

Climate Watch (Serial No.: 20150427 – 00)

Initial/Updated/Final

Topic: precipitation
Organization issuing
the statement: SEEVCCC

Issued/ Amended / 27-4-2015 12:00 P.M.
Cancelled

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Valid from – to: 27-4-2015 – 10-5-2015 Next amendment: 4-5-2015

Region of concern: SEE Region

„NO WARNING“

Monitoring

In the period from April 19th to 25th, 2015 below normal air temperature¹ with anomaly up to -5°C, was observed in Moldova, Romania, Bulgaria, northeastern Greece, Turkey and south Caucasus. Above normal air temperature with anomaly up to +3°C was registered in most of Croatia and Bosnia and Herzegovina. Weekly precipitation sums were in a range from 25 mm upto 200 mm in most of Turkey and south Caucasus.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (April 27th to May 3rd, 2015), ECMWF monthly forecast predicts below normal mean weekly air temperature over Balkans, with anomaly up to -4°C. Above normal mean weekly air temperature, with anomaly up to +2°C, is expected in southern Turkey. Probability for exceeding lower/upper tercile is around 80%. Precipitation surplus is forecast for western Balkans, Romania and Moldova. Probability for exceeding upper is around 80%.

During the second week (May 4th to 10th, 2015), above normal mean weekly air temperature, with anomaly up to +3°C, is forecast for Turkey, with around 60% probability for exceeding upper tercile. Average amount of weekly precipitation is expected in the SEE region.

In the period from April 27th to May 24th, 2015, below normal mean monthly air temperature, with anomaly up to -3°C, is expected in most part of western Balkans. Above normal mean monthly air temperature, with anomaly up to +3°C, is expected in southern Turkey. Probability for exceeding lower/upper tercile is around 60%. Average amount of monthly precipitation is expected in the SEE region.

During the following three months (May, June and July) SEEVCCC seasonal forecast predicts above normal seasonal air temperature for most part of the SEE region and below normal seasonal air temperature in northeast and southeast parts of Turkey. Precipitation surplus is predicted for central Romania, central Bulgaria, eastern Turkey and south Caucasus, while precipitation deficit is expected over most part of the Balkans, Mediterranean Sea, eastern Romania, western and southern Turkey and Cyprus.

Update

An updated statement will be issued on 4-5-2015

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

ANNEX

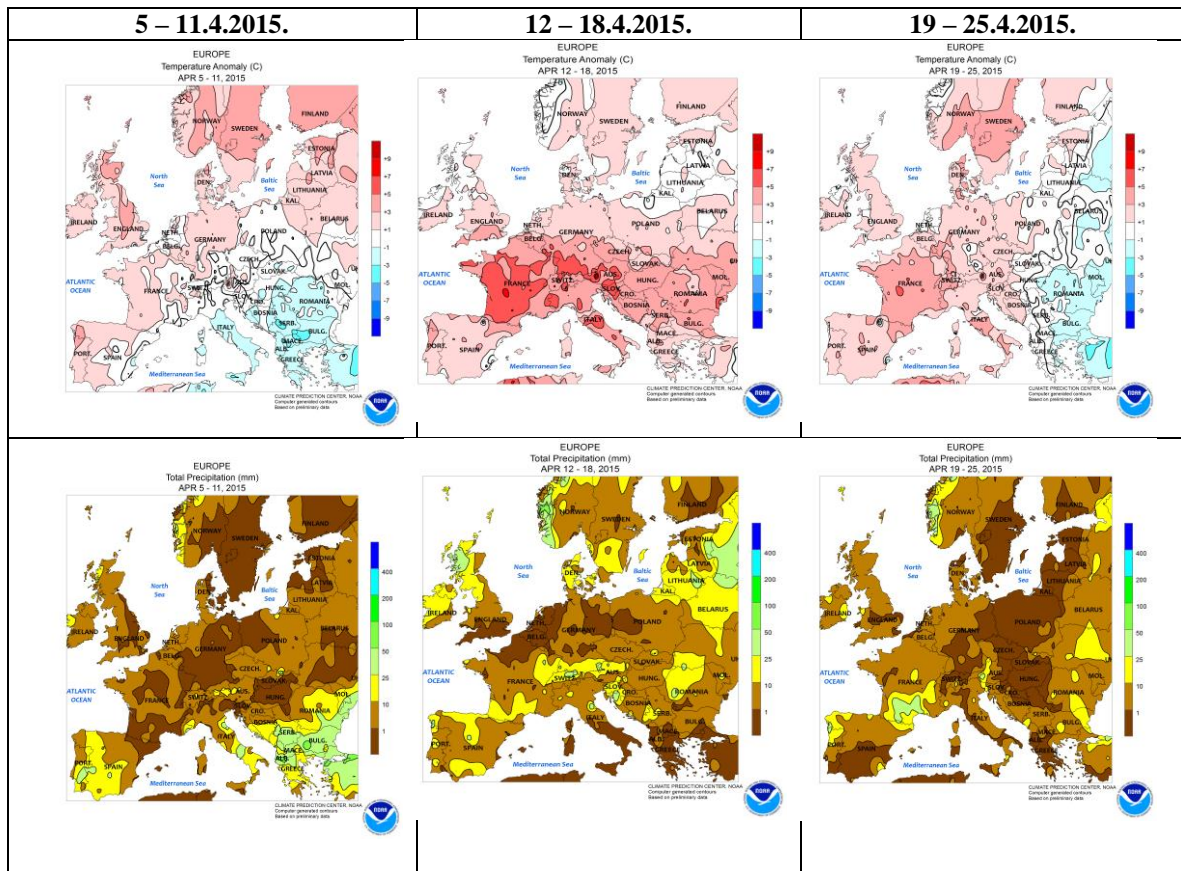


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

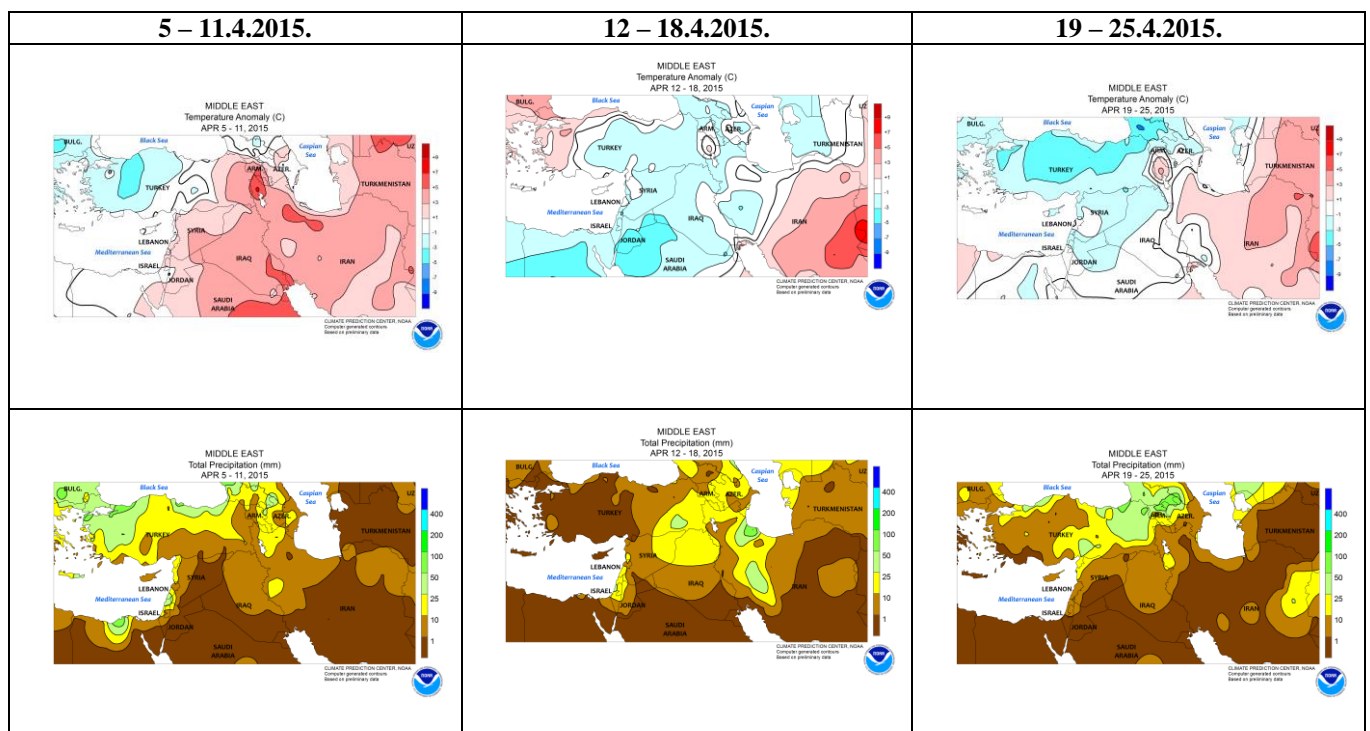


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

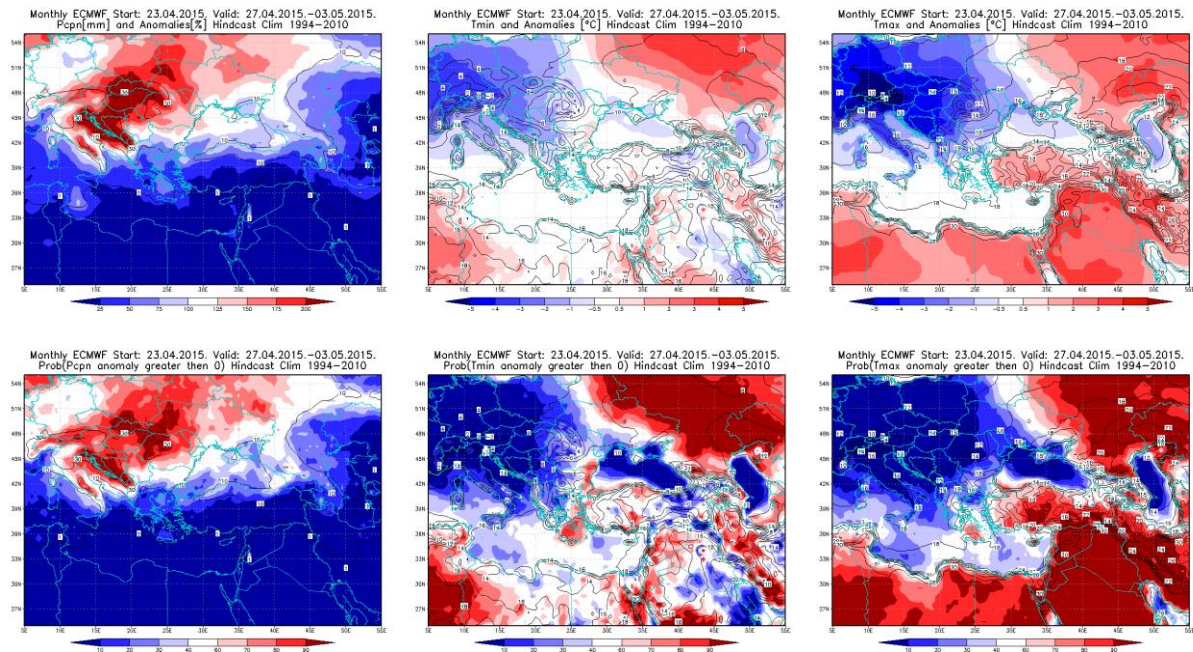


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 27.4 – 3.5.2015 period

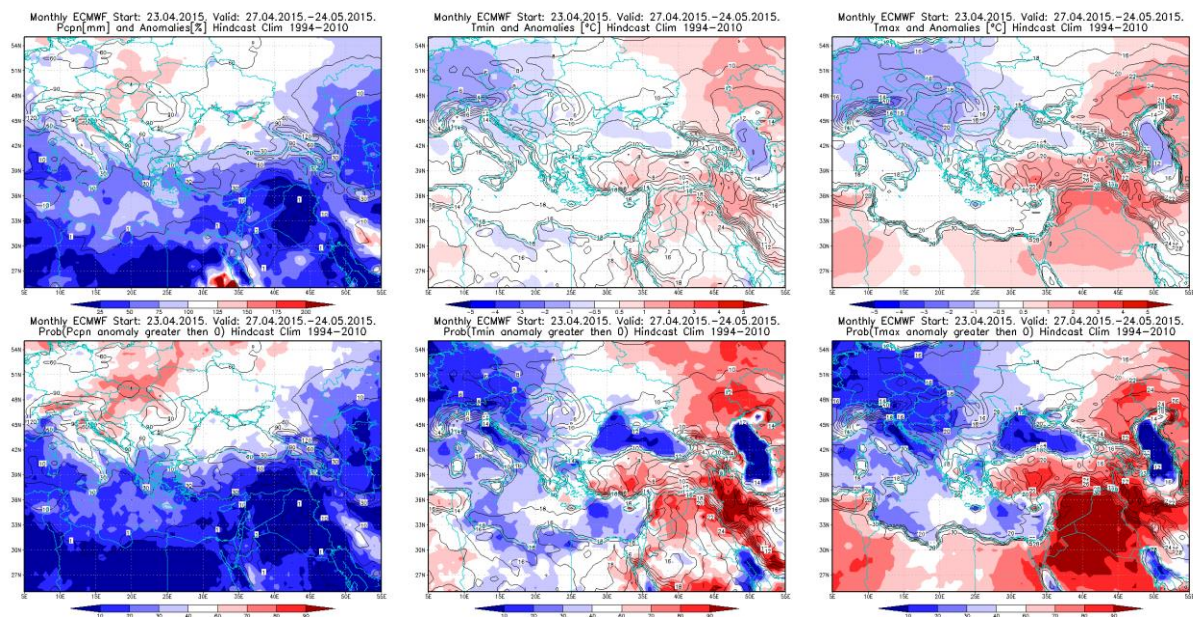


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 27.4 – 24.5.2015 period

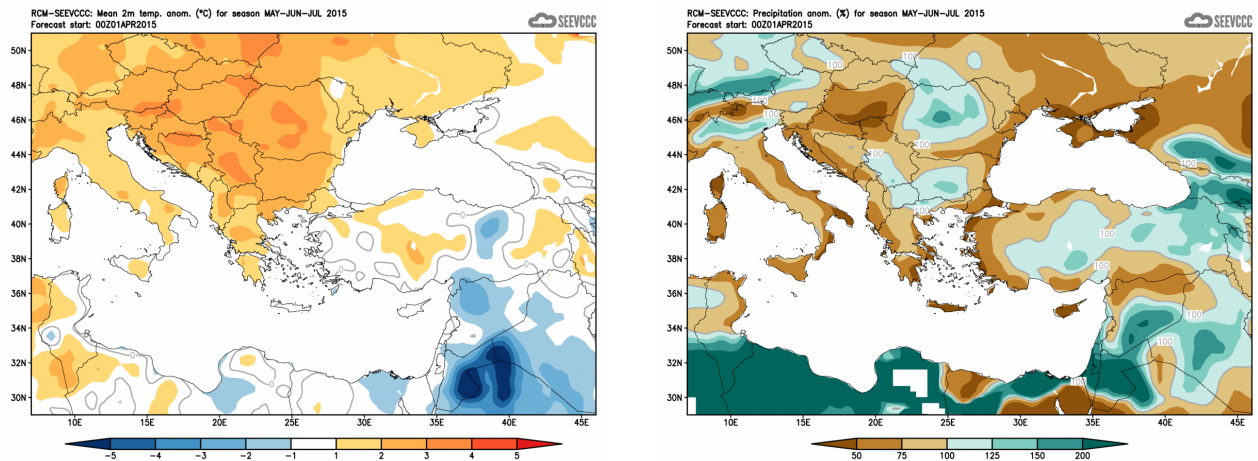


Figure 5. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook from RCM – SEEVCCC)

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/>)