

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Region of concern: Moldova, most of Romania, eastern Bulgaria, northern Turkey

„In the period from May 30th to June 5th 2016, forecast predicts precipitation surplus in Moldova, most of Romania, eastern Bulgaria and northern Turkey, with up to 80% probability for exceeding upper tercile. “

Monitoring

In the period from May 22nd to 28th 2016, above normal air temperature¹ was registered in most of the western Balkans, most of Romania, eastern part of Greece and Bulgaria, northernmost part of Turkey with anomaly ranging from +1°C up to +3°C, in some part of south Caucasus reaching up to +5°C. Below normal air temperature was observed in southwestern part of Bulgaria, most part of central and western Turkey with anomaly ranging from -1°C up to -3°C. Weekly precipitation sums ranged from 25 mm up to 100 mm in northeastern and eastern part of Serbia, central part of Bulgaria, Moldova, most part of Romania, parts of northern and central Turkey.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (May 30th to June 5th, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +2°C, in western and central Turkey, southern Balkans and most parts of south Caucasus, with probability up to 90% for exceeding upper tercile. Precipitation surplus is expected in Moldova, most of Romania, eastern Bulgaria and northern Turkey, with up to 80% probability for exceeding upper tercile. Precipitation deficit is predicted for southern and part of western Balkans, along Adriatic coast, Cyprus and most of Turkey, with around 70% probability for exceeding lower tercile.

During the second week (June 6th to 12th, 2016), below normal mean weekly air temperature, with anomaly reaching up to -2°C, is expected in Moldova, most of Romania, eastern Bulgaria and most part of Turkey. Probability for exceeding lower tercile is up to 70%. Precipitation surplus is forecasted for most of Romania, Bulgaria, Moldova, Cyprus and Turkey. Precipitation deficit is predicted over southern Balkans. Probability for exceeding upper/lower tercile is around 60%.

In the period from May 30th to June 26th 2016, above normal mean monthly air temperature is forecasted for southernmost Balkans and western Turkey with anomaly up to +2°C. Probability for exceeding upper tercile is up to 80%. Precipitation surplus is forecasted over central Turkey, Moldova, eastern Romania and eastern Bulgaria. Precipitation deficit is predicted for southern Balkans, along Adriatic coast and Cyprus. Probability for exceeding upper/lower tercile is up to 60%.

During the following three months (June, July and August) SEEVCCC seasonal forecast predicts above normal seasonal air temperature over the Balkans, some parts of south Caucasus, central and eastern Turkey. Precipitation surplus is predicted over Carpathian and Rhodope Mountains, northeastern Turkey, as well as south Caucasus. Precipitation deficit is expected over Pannonian plain, Ionian and Aegean Sea, Cyprus, western and southern Turkey.

Update

An updated statement will be issued on 6-6-2016

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

ANNEX

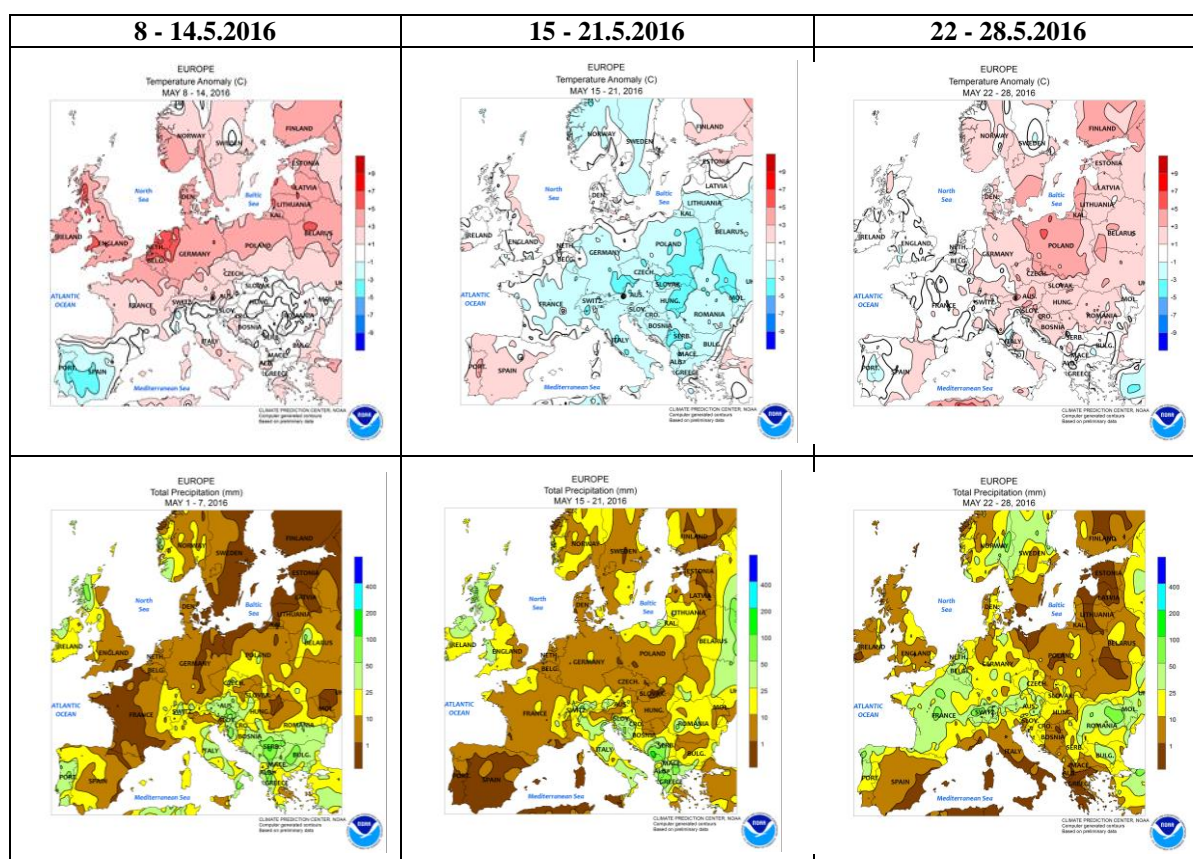


Figure1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

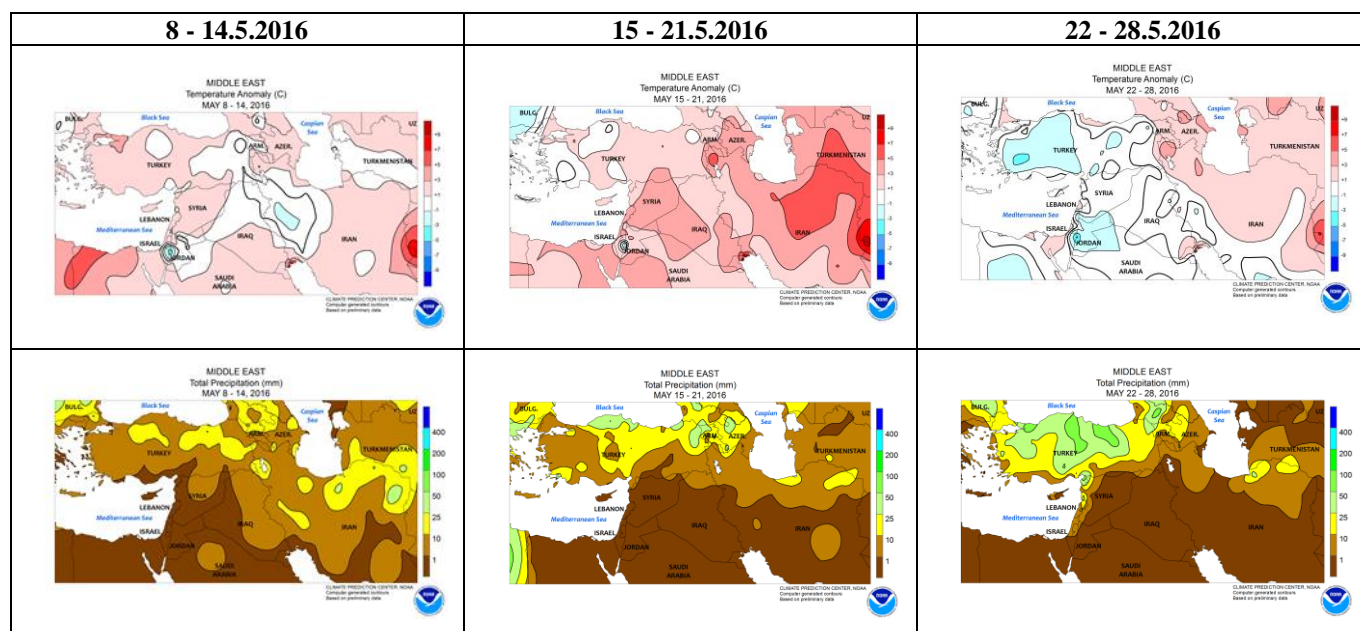


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

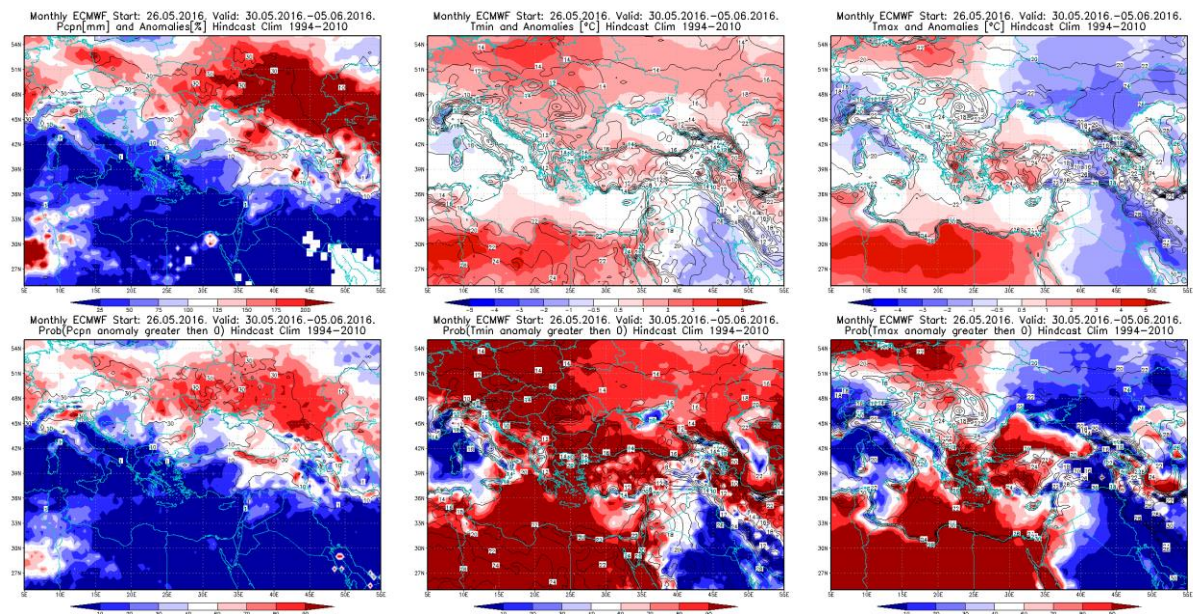


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 30.5–5.6.2016 period

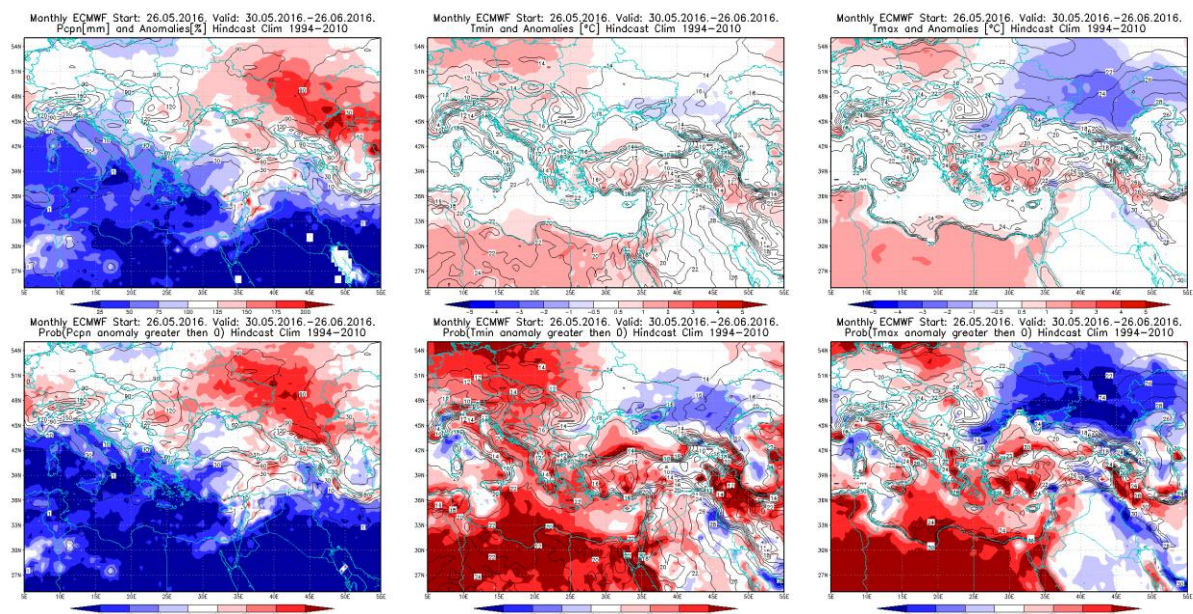


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 30.5–26.6.2016 period

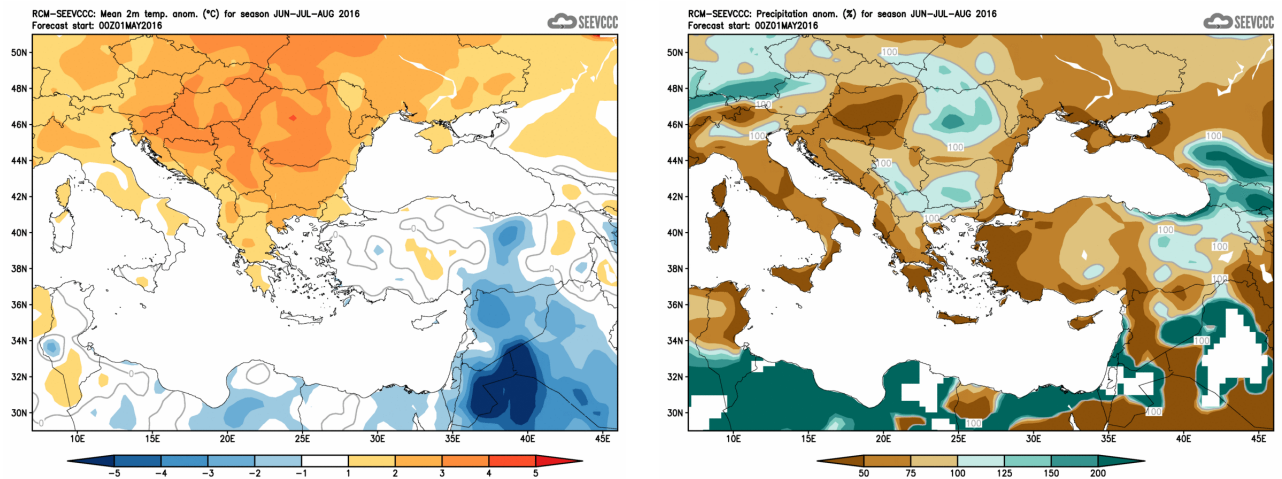


Figure5.Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook from RCM – SEEVCCC)

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/>)