

## Climate Watch (Serial No.: 20160411 – 00)

Initial/Updated/Final

Topic: **air temperature**

Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled 11-4-2016 12:00 P.M.

Contact: E-mail: [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)  
Phone: +381112066925  
Fax: +381112066929

Valid from – to: 11-4-2016 – 24-4-2016 Next amendment: 18-4-2016

Region of concern: **The Balkans and Turkey**

**„In the period from April 11<sup>th</sup> to 17<sup>th</sup>, forecast predicts above normal mean weekly air temperature over the Balkans and most of Turkey, with anomaly ranging from +2°C up to +6°C. Probability for exceeding upper tercile is around 90%.“**

### Monitoring

In the period from April 3<sup>rd</sup> to 9<sup>th</sup> 2016, above normal air temperature<sup>1</sup> was registered in the SEE region, apart from south Caucasus, with anomaly up to +9°C. Weekly precipitation sums in most of the region were below 10 mm, whereas parts of Adriatic coast and some parts of south Caucasus received up to 25 mm of rain.

---

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

## **Outlook**

Within the first week (April 11<sup>th</sup> to 17<sup>th</sup>, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature over the Balkans and most of Turkey, with anomaly ranging from +2°C up to +6°C. Probability for exceeding upper tercile is around 90%. Precipitation surplus is expected over Cyprus, Middle East and most parts of Turkey and south Caucasus. Precipitation deficit is predicted over most part of the Balkans. Probability for exceeding upper/lower tercile is up to 90%.

During the second week (April 18<sup>th</sup> to 24<sup>th</sup>, 2016), above normal mean weekly air temperature is forecasted, with anomaly ranging from +2°C up to +4°C, over the entire region, with around 90% probability for exceeding upper tercile. Precipitation deficit is forecasted for eastern and southern parts of the Balkans and western and central Turkey, with low probability for exceeding lower tercile, while elsewhere average precipitation is predicted.

In the period from April 11<sup>th</sup> to May 8<sup>th</sup> 2016, above normal mean monthly air temperature is expected in the entire region, with anomaly up to +3°C and probability of around 90% for exceeding upper tercile. Precipitation surplus is forecasted for southeastern part of Turkey and most part of Middle East with probability for exceeding upper tercile around 80%. Precipitation deficit is expected over southern Balkans and western Turkey with around 70% probability for exceeding lower tercile.

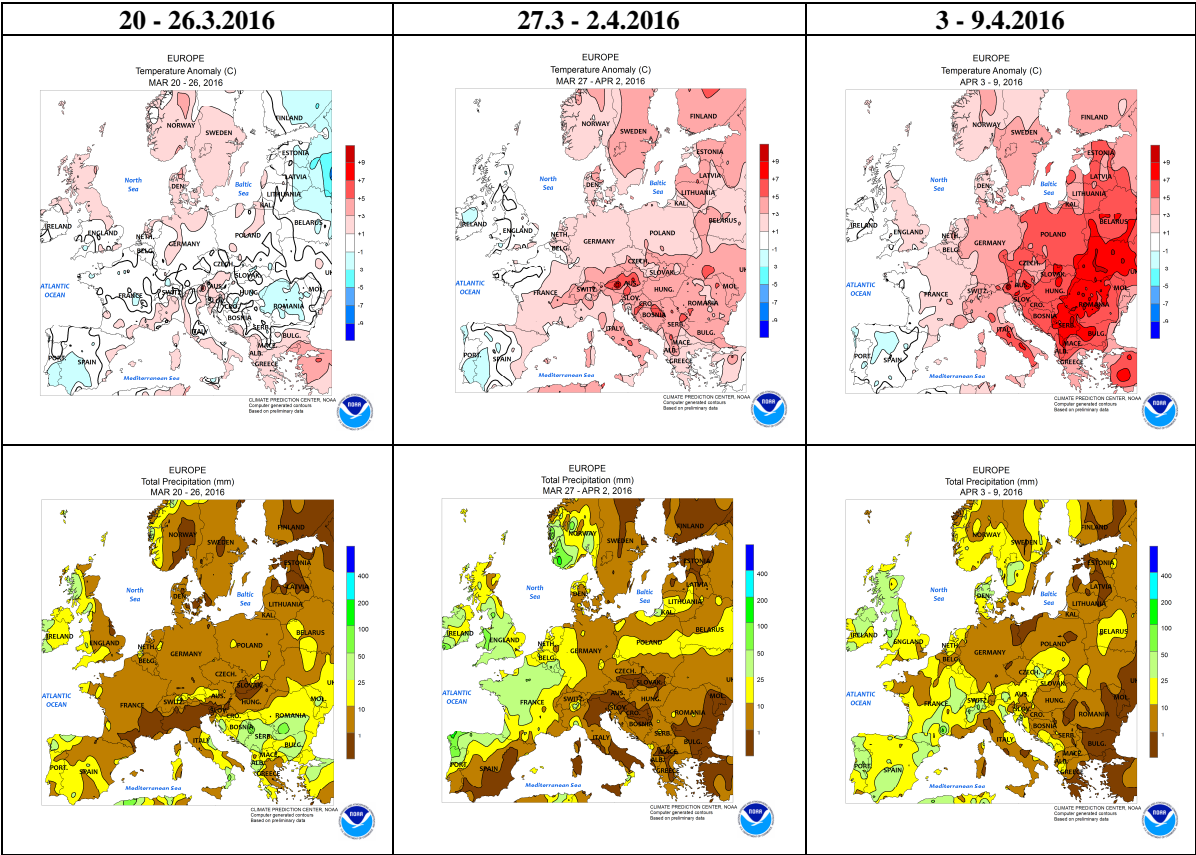
During the following three months (April, May and June) SEEVCCC seasonal forecast predicts above normal seasonal air temperature over the Balkans, central and eastern Turkey. Precipitation surplus is predicted in Carpathian Mountains, central and northeastern Turkey, as well as south Caucasus region.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

## **Update**

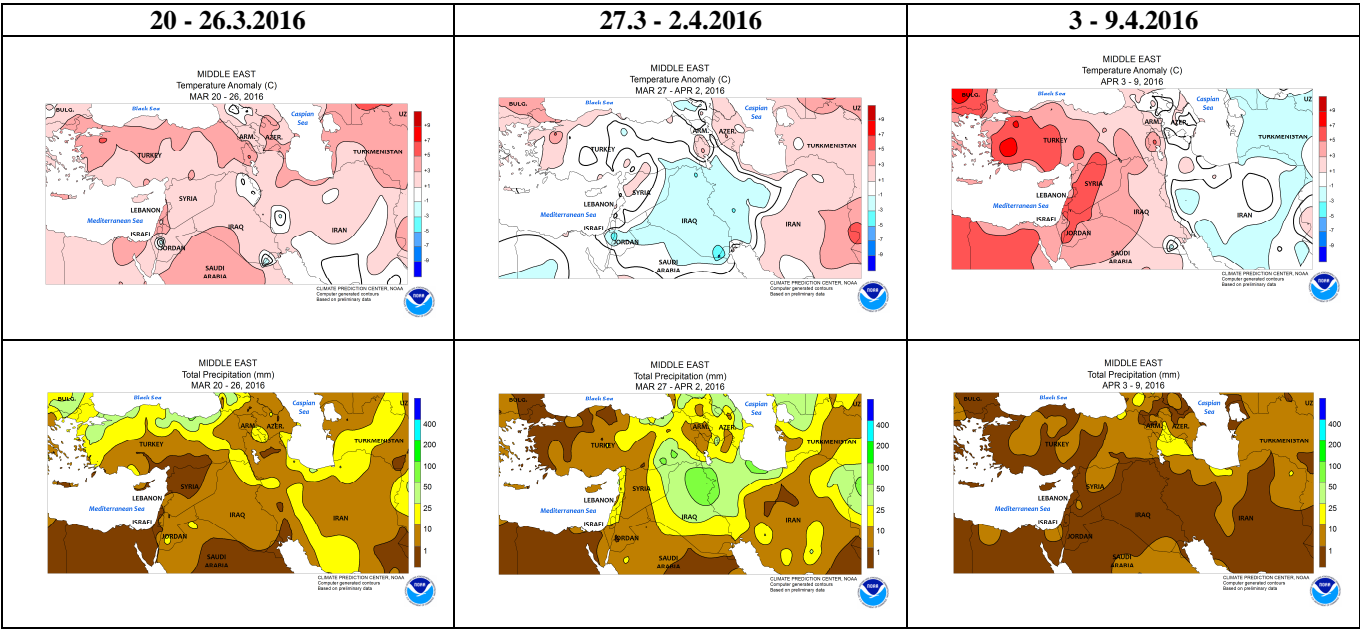
An updated statement will be issued on 18-4-2016

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

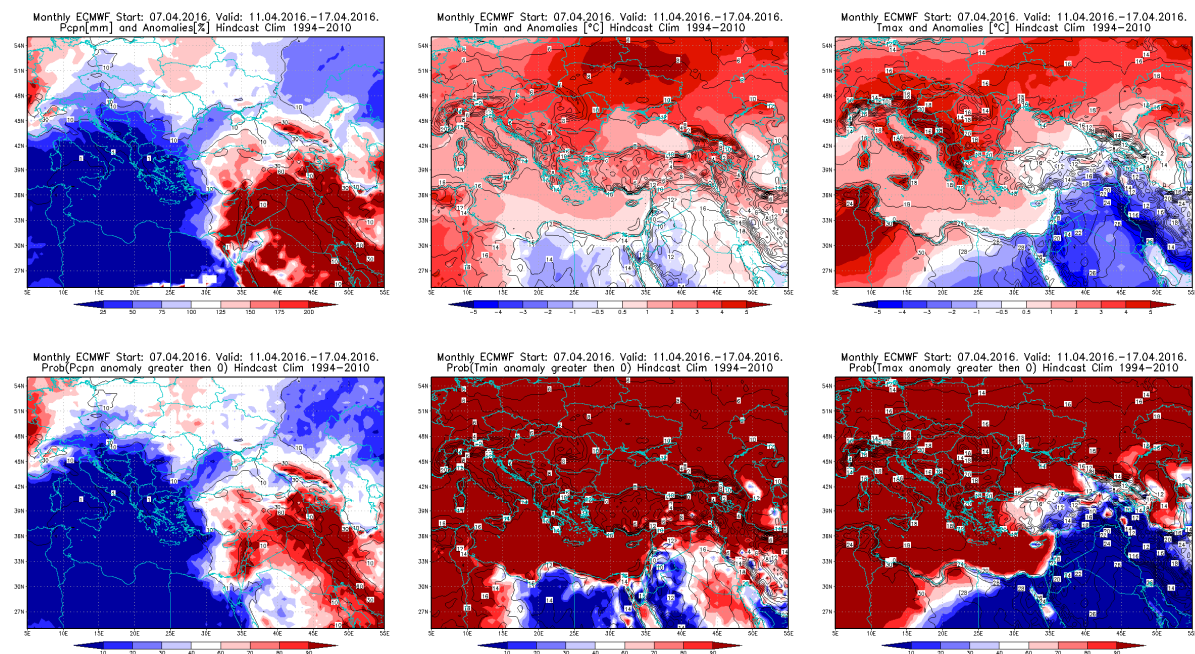
ANNEX



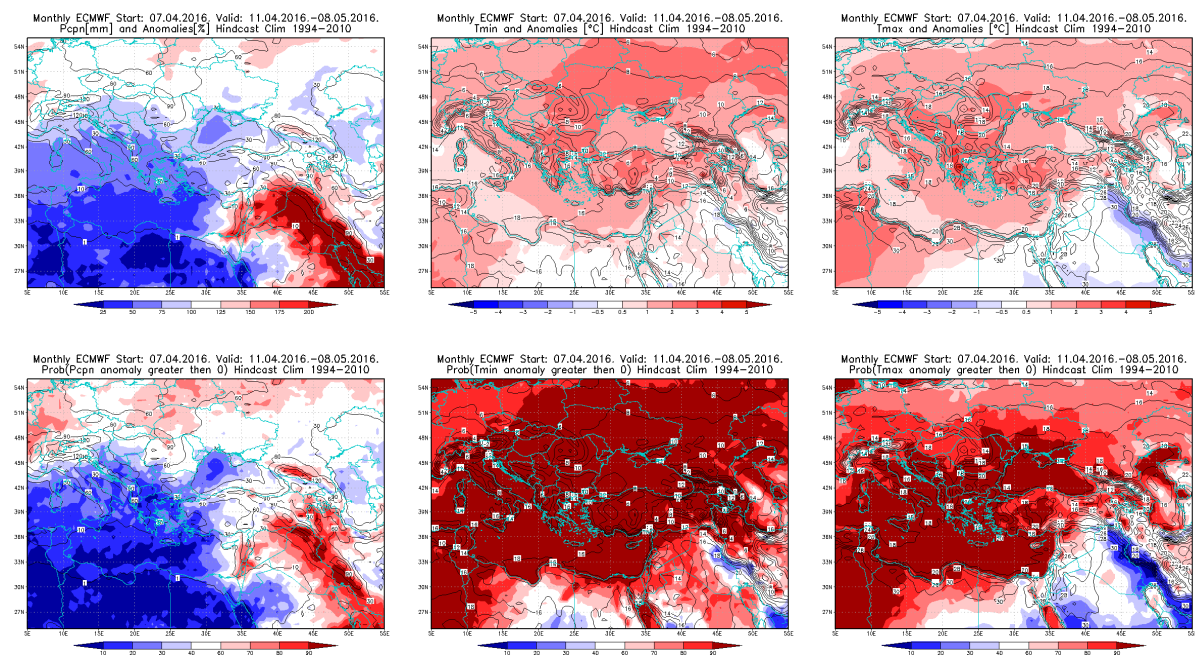
**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



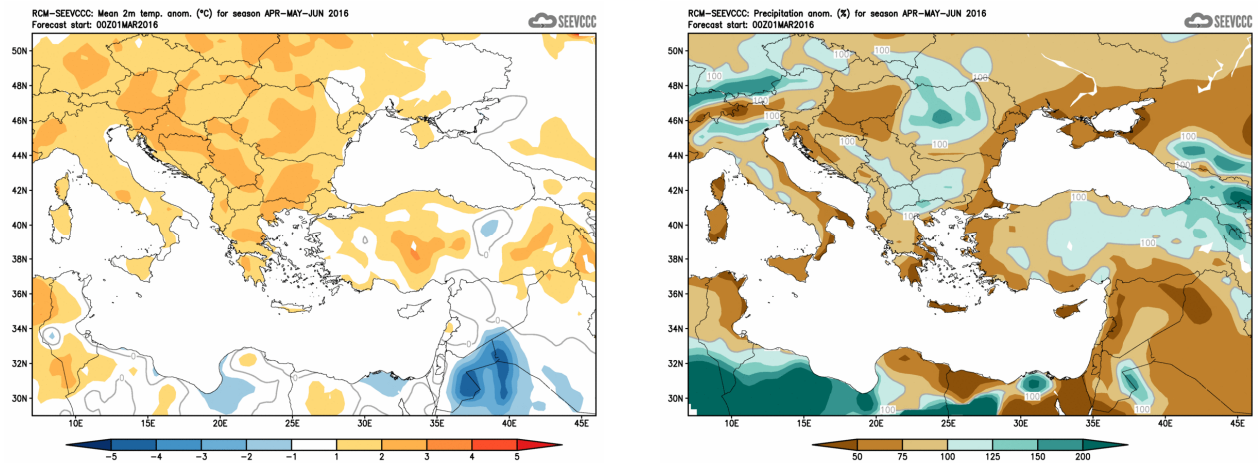
**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 11.4 – 17.4.2016 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 11.4 – 8.5.2016 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](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/>)