

## Climate Watch (Serial No.: 20140519 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
<u>Issued/ Amended / Cancelled</u>	19-5-2014 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929			
Valid from – to:	19-5 – 1-6-2014	Next amendment:	26-5-2014	
Region of concern: South-Eastern Europe				

**„During the second week (May 26<sup>th</sup> to June 1<sup>st</sup>, 2014), above normal mean weekly air temperature, with anomaly up to +3°C is forecast for Aegean Sea, Turkey, and south Caucasus, with around 80% probability for exceeding the upper tercile. Precipitation surplus is expected in some parts of central Balkans and Panonian plain. Probability for exceeding the upper tercile is around 80%.“**

### Monitoring

In the period from May 11<sup>th</sup> to May 17<sup>th</sup>, 2014 below normal temperature<sup>1</sup>, with anomaly up to -5°C was registered in western and central Balkans. Above normal temperature was registered in most of Turkey and especially south Caucasus, where anomaly was up to +9°C in eastern parts of the region. Very heavy weekly precipitation sums up to 300 mm were registered in Serbia, Croatia, Bosnia and Herzegovina, while in rest of the SEE region below 25 mm of precipitation was observed.

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

## **Outlook**

Within the first week (May 19<sup>th</sup> to 25<sup>th</sup>, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +4°C in eastern parts of south Caucasus. Probability for exceeding lower/upper tercile is up to 90%. Precipitation deficit is expected over western and central Balkans. Probability for exceeding lower tercile is around 80%.

During the second week (May 26<sup>th</sup> to June 1<sup>st</sup>, 2014), above normal mean weekly air temperature, with anomaly up to +3°C is forecast for Aegean Sea, Turkey, and south Caucasus, with around 80% probability for exceeding the upper tercile. Precipitation surplus is expected in some parts of central Balkans and Panonian plain. Probability for exceeding the upper tercile is around 80%.

In the period from May 19<sup>th</sup> to June 15<sup>th</sup> 2014, above normal mean monthly air temperature, with anomaly around +3°C is forecast for central parts of Turkey and south Caucasus. Probability for exceeding upper tercile is around 80%. Precipitation surplus is expected in some parts of eastern Balkans, northern Turkey and south Caucasus. Probability for exceeding the upper tercile is around 60%.

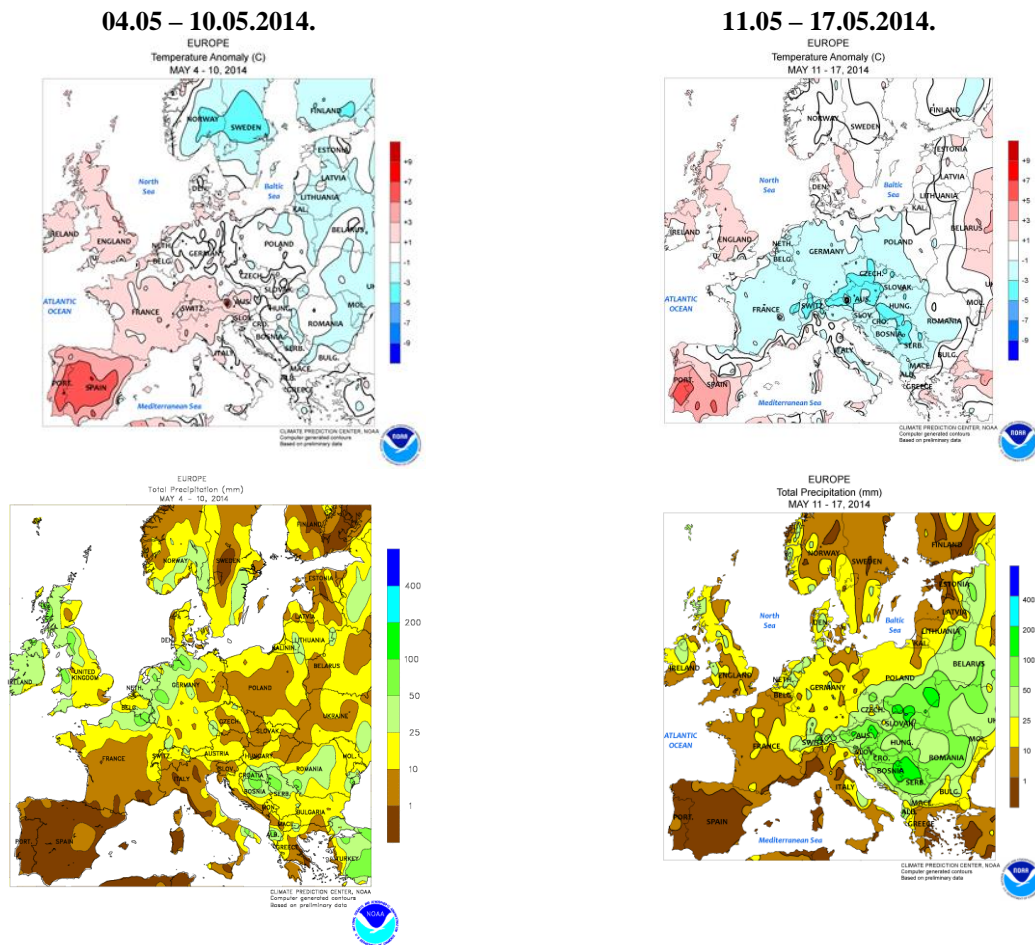
During the following three months (June, July and August) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans. Precipitation deficit is expected in parts of northern and western Balkans, costal parts of Ionian, Aegean, eastern Mediterranean and Black Sea. Precipitation surplus is expected over the Carpathians, Rhodope Mountains, in central, eastern and northeastern Turkey as well as in south Caucasus.

## **Update**

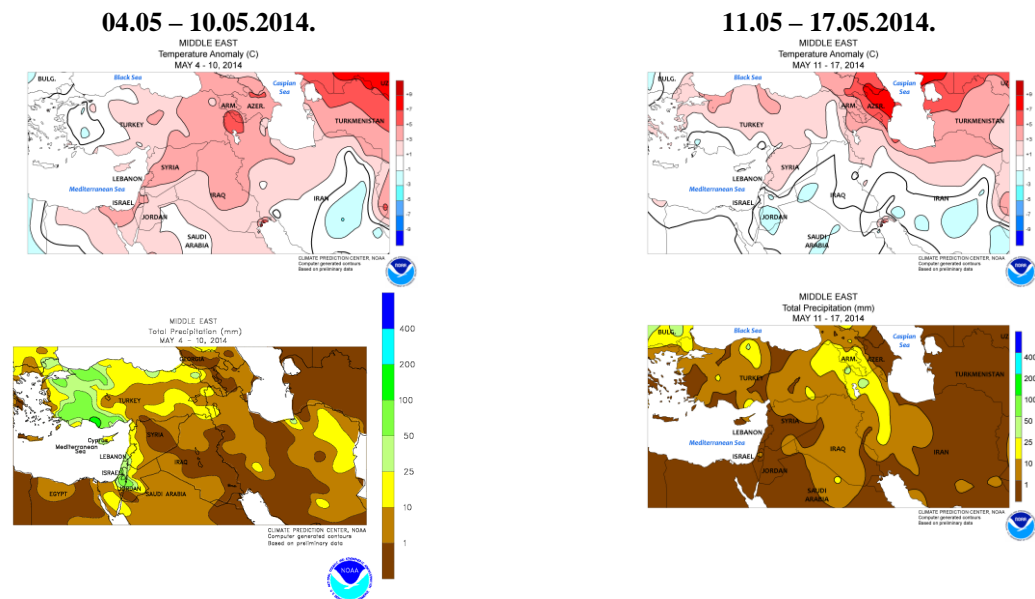
An updated statement will be issued on 26-05-2014.

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

## ANNEX

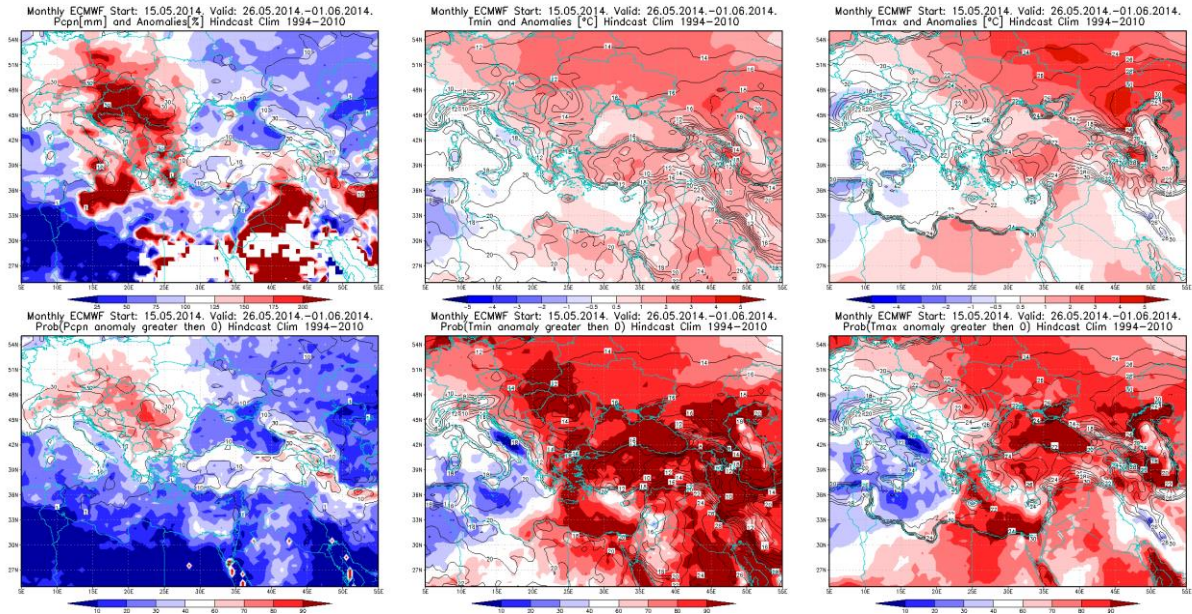


**Figure1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

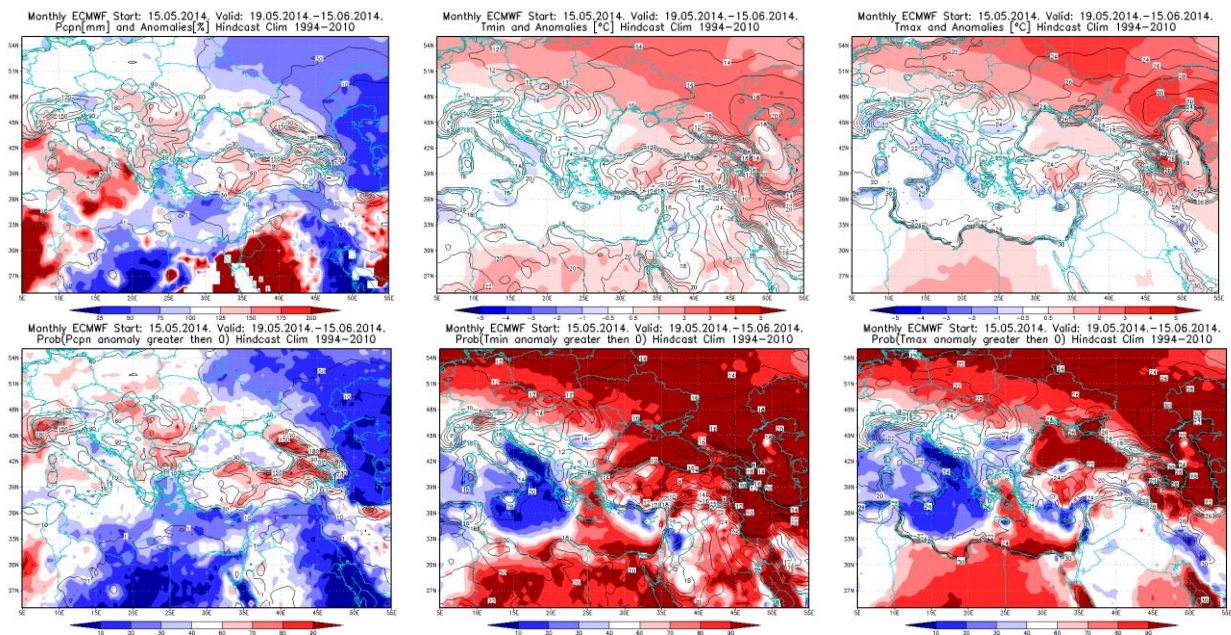


**Figure2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

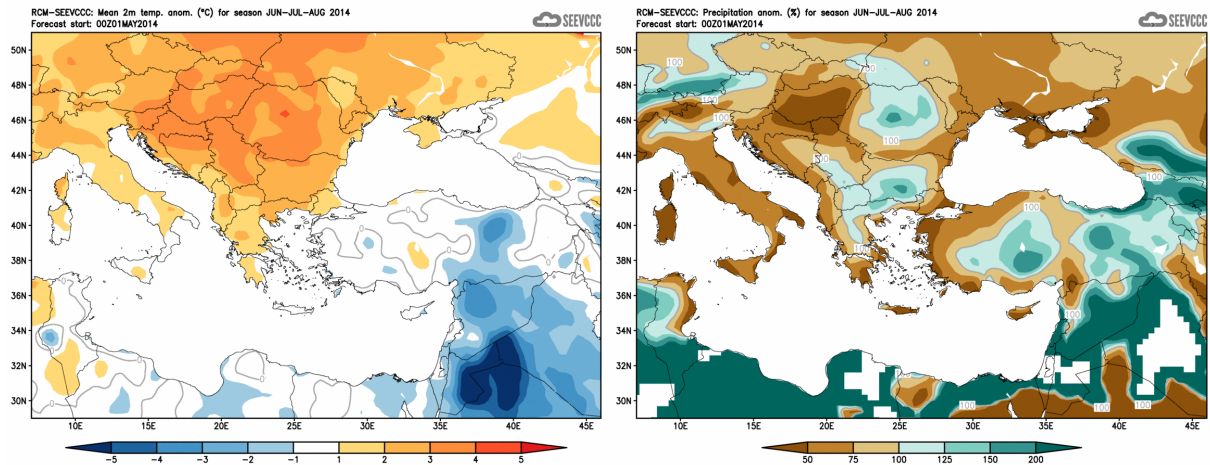




**Figure3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 26.5 – 1.06.2014. period



**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 19.05 – 15.06.2014. period



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