

## Climate Watch (Serial No.: 20140217 – 00)

Initial/Updated/Final

Topic: Warning: **0** No particular awareness

Organization issuing the statement: SEEVCCC 1 Potentially dangerous  
2 Dangerous

Issued/ Amended / Cancelled 17-2-2014 12:00 P.M. 3 Very dangerous

Contact: E-mail: [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)  
Phone: +38112066925  
Fax: +38112066929

Valid from – to: 17-2 – 2-3-2014 Next amendment: 24-2-2014

Region of concern: South-Eastern Europe

**„During next month, above normal mean weekly temperature with anomaly from +1°C up to +3°C is forecast for entire SEE region. The probability for exceeding upper tercile is up to 70%. Normal to slightly dry conditions are expected across the entire region. Probability for exceeding lower tercile is around 60%.“**

### Monitoring

In the period from February 9<sup>th</sup> to 15<sup>th</sup>, 2014 above normal temperature 1981-2010<sup>1</sup>, with anomaly from +3°C even up to +7°C, was recorded in the entire SEE region. Weekly precipitation sums, ranging from 10 mm up to 100 mm, were recorded in most parts of Western Balkans and in parts of southwestern Turkey.

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

## **Outlook**

Within the first week (February 17<sup>th</sup> to 23<sup>rd</sup>, 2014), ECMWF monthly forecast predicts above normal mean weekly temperature, with anomaly from +3° C even up to +5° C. The probability for exceeding upper tercile is up to 90%. Weekly precipitation deficit is expected in most parts of SEE region, whereas precipitation surplus is forecast in western Croatia. Probability for exceeding lower/upper tercile is up to 70%.

During the second week (February 24<sup>th</sup> to March 2<sup>nd</sup>, 2014), above normal mean weekly temperature, with anomaly from +1°C up to +3°C is forecast for the most of SEE region. The probability for exceeding upper tercile is up to 80%. Precipitation deficit is expected in most of the region with probability for exceeding lower tercile of around 60%.

In the period from February 17<sup>th</sup> to March 16<sup>th</sup> 2014, above normal mean weekly temperature, with anomaly from +1°C up to +3°C is forecast for entire SEE region. The probability for exceeding upper tercile is up to 70%. Normal to slightly dry conditions are expected across the entire region. Probability for exceeding lower tercile is around 60%.

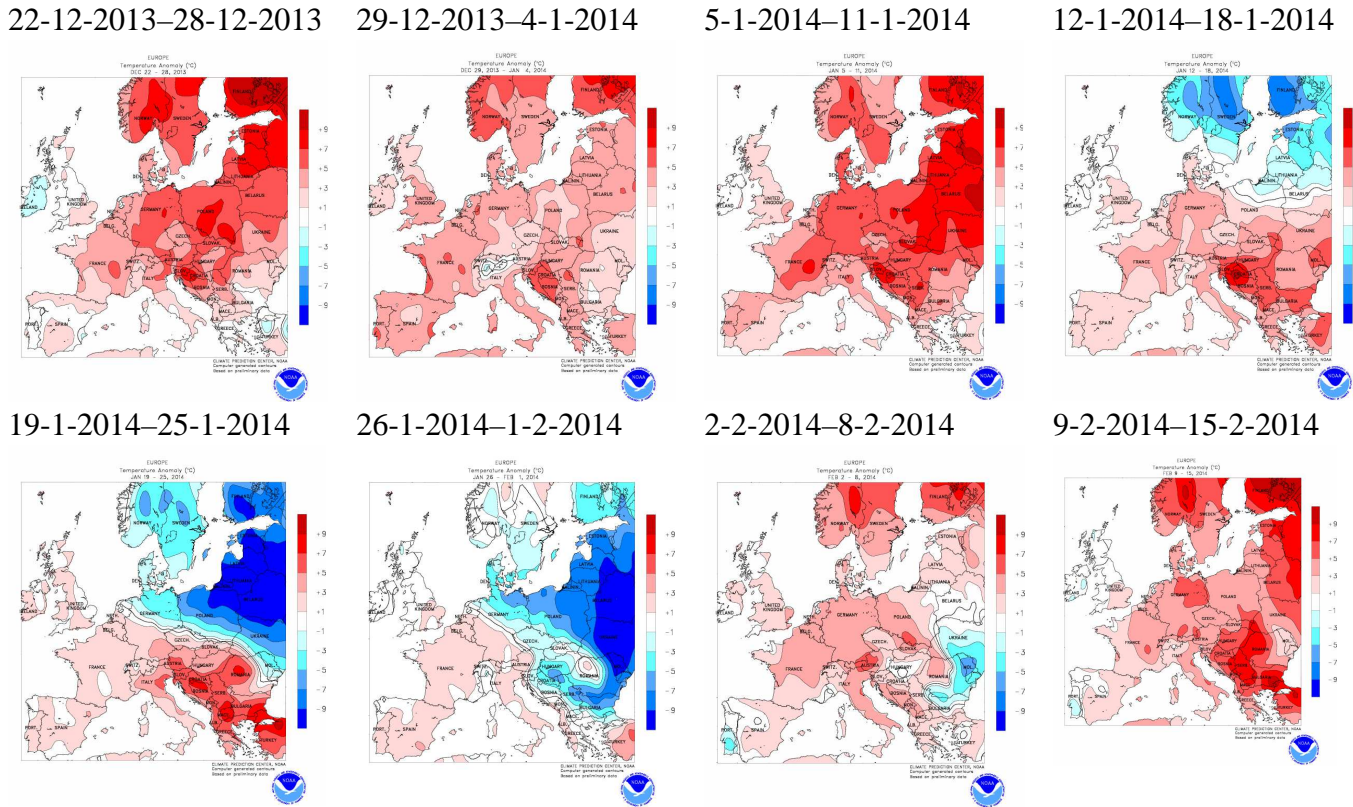
During the following three months (February, March and April) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans and part of central, northernmost, southernmost and east of Turkey and most of south Caucasus. Precipitation deficit is expected in southern Croatia, eastern Bosnia and Herzegovina, northern Montenegro, southeastern Albania, central and southern Greece and southern Turkey. Precipitation surplus is expected in southern Montenegro, western Albania, northwestern and central Romania, eastern FYR of Macedonia, part of north Greece, in northern and eastern Turkey and south Caucasus.

## **Update**

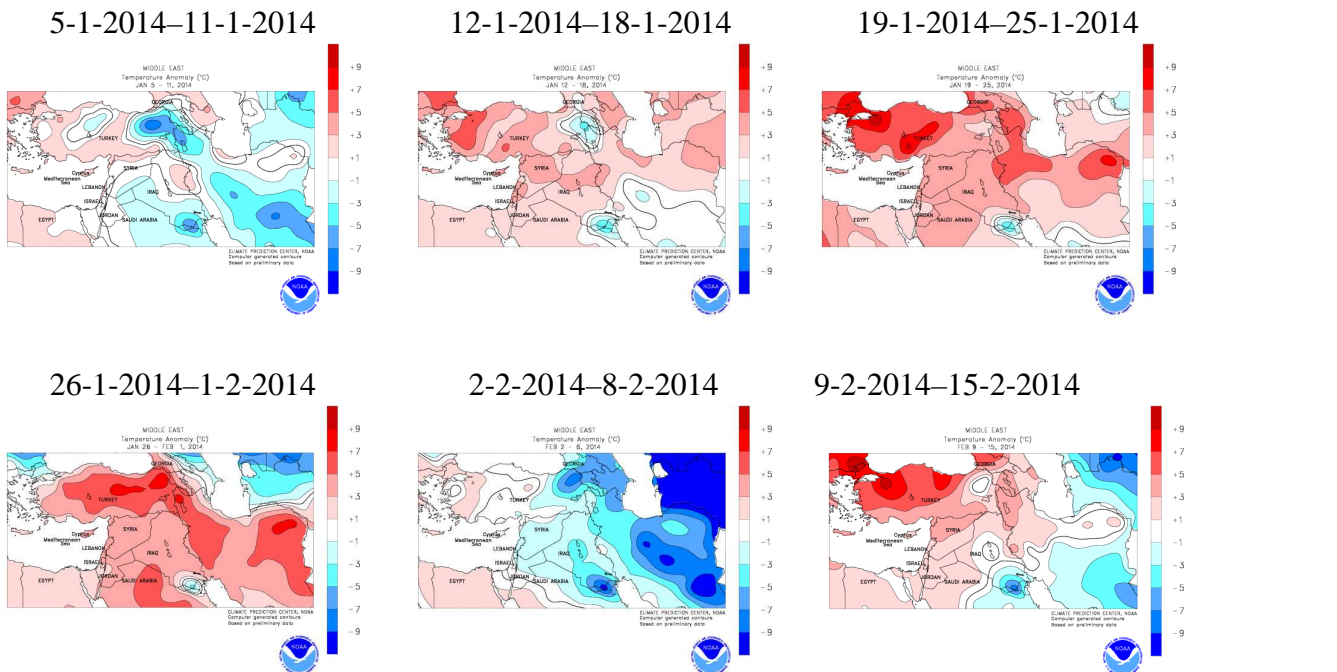
An updated statement will be issued on 24-02-2014.

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

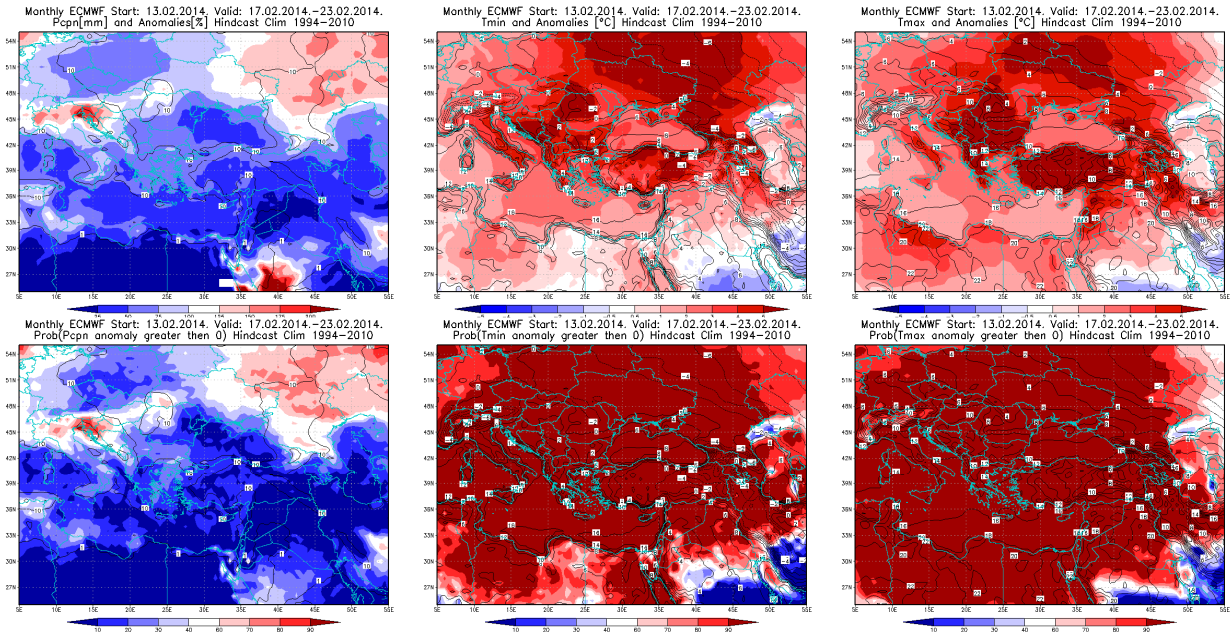
# ANNEX



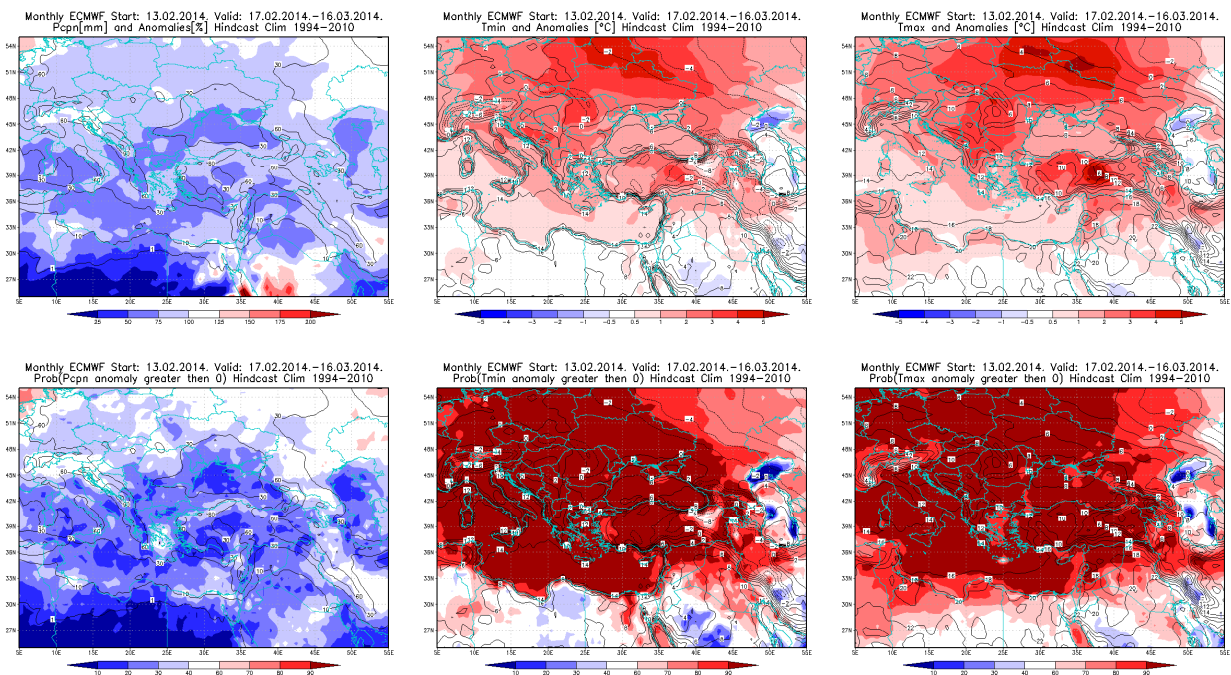
**Figure 1.** Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)



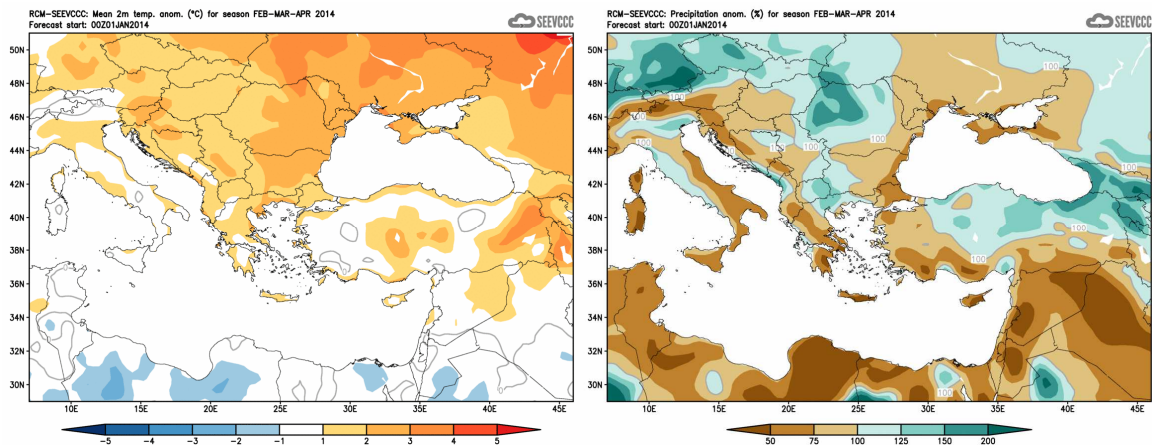
**Figure 2.** Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)



**Figure3.** 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 17.2 – 23.2.2014. period



**Figure4.** 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 17.2 – 16.3.2014. period



**Figure5.** Mean seasonal temperature and precipitation anomaly for the season FMA (seasonal outlook for 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/> )