

## Climate Watch (Serial No.: 20140908 – 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>	8-9-2014 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:	8-9 – 21-9-2014	Next amendment:	15-9-2014	
Region of concern: South-Eastern Europe				

**„During the next week, precipitation surplus is expected in most of the Serbia, Greece, western Bulgaria, Turkey, south Caucasus, Adriatic Sea and eastern Mediterranean. Probability for exceeding upper tercile is around 80%.“**

### Monitoring

In the period from August 31<sup>st</sup> to September 6<sup>th</sup>, 2014 above normal air temperature<sup>1</sup>, with anomaly from +1°C up to +7°C was registered in most of Romania, Moldova, easternmost Bulgaria, Turkey and south Caucasus. Weekly precipitation sums, reaching up to 200 mm were registered in most of Balkans.

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

## **Outlook**

Within the first week (September 8<sup>th</sup> to 14<sup>th</sup>, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +3°C, with probability around 80%. Precipitation surplus is expected in most of Serbia, Greece, western Bulgaria, Turkey, south Caucasus, Adriatic Sea and eastern Mediterranean. Probability for exceeding upper tercile is around 80%.

During the second week (September 15<sup>th</sup> to 21<sup>st</sup>, 2014), above normal mean weekly air temperature, with anomaly up to +3°C is predicted for Romania, Moldova, Turkey, eastern Bulgaria, south Caucasus and Aegean sea. Probability for this event is around 80%. Average amount of precipitation is expected for SEE region.

In the period from September 8<sup>th</sup> to October 5<sup>th</sup> 2014, above normal mean monthly air temperature, with anomaly up to +3°C is forecast for most of Turkey, Moldova, eastern Romania, easternmost Bulgaria, south Caucasus, Cyprus and Aegean Sea. Probability for exceeding upper tercile is around 70%. Precipitation surplus is expected in Turkey and south Caucasus with up to 80% probability for exceeding upper tercile.

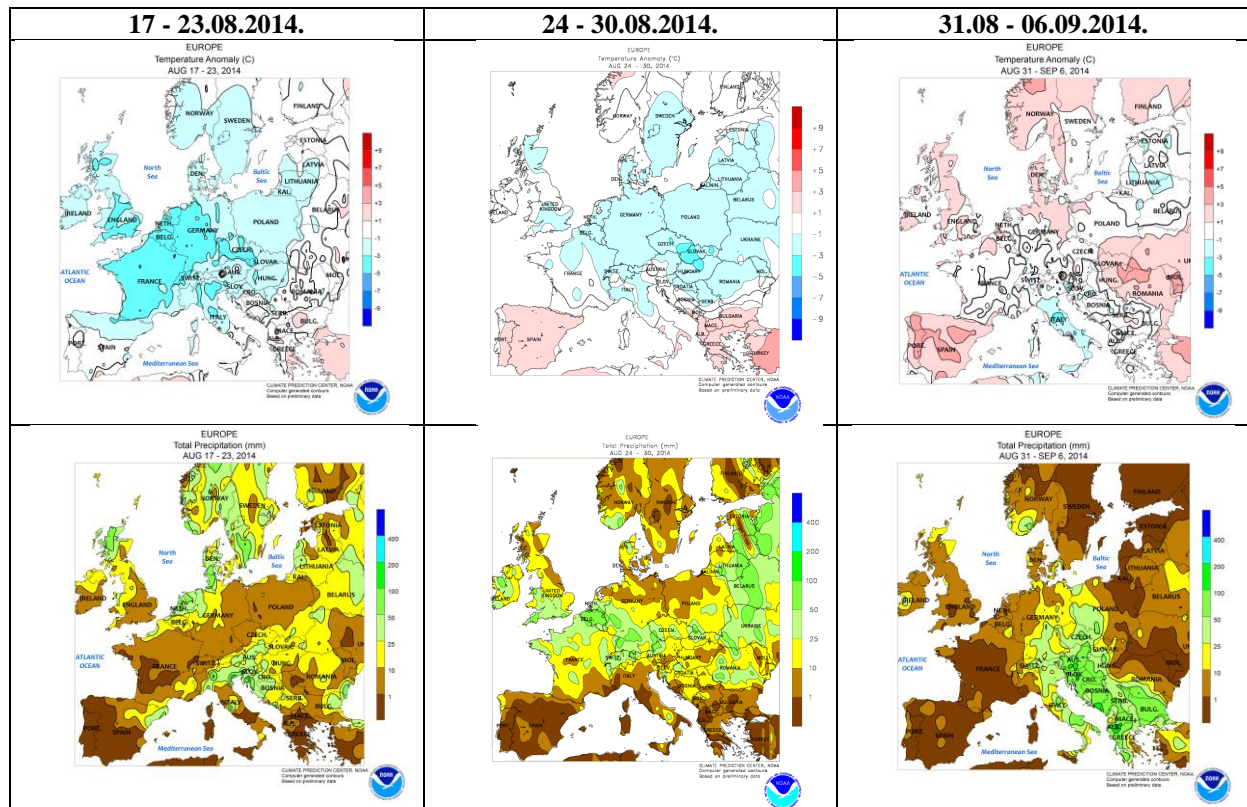
During the following three months (September, October and November) SEEVCCC seasonal forecast predicts average air temperature over most part of the Balkans, while below normal air temperature is expected over southern Turkey. Precipitation deficit is expected in most part of the region. Precipitation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

## **Update**

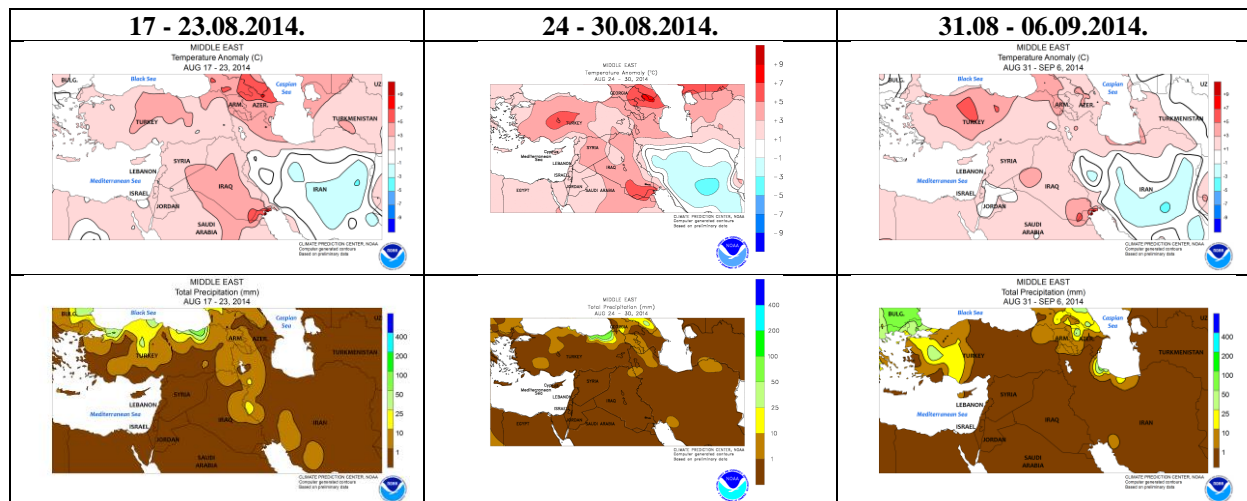
An updated statement will be issued on 15-9-2014.

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

## ANNEX

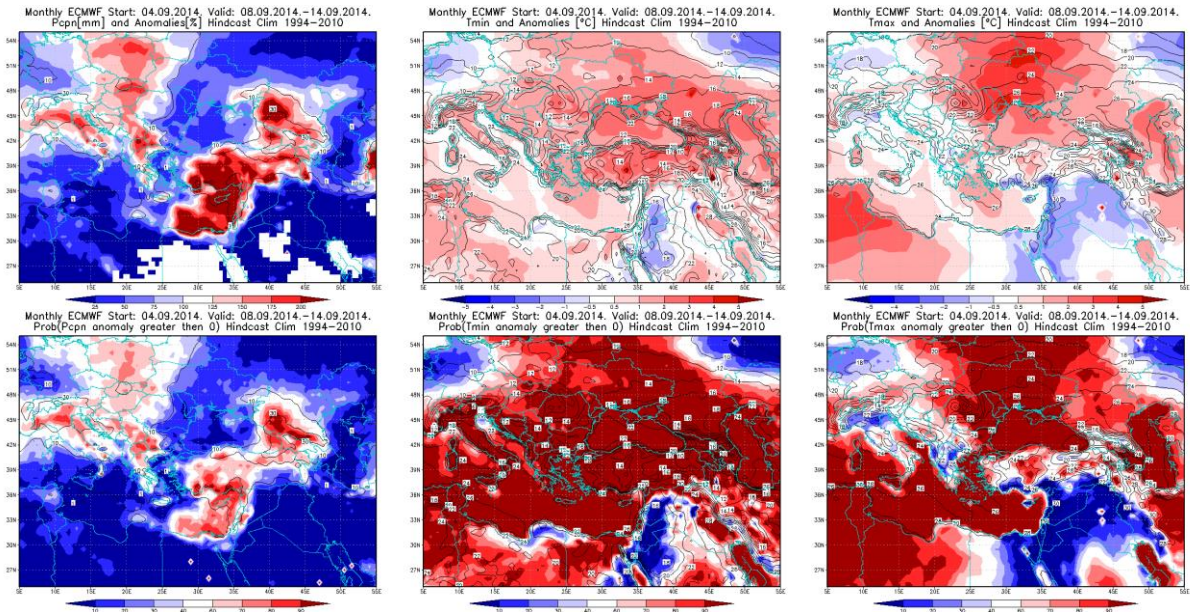


**Figure1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

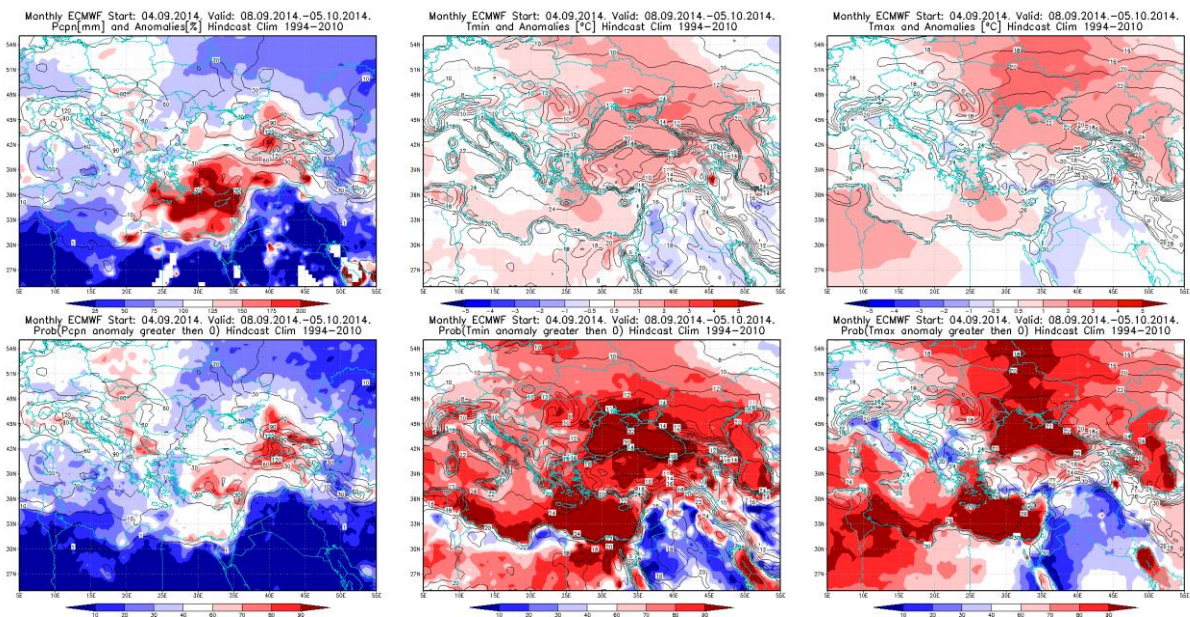


**Figure2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

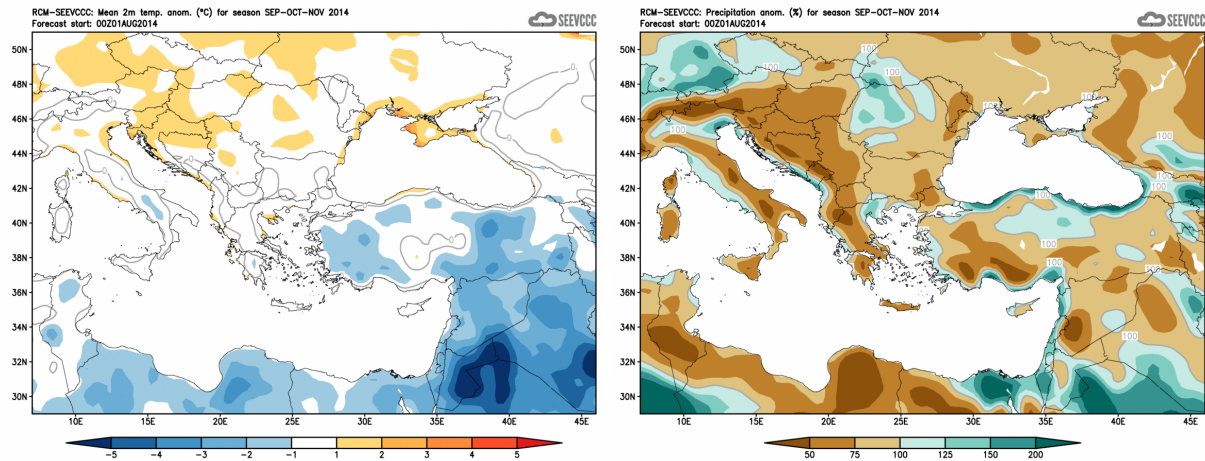




**Figure3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 8 – 14.9.2014. period



**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 8.9 – 5.10.2014. 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/>)