

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Region of concern: **Montenegro, Greece, Turkey, Georgia and Azerbaijan**

„In the period from March 14th to 20th, precipitation surplus is predicted in Georgia, eastern Turkey and Azerbaijan, with up to 90% probability for exceeding upper tercile. Also, during the period from March 14th to April 10th, precipitation surplus is expected in Montenegro and southern Balkans, with up to 60% probability and in Georgia with up to 90% probability for exceeding upper tercile.“

Monitoring

In the period from March 6th to 12th 2016, above normal air temperature¹ was registered in the entire region, with anomaly ranging from +1°C in the northwestern Balkans to +9°C in Ukraine, northern Turkey and south Caucasus. Weekly precipitation sums were mostly below 25 mm, except over the Balkans, where registered precipitation totals reached up to 200 mm in Montenegro.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (March 14th to 20th, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature, with +1°C anomaly in northeastern Balkans, with low probability for exceeding upper tercile. Precipitation surplus is predicted in Georgia, eastern Turkey and Azerbaijan, with up to 90% probability for exceeding upper tercile.

During the second week (March 21st to 27th, 2016), above normal mean weekly air temperature is forecasted, with anomaly ranging from +2°C to +4°C over the Balkans, central, western and northern Turkey. Probability for exceeding upper tercile is around 80%. Precipitation surplus is expected along the Adriatic Sea coast, northern Carpathian Mountains, western Turkey and northern Georgia, with up to 60% probability for exceeding upper tercile.

In the period from March 14th to April 10th 2016, above normal mean monthly air temperature is expected, with +1°C anomaly and 60% probability for exceeding upper tercile. Precipitation surplus is expected in Montenegro and southern Balkans, with up to 60% probability and in Georgia with up to 90% probability for exceeding upper tercile.

During the following three months (April, May and June) SEEVCCC seasonal forecast predicts above normal seasonal air temperature over the Balkans, central and eastern Turkey. Precipitation surplus is predicted in Carpathian Mountains, central and northeastern Turkey, as well as south Caucasus region. Precipitation deficit is expected over Cyprus, southern and southeastern Balkans.

Update

An updated statement will be issued on 21-3-2016

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

ANNEX

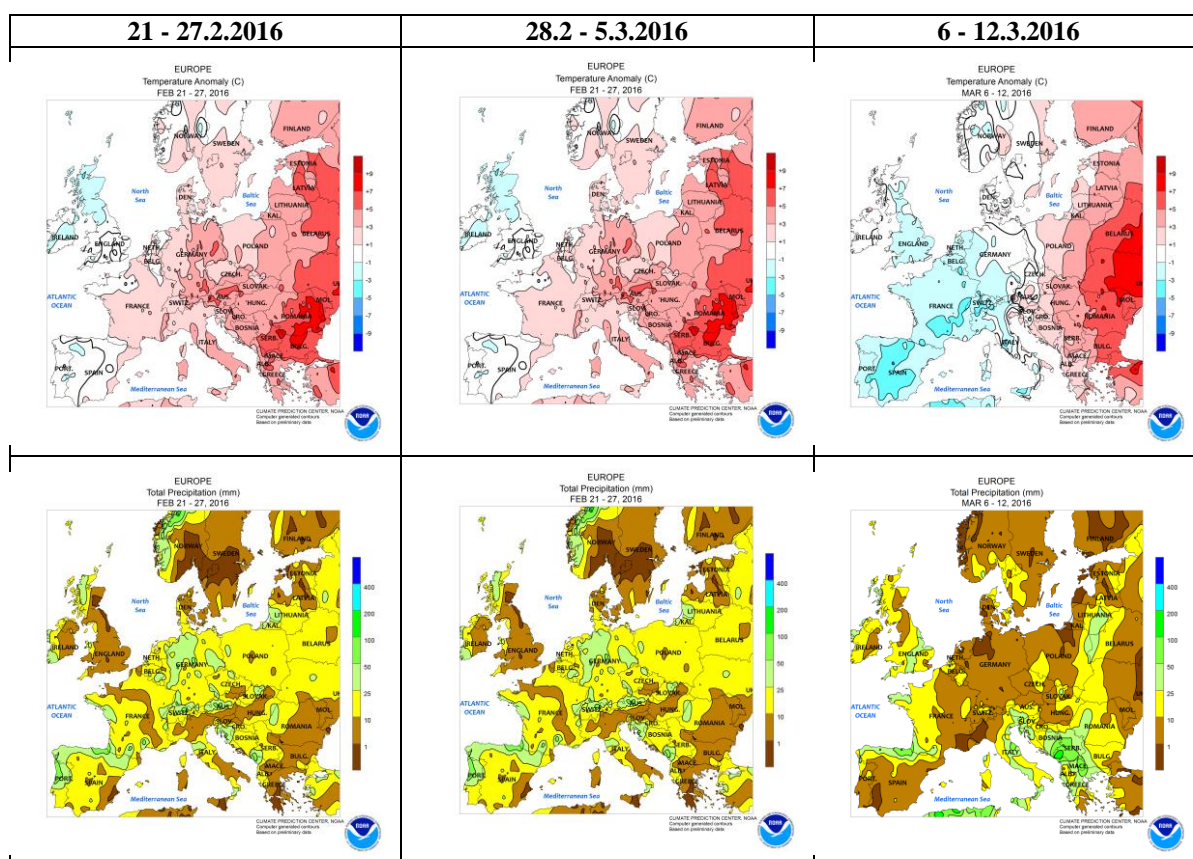


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

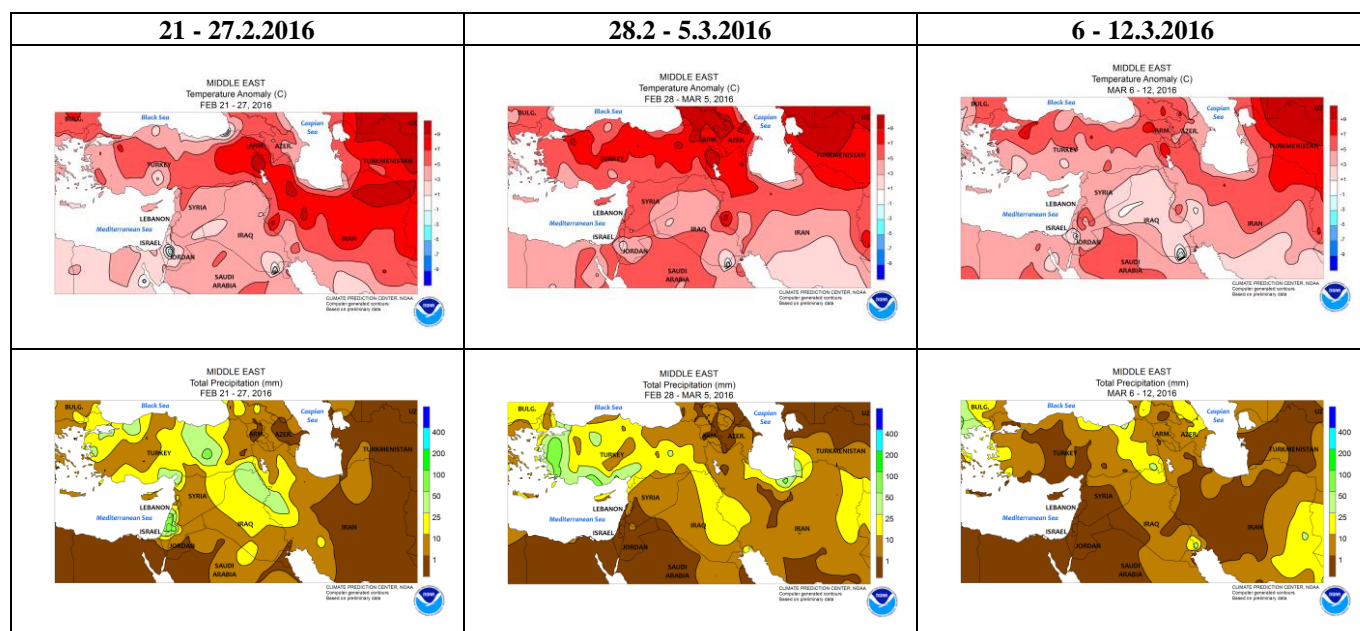


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

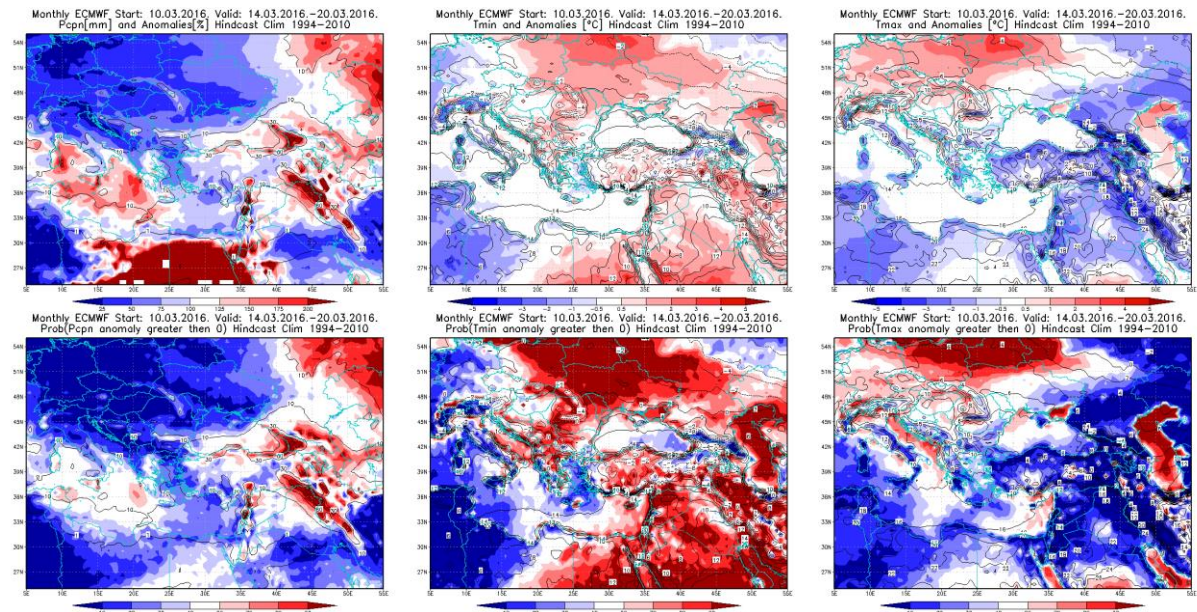


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 14 – 20.3.2016 period

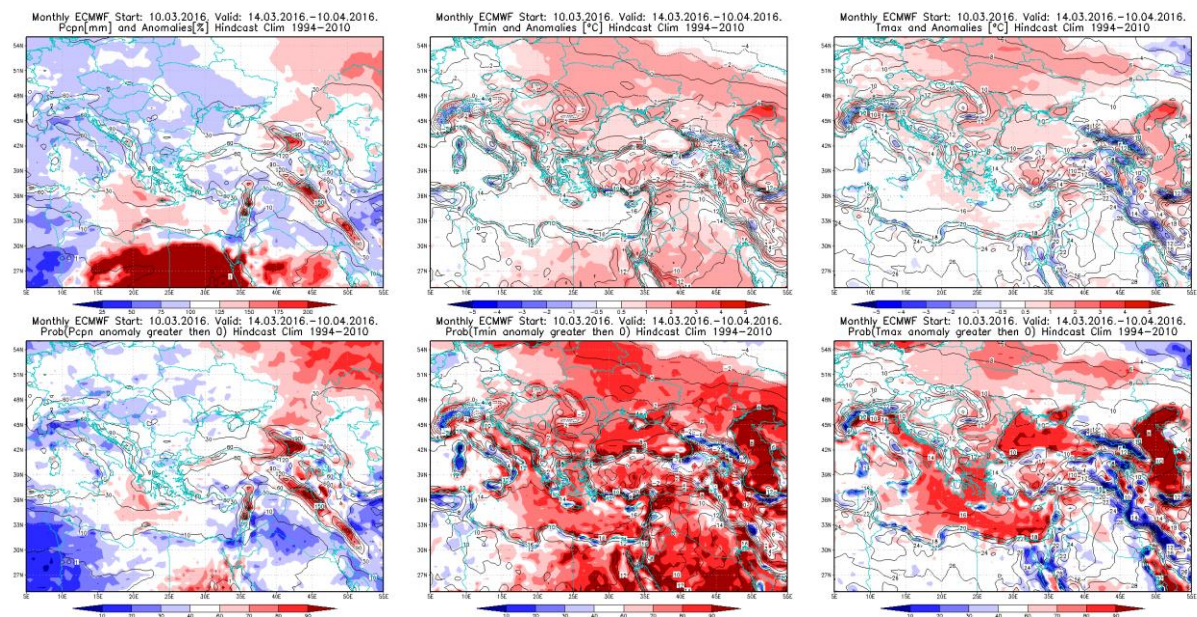


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 14.3 – 10.4.2016 period

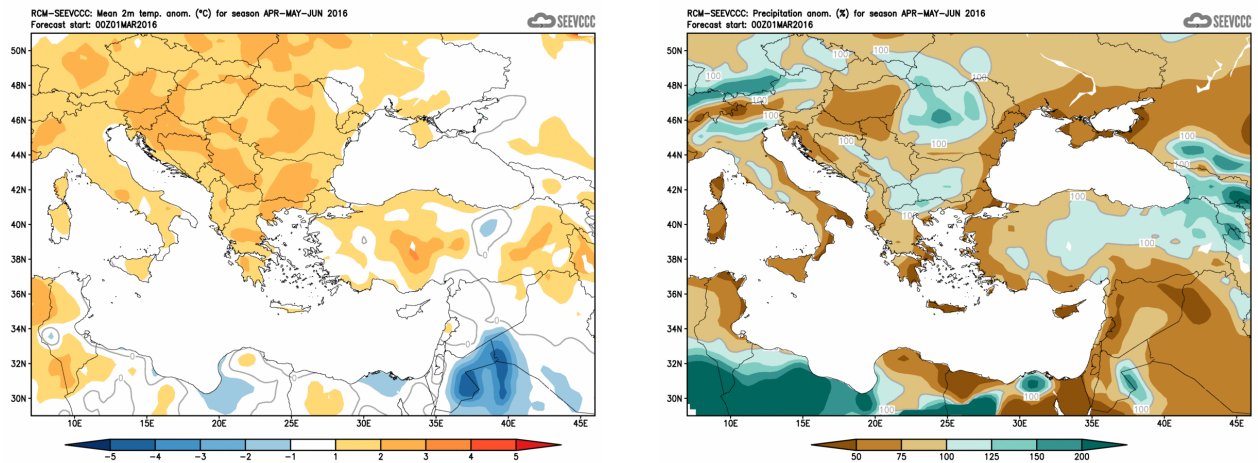


Figure 5. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook from RCM – SEEVCCC)

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/>)