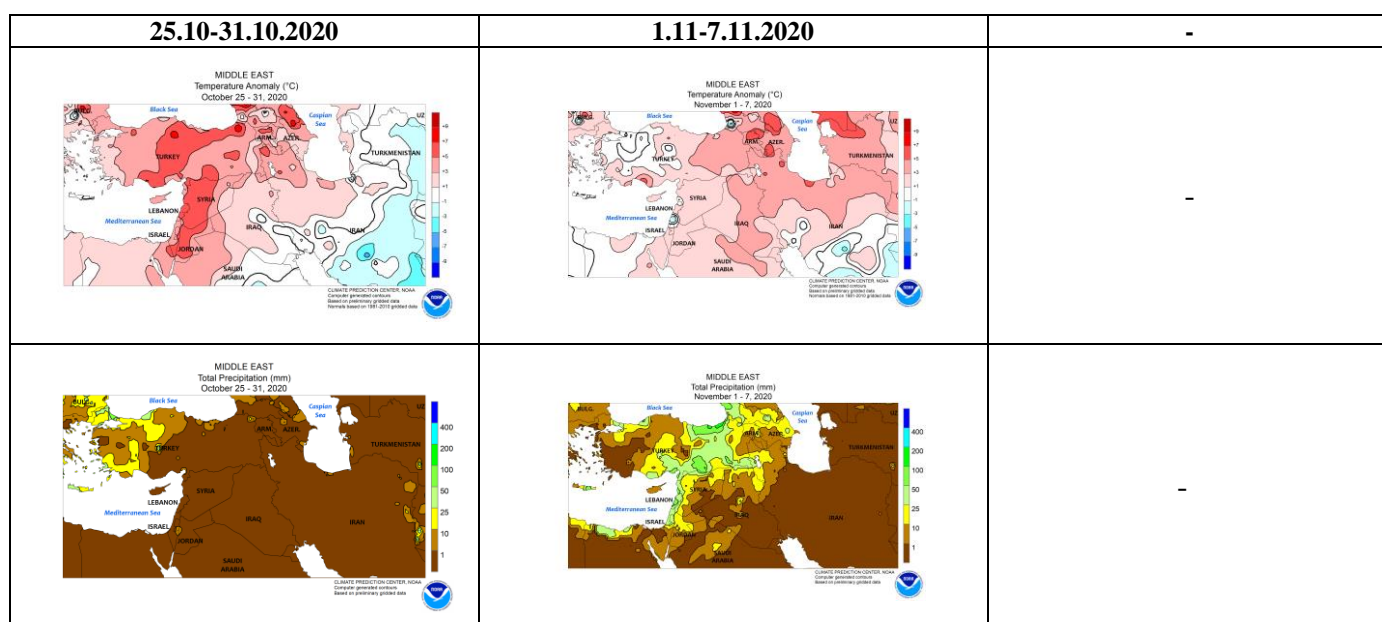


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

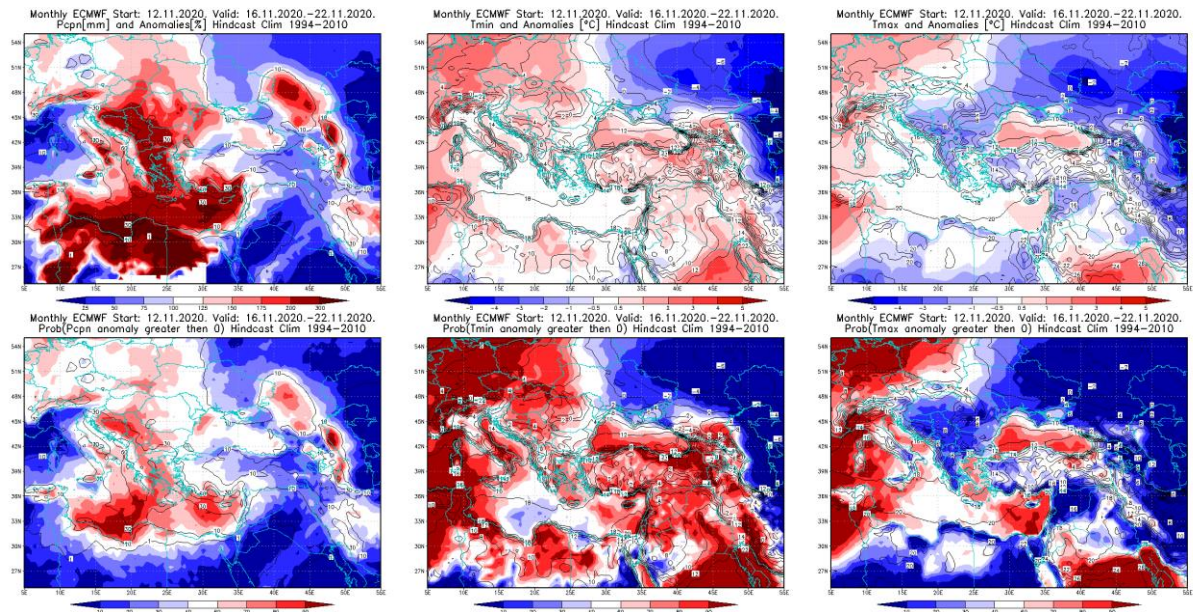


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 16.11–22.11.2020 period

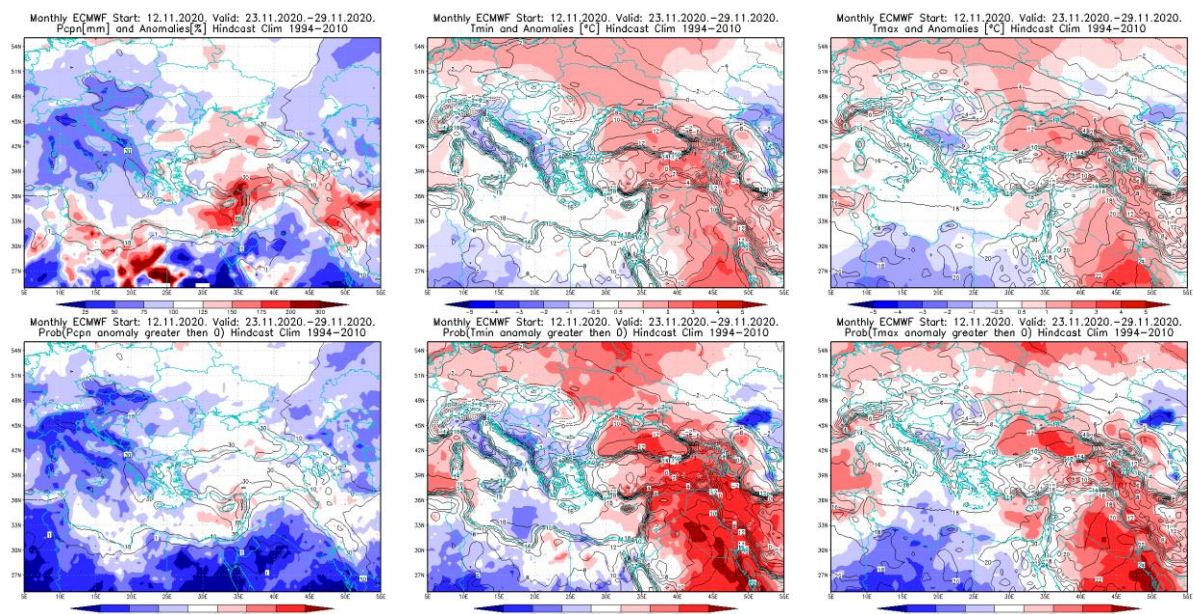


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 23.11–29.11.2020 period

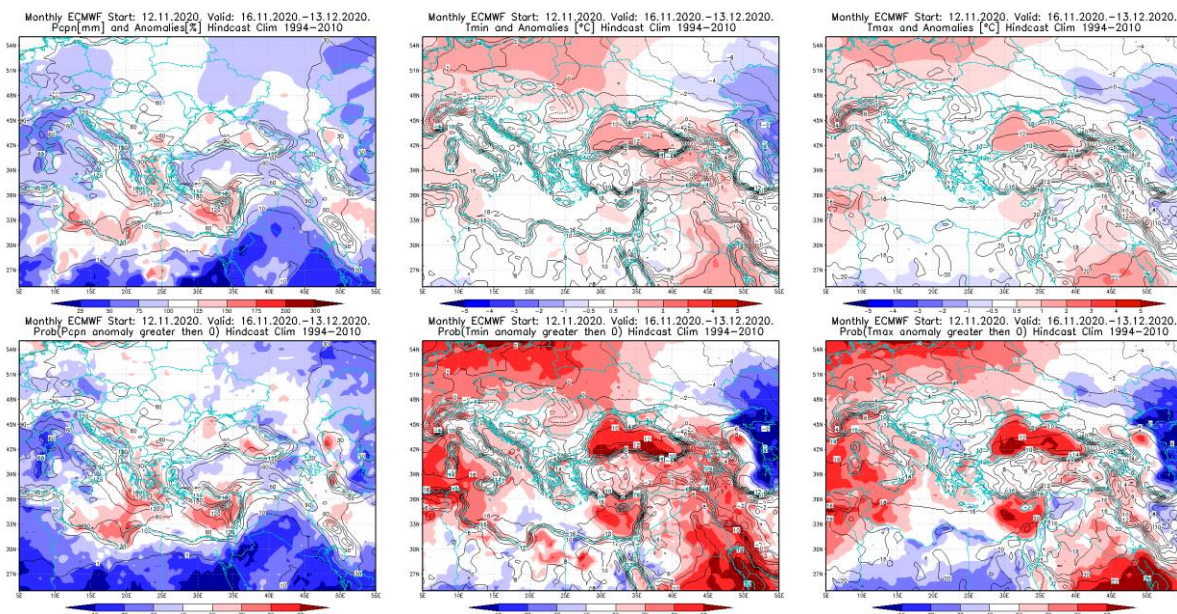


Figure 5. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 16.11–13.12.2020 period

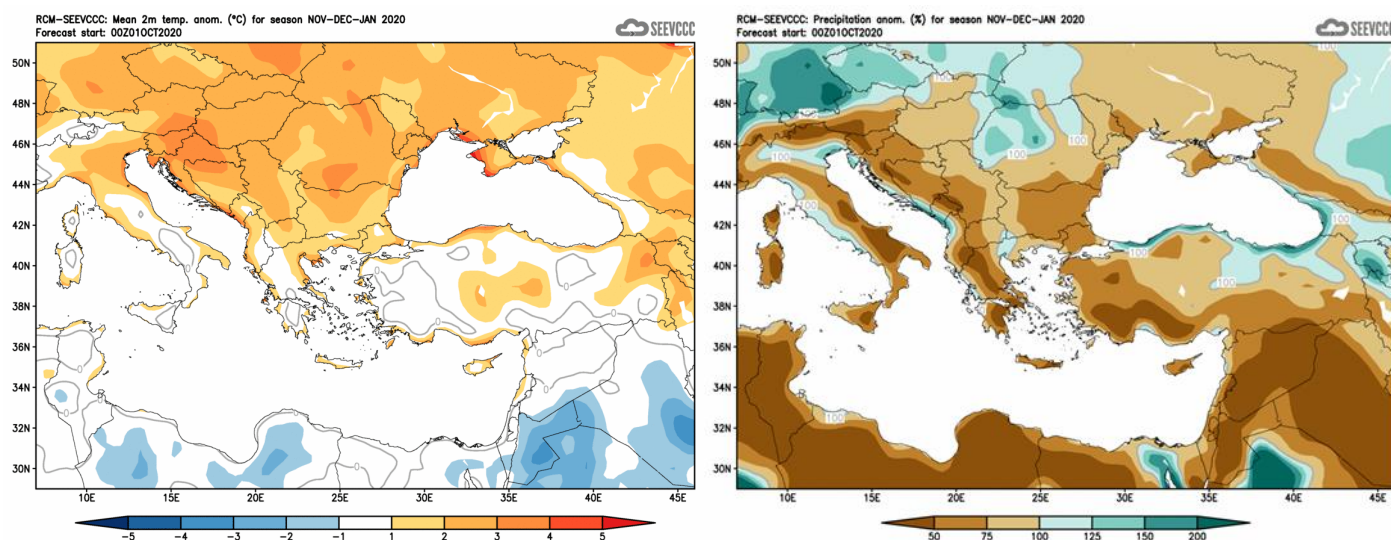


Figure 6. Mean seasonal temperature and precipitation anomaly for the season NDJ (seasonal outlook from RCM – SEEVCCC)

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/>)