

## Climate Watch (Serial No.: 20140818 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
Issued/ Amended / Cancelled	18-08-2014 12:00 P.M.		3	Very dangerous
Contact:	E-mail: <a href="mailto:cws-seevccc@hidmet.gov.rs">cws-seevccc@hidmet.gov.rs</a> Phone: +381112066925 Fax: +381112066929			
Valid from – to:	18-08 – 31-08-2014	Next amendment:	25-08-2014	

Region of concern: South-Eastern Europe

**„During the next week, below normal mean weekly air temperature, with anomaly up to -2°C, is expected in northern part of the Balkans. Above normal mean weekly air temperature, with anomaly up to +3°C is expected in southern part of the Balkans, central Turkey and South Caucasus. Probability for exceeding lower/upper tercile is around 90%. Precipitation surplus is expected in Croatia, Bosnia and Herzegovina, northern Serbia and central and northern part of Turkey. Precipitation deficit is predicted for south Balkans. Probability for these events is around 80%.“**

### Monitoring

In the period from August 10<sup>th</sup> to 16<sup>th</sup>, 2014 above normal air temperature<sup>1</sup>, with anomaly up to +5°C was registered in Romania, Bulgaria, part of southern Serbia and Greece, northern Turkey and South Caucasus. Weekly precipitation sums, reaching up to 25 mm were registered in northern and central part of Romania, northern Croatia and Bosnia and Herzegovina.

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

## **Outlook**

Within the first week (August 18<sup>th</sup> to 24<sup>th</sup>, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly up to -2°C in northern part of the Balkans. Above normal mean weekly air temperature, with anomaly up to +3°C is expected in southern part of the Balkans, central Turkey and South Caucasus. Probability for exceeding lower/upper tercile is around 90%. Precipitation surplus is expected in Croatia, Bosnia and Herzegovina, northern Serbia and central and northern part of Turkey. Precipitation deficit is predicted for south Balkans. Probability for these events is around 80%.

During the second week (August 25<sup>th</sup> to 31<sup>st</sup>, 2014), below normal mean weekly air temperature, with anomaly up to -3°C is predicted for most part of the Balkans. Above normal mean weekly temperature, with anomaly up to +3°C is expected in most part of Turkey and South Caucasus. Probability for exceeding lower/upper tercile is around 70%. With less confidence, precipitation surplus is expected in eastern and southern Romania, northern Bulgaria and south Greece.

In the period from August 18<sup>th</sup> to September 14<sup>th</sup> 2014, below normal mean monthly air temperature, with anomaly up to -2°C is forecast for northern Balkans. Above normal mean weekly temperature, with anomaly up to +2°C is expected in most part of Turkey and South Caucasus. Probability for exceeding lower/upper tercile is around 80%. Average amount of precipitation is expected in most part of the region. Precipitation surplus is expected in southern Turkey with around 70% probability for exceeding upper tercile

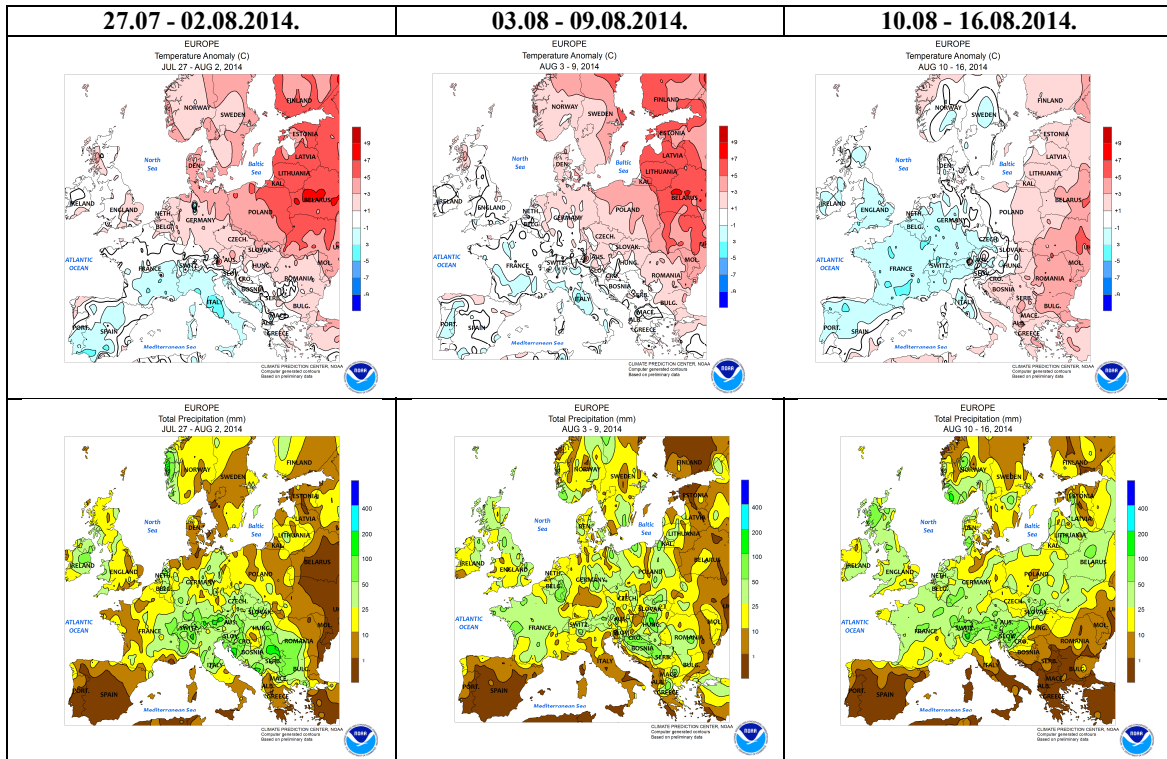
During the following three months (September, October and November) SEEVCCC seasonal forecast predicts average air temperature over most part of the Balkans, while below normal air temperature is expected over southern Turkey. Precipitation deficit is expected in most part of the region. Precipitation surplus is expected over the Carpathians, South Caucasus and in northernmost of Turkey.

## **Update**

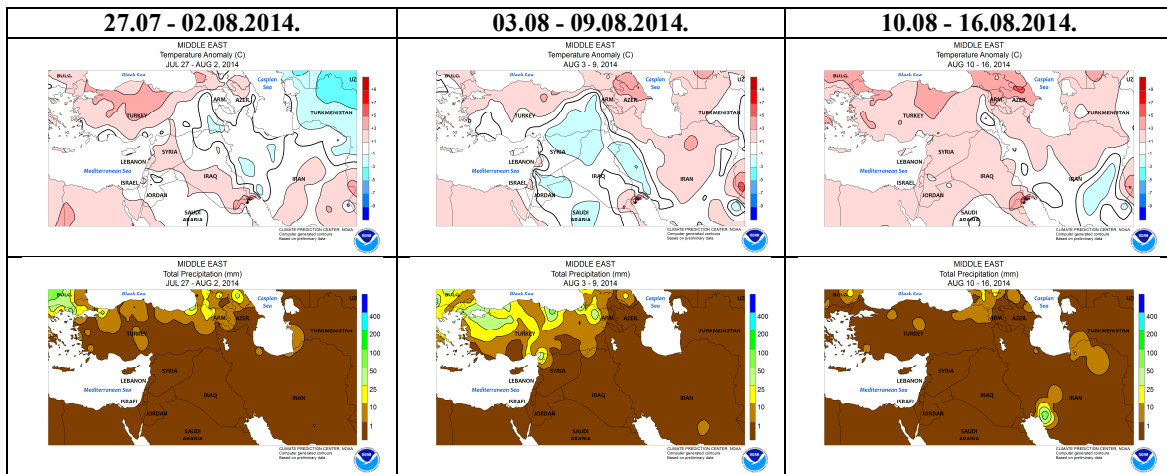
An updated statement will be issued on 25-8-2014.

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

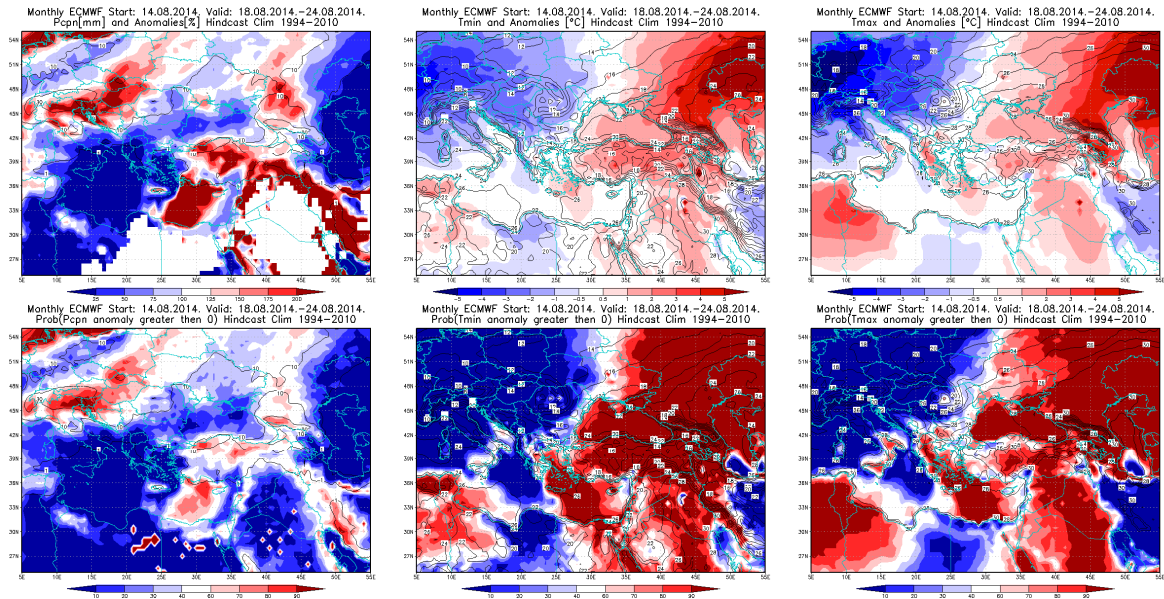
# ANNEX



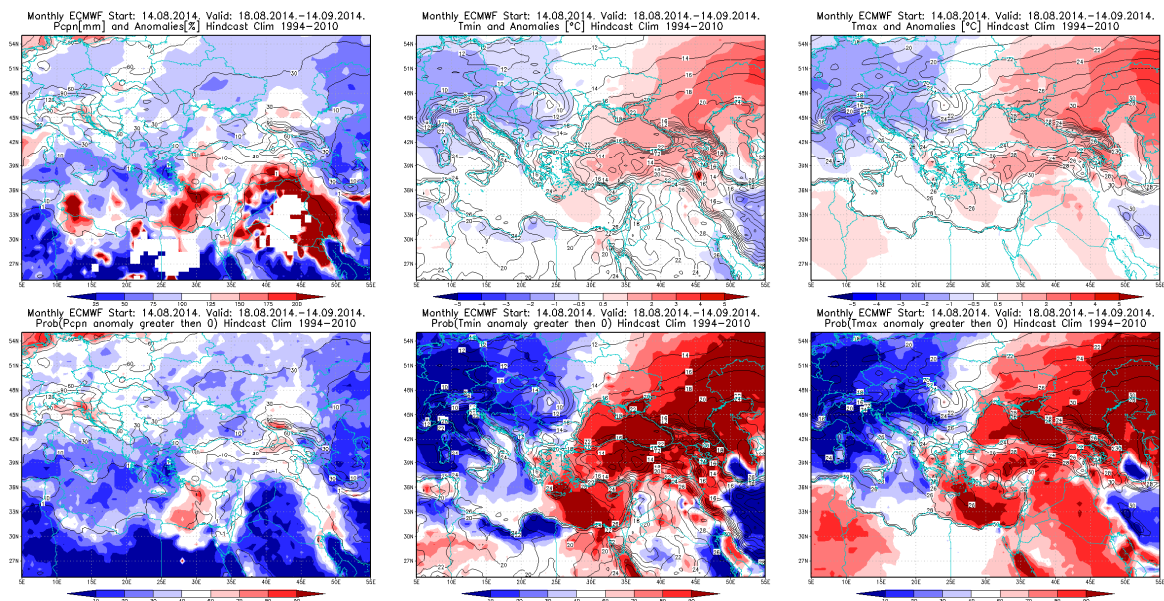
**Figure1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)



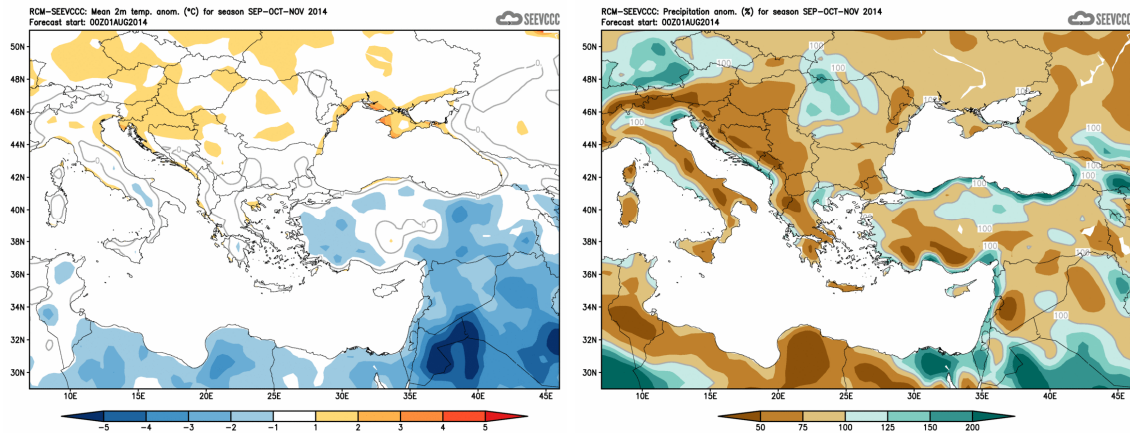
**Figure2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)



**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 18 – 24.8.2014. 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 18.8 – 14.9.2014. period



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