

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

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Cancelled

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Region of concern: **the Balkans**

„In the period from March 21st to 27th, precipitation surplus is predicted over central and southern Balkans, with around 70% probability for exceeding upper tercile.“

Monitoring

In the period from March 13th to 19th 2016, above normal air temperature¹ was registered in southwestern Balkans, Moldova, Ukraine, Azerbaijan, Cyprus, Israel, Jordan, northwestern, southern and eastern Turkey, with anomaly up to +3°C. Below normal air temperature was registered in central Turkey, northwestern and south-central Balkans, with anomaly up to -3°C. Weekly precipitation sums were mostly below 25 mm, except in Greece, Israel and Jordan, up to 50 mm, and selected locations in Turkey, Georgia and Azerbaijan where registered precipitation totals reached up to 100 mm.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (March 21st to 27th, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature in southern Balkans, Turkey and Israel, with up to +3°C anomaly and around 70% probability for exceeding upper tercile. Precipitation surplus is predicted over central and southern Balkans, with around 70% probability for exceeding upper tercile.

During the second week (March 28th to April 3rd, 2016), above normal mean weekly air temperature is forecasted, with anomaly up to +2°C, over the most of the region, but with low probability for exceeding upper tercile. Precipitation surplus is expected over southeastern Turkey and Azerbaijan, with up to 60% probability for exceeding upper tercile.

In the period from March 21st to April 17th 2016, above normal mean monthly air temperature is expected in most of the region, with up to +2°C anomaly and highest probability of around 70% for exceeding upper tercile over central Turkey, Adriatic, Ionian, Aegean and Black Sea. Expected monthly precipitation sums within the climatological values.

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 28-3-2016

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

ANNEX

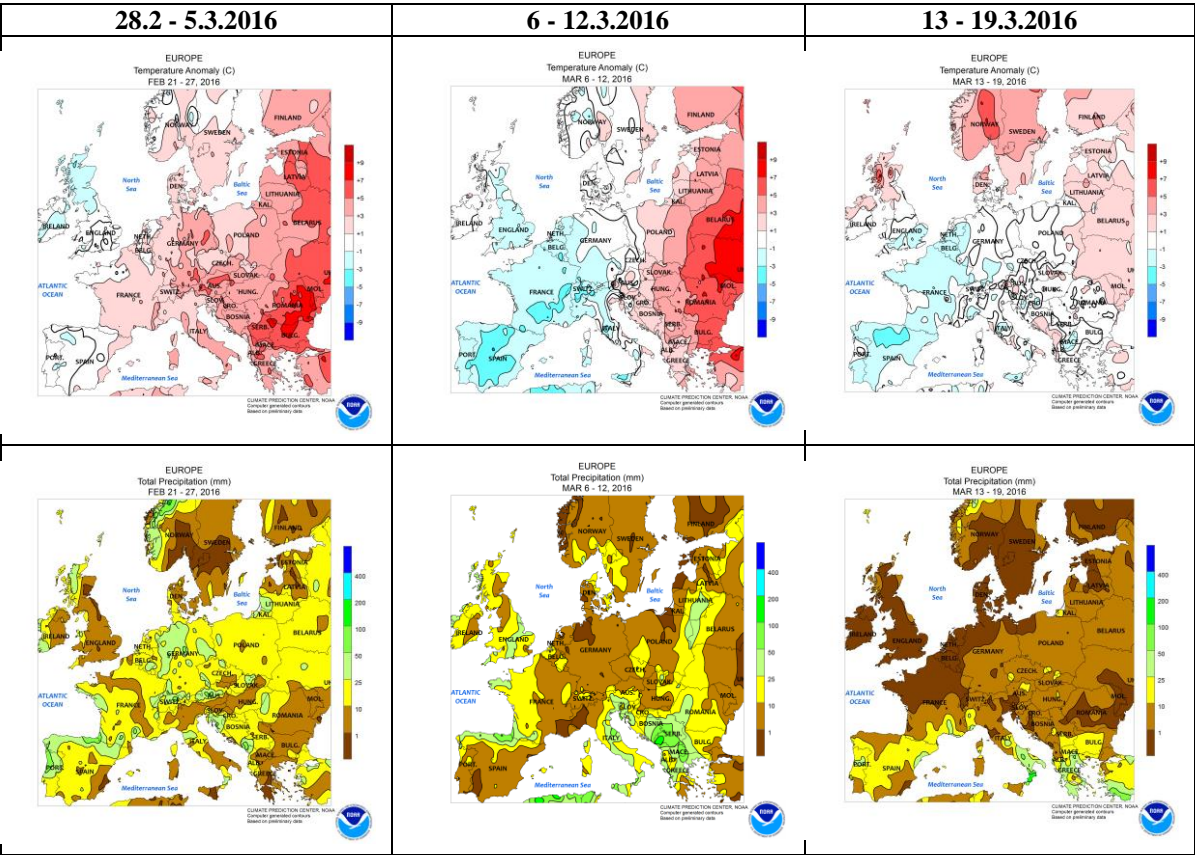


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

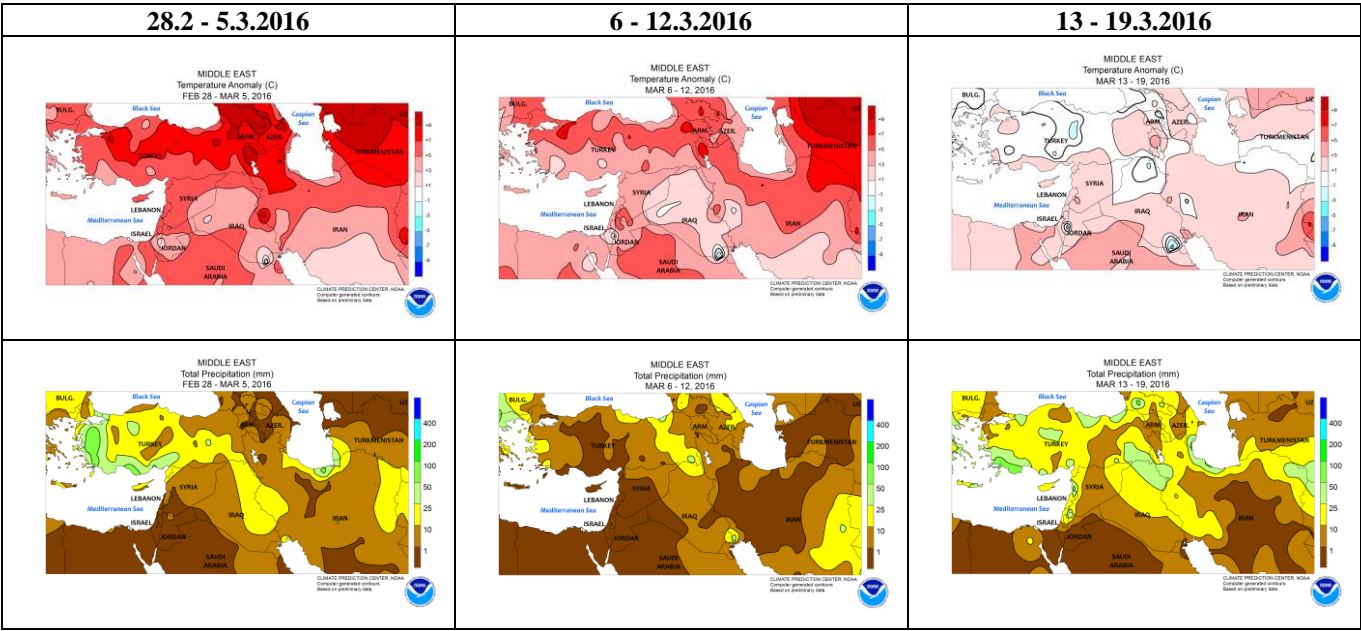


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

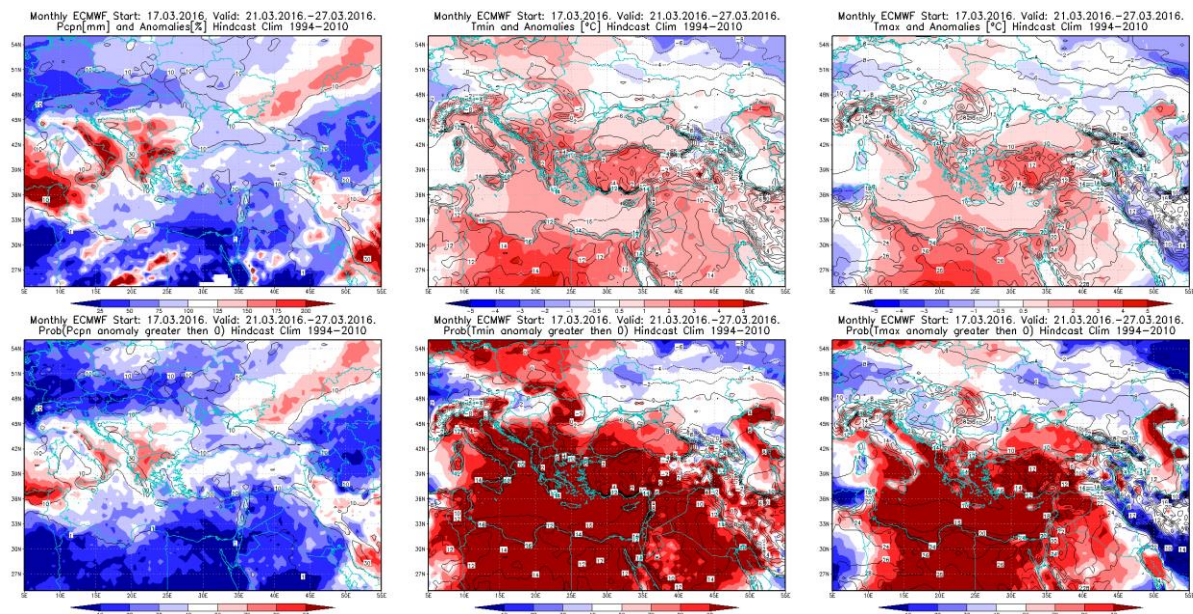


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 11 – 27.3.2016 period

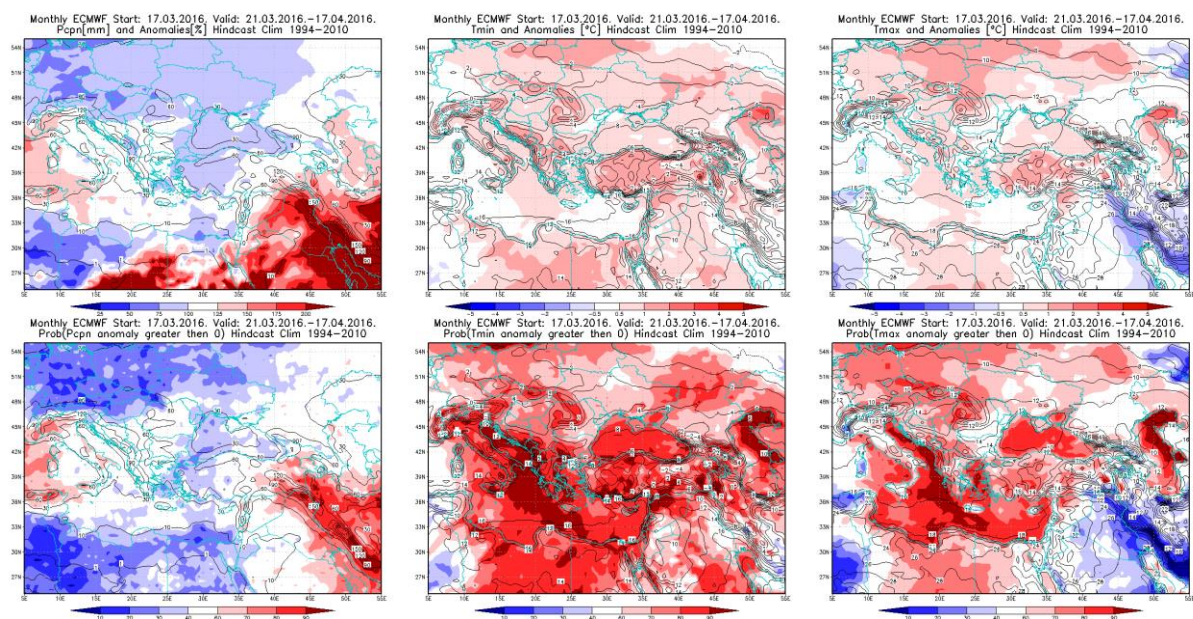


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 21.3 – 17.4.2016 period

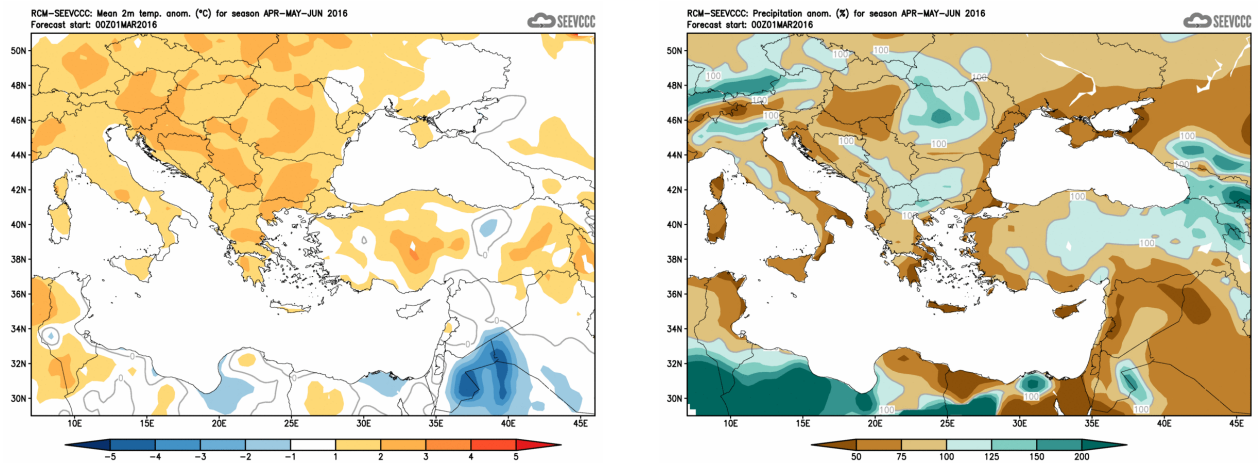


Figure 5. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook from RCM – SEEVCCC)

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/>)