

Climate Watch (Serial No.: 20150406 – 00)

Initial/Updated/Final

Topic: precipitation
Organization issuing
the statement: SEEVCCC

Issued/ Amended /
Cancelled 6-4-2015 12:00 P.M.

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Valid from – to: 6-4-2015 – 19-4-2015 Next amendment: 13-4-2015

Region of concern: Turkey, south Caucasus, coast of Black Sea

„From April 6th to 12th 2015, below normal mean weekly air temperature is forecast for most part of the SEE region with anomaly from -2°C up to -4°C. Probability for exceeding lower tercile is around 90%. Precipitation surplus is predicted for most part of Turkey, south Caucasus and along the coast of Black Sea with around 70% probability for exceeding upper tercile.“

Monitoring

In the period from March 29th to April 4th, 2015 below normal air temperature¹ with anomaly up to -3°C, was observed in central Balkans. Above normal air temperature, with anomaly up to +3°C was registered in southern and eastern Balkans, even up to +5°C in Turkey. Weekly precipitation sums, reaching 100 mm, were observed in central and southern Turkey, while in other parts of the SEE region they were below 50 mm.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (April 6th to 12th, 2015), ECMWF monthly forecast predicts below normal mean weekly air temperature in most of the SEE region with anomaly from -2°C up to -4°C. Probability for exceeding lower tercile is around 90%. Precipitation surplus is forecast for most part of Turkey, south Caucasus and along the coast of Black Sea with around 70% probability for exceeding upper tercile.

During the second week (April 13th to 19th, 2015), below normal mean weekly air temperature, with anomaly up to -2°C, is forecast for southern Balkans and Turkey, with up to 70% probability for exceeding lower tercile. Average precipitation is expected for most part of the SEE region.

In the period from April 6th to May 3rd, 2015, below normal mean weekly air temperature, with anomaly up to -2°C, is forecast for most part of the Balkans and western Turkey, with around 70% probability for exceeding lower tercile. Average monthly precipitation is expected for most of the region.

During the following three months (April, May and June) SEEVCCC seasonal forecast predicts above seasonal air temperature for the Balkans, Romania and parts of central and eastern Turkey. Precipitation surplus is predicted for central Romania, northeastern Turkey and south Caucasus, while deficit is expected over most part of the Balkans, Mediterranean Sea, Cyprus, eastern Romania, western and southern Turkey and most part of the Middle East.

Update

An updated statement will be issued on 13-4-2015

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

ANNEX

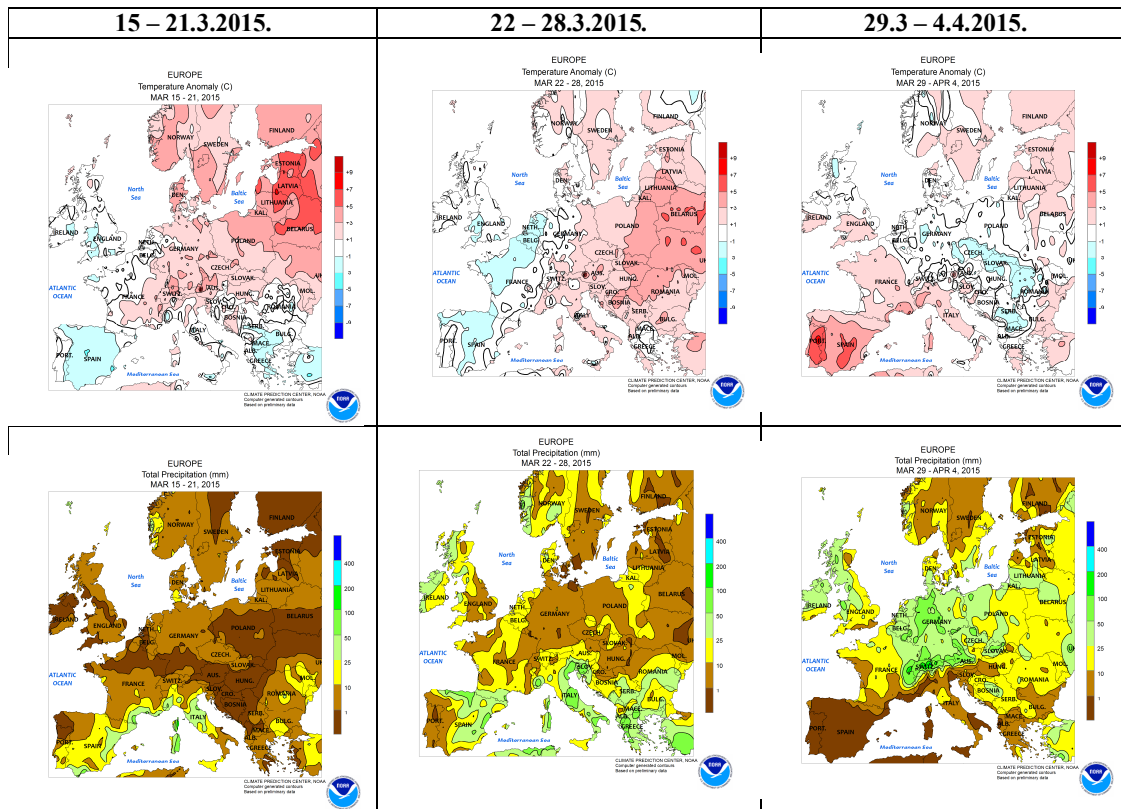


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

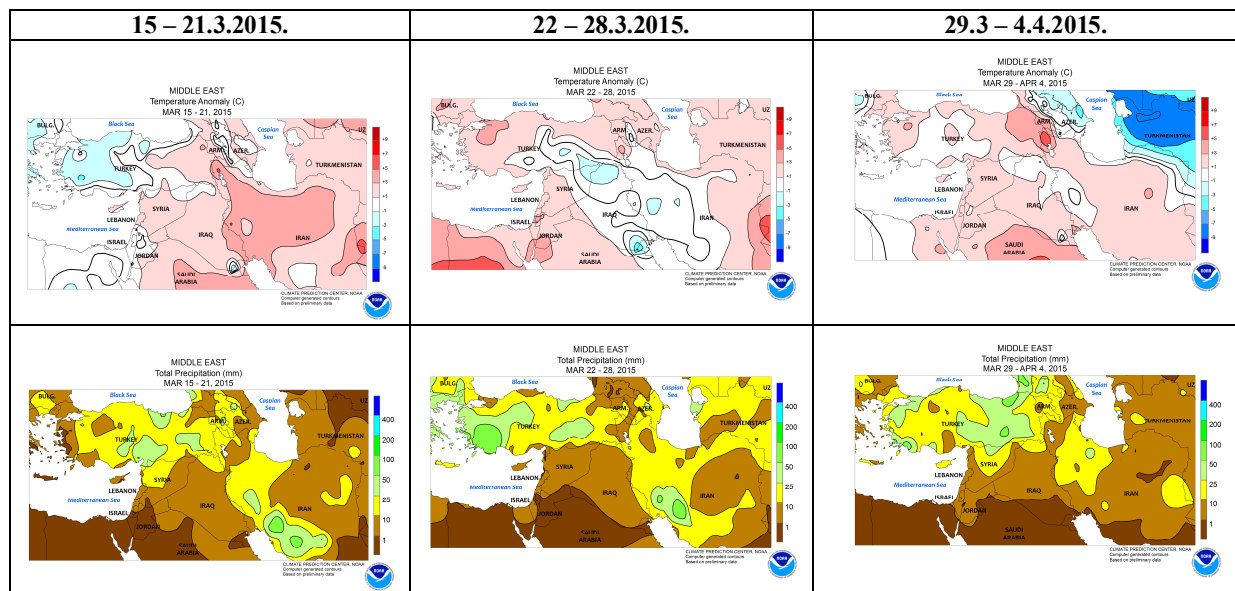


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

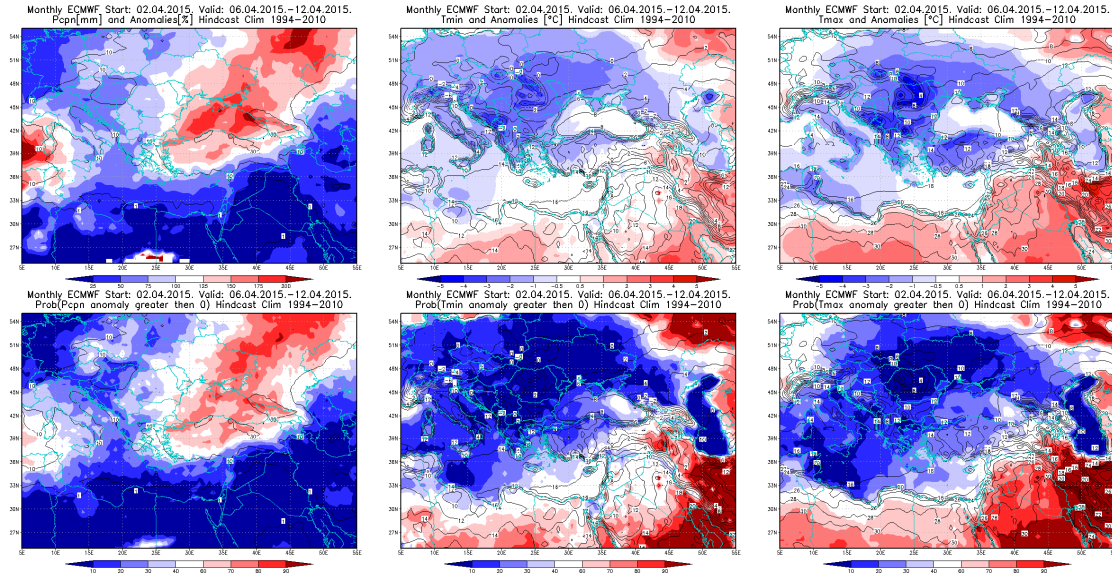


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 6.4 – 12.4.2015 period

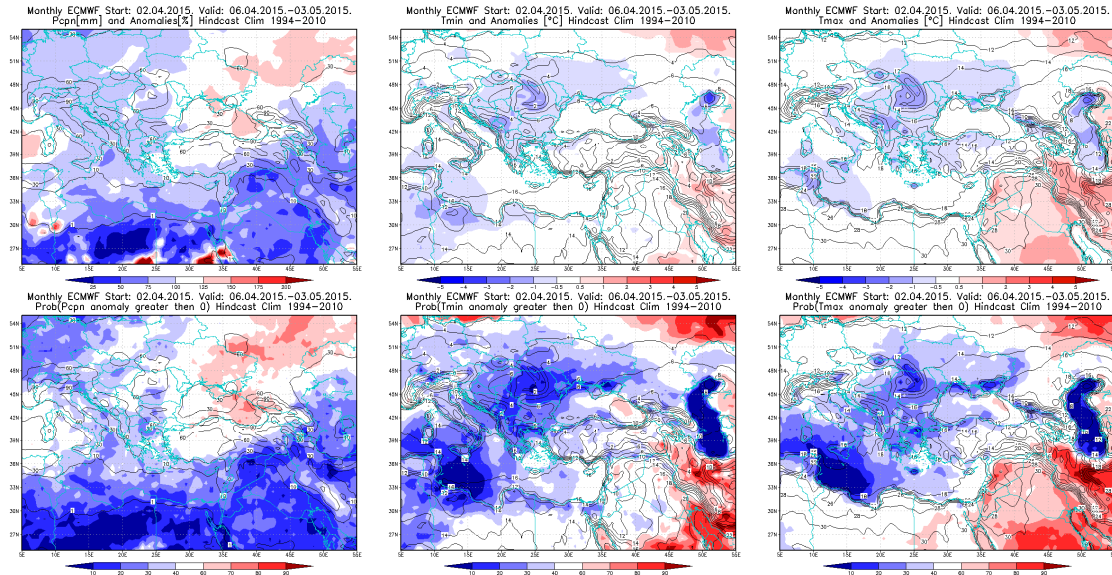


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 6.4 – 3.5.2015 period

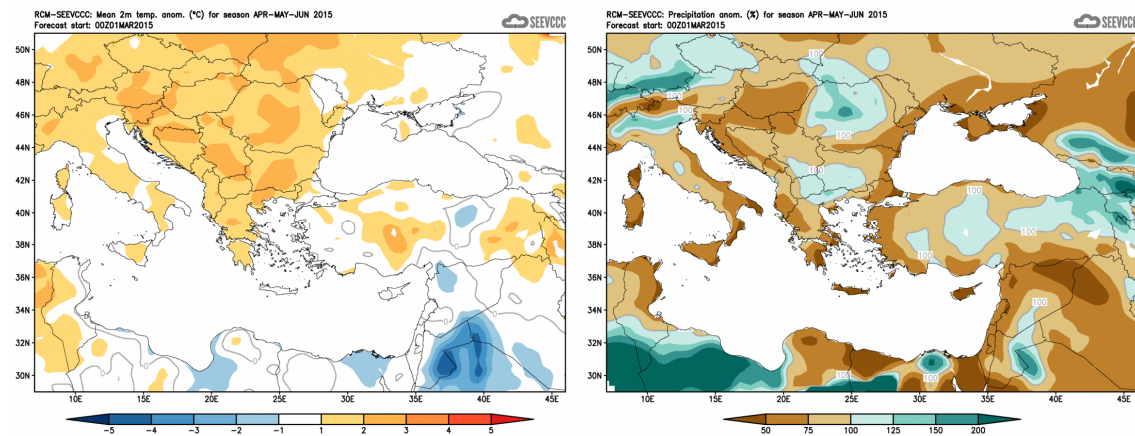


Figure 5. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook from RCM – SEEVCCC)

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/>)