

## Climate Watch (Serial No.: 20160509 – 00)

Initial/**Updated**/Final

Topic: **precipitation**

Organization issuing  
the statement: SEEVCCC

Issued/ Amended /  
Cancelled 9-5-2016 12:00 P.M.

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Valid from – to: 9-5-2016 – 22-5-2016 Next amendment: 16-5-2016

Region of concern: **SEE region**

**„In the period from May 9<sup>th</sup> to 15<sup>th</sup>, 2016, forecast predicts above normal mean weekly air temperature, with anomaly up to +3°C, in most part of Turkey, Aegean Sea and southern Greece. Probability for exceeding upper tercile is around 90%. Precipitation surplus is expected in northern, western and eastern part of the Balkans. Probability for exceeding upper tercile is around 80%.“**

### Monitoring

In the period from April 17<sup>th</sup> to 23<sup>rd</sup> 2016, below normal air temperature<sup>1</sup> was registered in the central and eastern Balkans, with anomaly up to -3°C. Above normal air temperature, with anomaly up to +3°C, was registered in southern Turkey and South Caucasus. Weekly precipitation sums were below 50 mm in most of the region whereas parts of Serbia, Bulgaria and Albania received up to 100 mm of rain.

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<sup>1</sup> Reference climatological period is the 1981-2010 period

## **Outlook**

Within the first week (May 9<sup>th</sup> to 15<sup>th</sup>, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +3°C, in most part of Turkey, Aegean Sea and southern Greece. Probability for exceeding upper tercile is around 90%. Precipitation surplus is expected in northern, western and eastern part of the Balkans. Probability for exceeding upper tercile is around 80%.

During the second week (May 16<sup>th</sup> to 22<sup>nd</sup>, 2016), below normal mean weekly air temperature is forecasted in most of Romania with anomaly up to -2°C. Above normal mean weekly air temperature, with anomaly up to +3°C, is expected in central and southern Turkey. Probability for exceeding lower/upper tercile is below 70%. Average precipitation is expected in most part of the Balkans and Turkey.

In the period from May 9<sup>th</sup> to June 5<sup>th</sup> 2016, above normal mean monthly air temperature is forecasted for most of Turkey and Aegean Sea with anomaly up to +3°C. Probability for exceeding upper tercile is around 80%. Precipitation surplus is forecasted along the Adriatic, in northeastern Serbia and western Romania with around 70% probability for exceeding upper tercile.

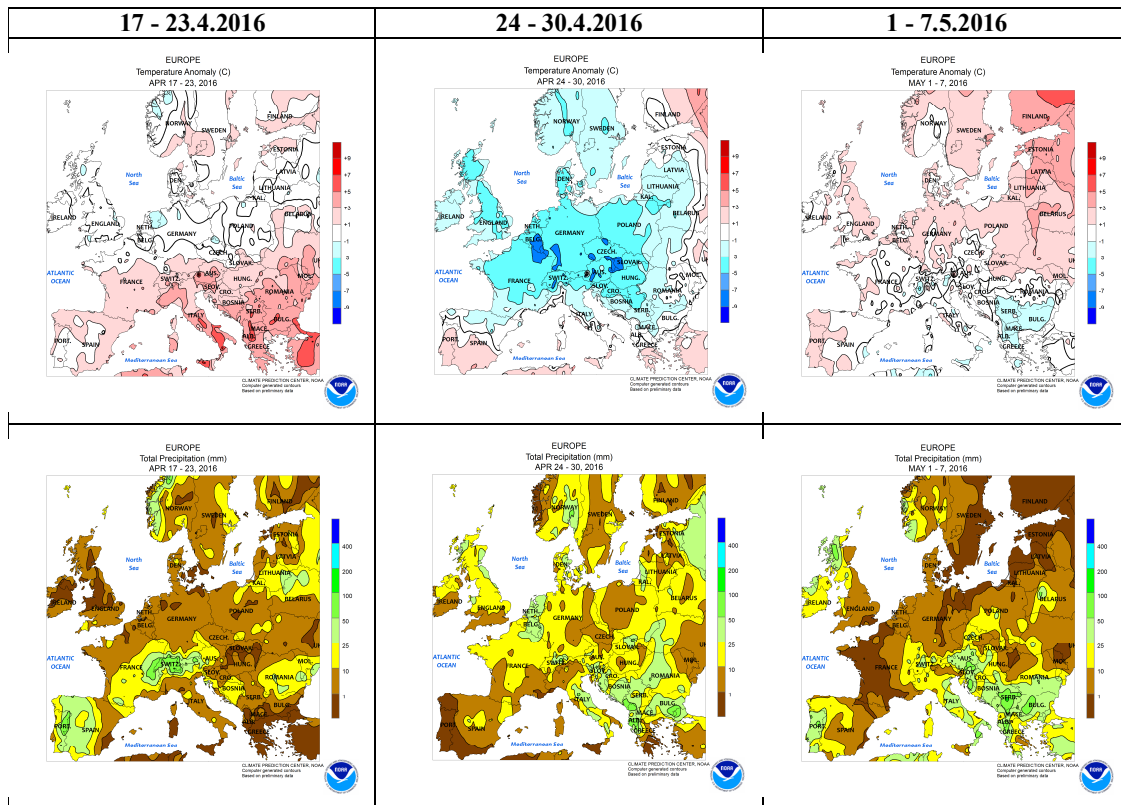
During the following three months (May, June and July) SEEVCCC seasonal forecast predicts above normal seasonal air temperature over the Balkans, central and eastern Turkey. Precipitation surplus is predicted in central Romania, northeastern Turkey, as well as south Caucasus region. Precipitation deficit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

## **Update**

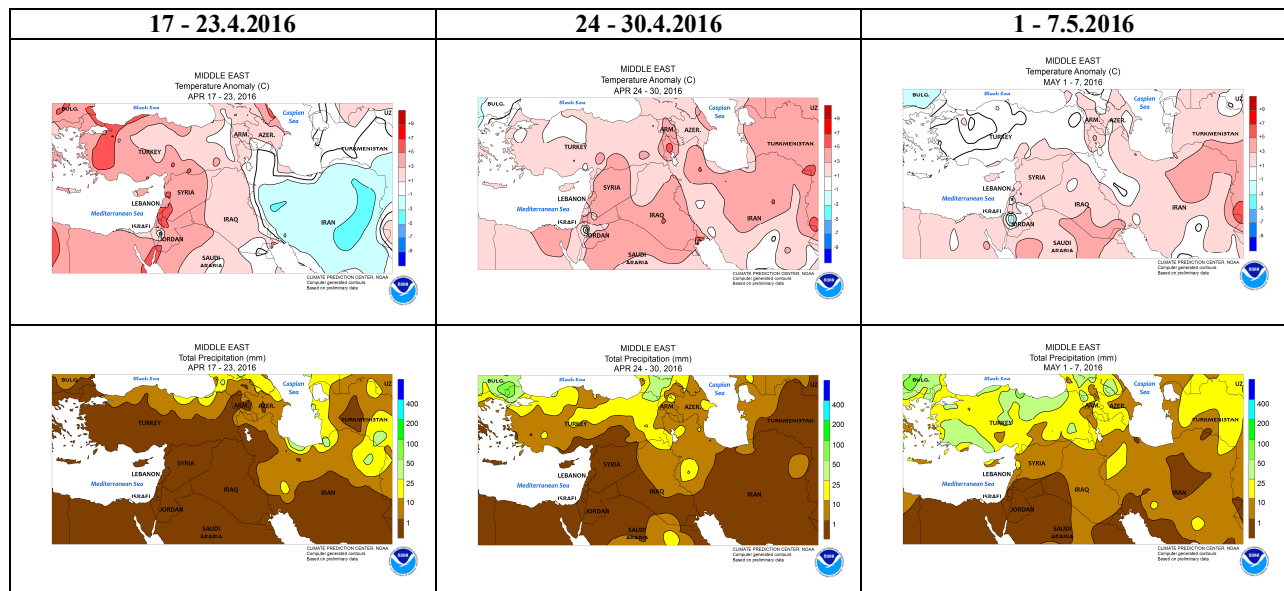
An updated statement will be issued on 16-5-2016

For further information please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

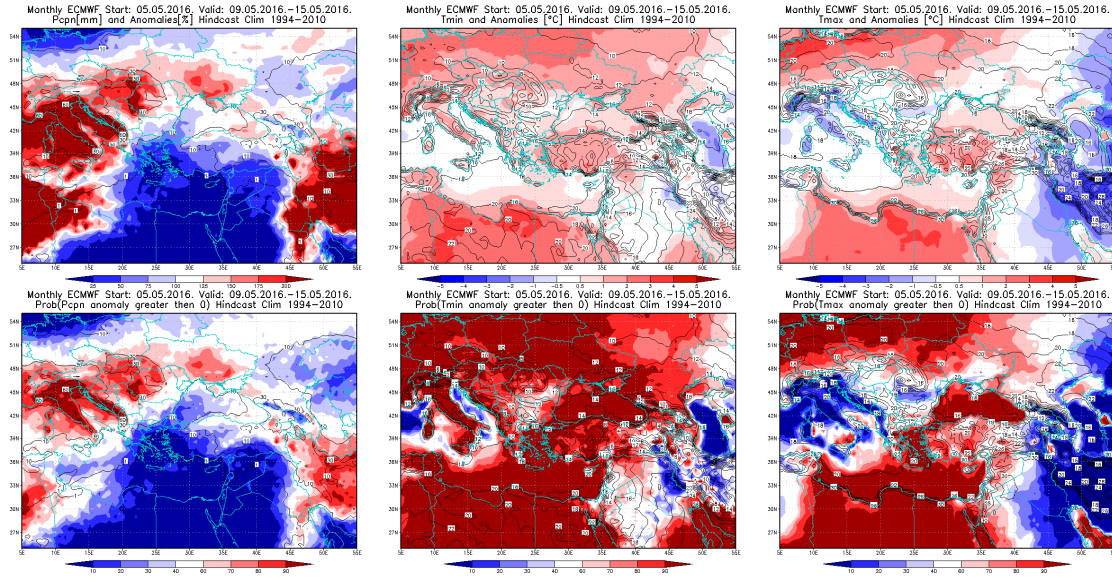
## ANNEX



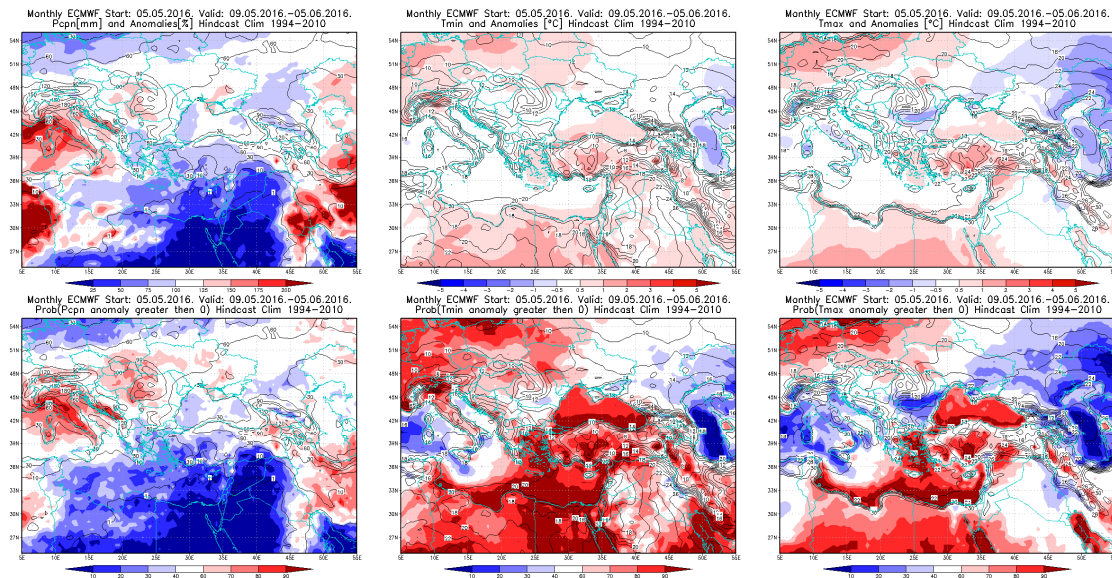
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



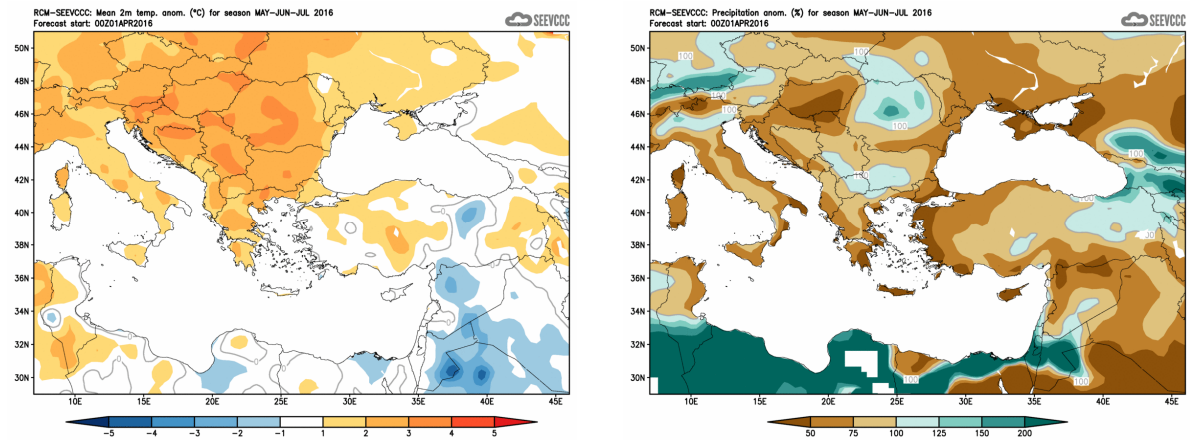
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 9.5 – 15.5.2016 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 9.5 – 5.6.2016 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](http://www.hidmet.gov.rs))
- South East European Virtual Climate Change Center ([www.seevccc.rs](http://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/>)