

## Climate Watch (Serial No.: 20131021 – 00)

Initial/Updated/Final

Topic:	Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC	1	Potentially dangerous
		2	Dangerous
Issued/ Amended / Cancelled	21-10-2013 12:00 P.M.	3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929		
Valid from – to:	21-10-2013 – 3-11-2013	Next amendment:	28-10-2013

Region of concern: South-Eastern Europe

**„During next week, ECMWF monthly forecast predicts above normal temperature, with +3°C up to +6°C anomaly in the Balkans. The probability for exceeding upper tercile is around 90%. Temperature below normal, with anomaly from -1°C up to -3°C, is expected in most part of central and eastern Turkey and south Caucasus. The probability for exceeding lower tercile is around 90%. Precipitation deficit is expected in whole SEE region with around 90% probability for exceeding upper tercile. “**

### Monitoring

In the period from October 13<sup>th</sup> to 19<sup>th</sup>, temperature above normal 1981-2010<sup>1</sup>, with anomaly up to +3°C, was recorded in most part of Balkans and south Caucasus. Below normal temperature with anomaly up to -3°C was registered in part of central and south Turkey. Central Romania, western Greece, northern, western and southern Turkey received between 25 to 100mm of precipitation.

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

## **Outlook**

Within the first week (October 21<sup>st</sup> to 28<sup>th</sup>, 2013), ECMWF monthly forecast predicts above normal temperature, with +3°C up to +6°C anomaly in the Balkans. The probability for exceeding upper tercile is around 90%. Temperature below normal, with anomaly from -1°C up to -3°C, is expected in most part of central and eastern Turkey and south Caucasus. The probability for exceeding lower tercile is around 90%. Precipitation deficit is expected in the entire SEE region with around 90% probability for exceeding upper tercile.

During the second week (October 28<sup>th</sup> to November 3<sup>rd</sup>, 2013) most part of Balkans is expected to experience above normal temperature, with anomaly up to +3°C with around 80% probability for exceeding upper tercile. The rest of the SEE region is expected to see average temperature with low confidence. Precipitation deficit is expected in most part of SEE region with around 80% probability for exceeding upper tercile.

In the period from October 21<sup>st</sup> to November 17<sup>th</sup>, above normal temperature, with anomaly up to +3°C, is forecast for most of Balkans. The probability for exceeding upper tercile is around 80%. Precipitation deficit is expected in the entire SEE region with probability around 80%.

During the following three months (November, December, January) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans, central Turkey and south Caucasus. Normal to dry weather conditions are expected in most of the SEE region, with the exception of the coastal regions, central Romania and northern Turkey where precipitation surplus is forecasted.

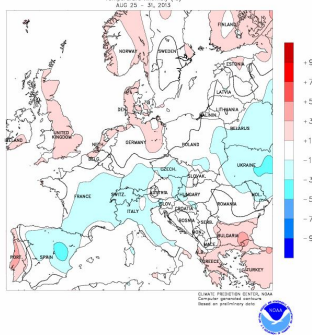
## **Update**

An updated statement will be issued on 28-10-2013.

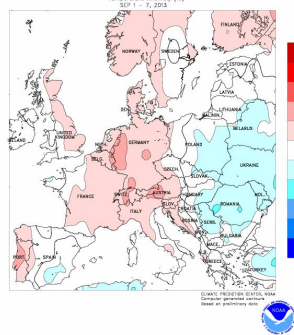
For further information please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

## ANNEX

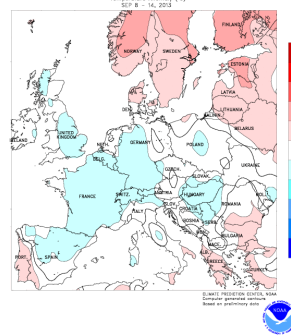
25-8-2013 – 31-8-2013



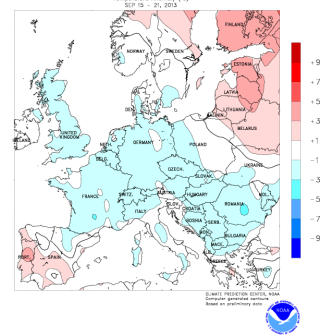
1-9-2013 – 7-9-2013



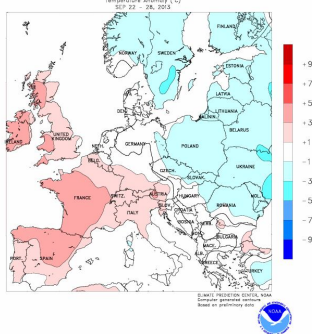
8-9-2013 – 14-9-2013



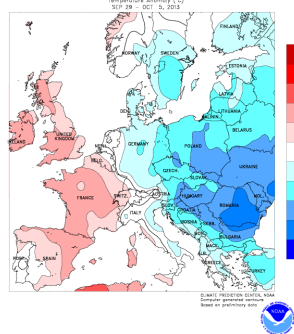
15-9-2013 – 21-9-2013



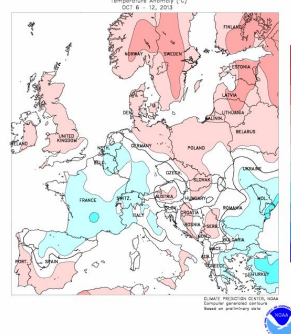
22-9-2013 – 28-9-2013



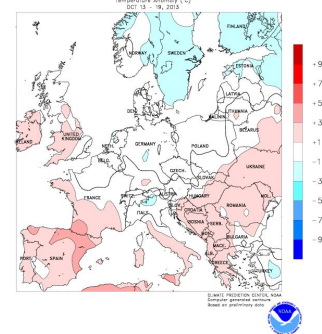
29-9-2013 – 5-10-2013



6-10-2013 – 12-10-2013

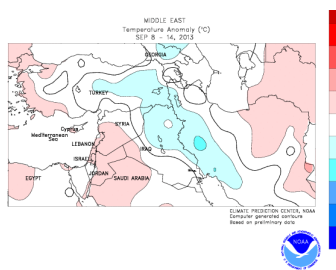


13-10-2013 – 19-10-2013

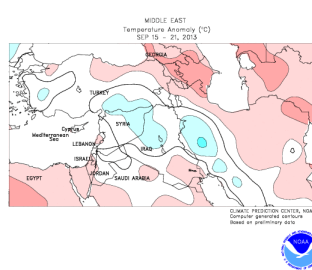


**Figure 1.** Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

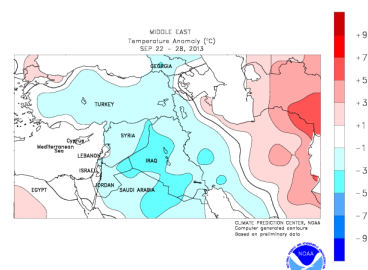
8-9-2013 – 14-9-2013



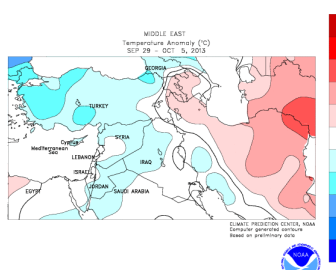
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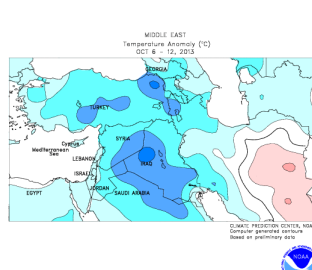
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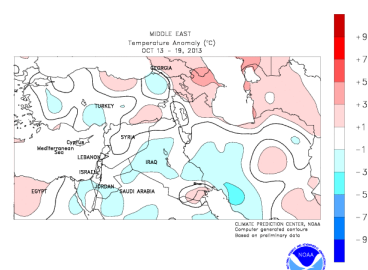
29-9-2013 – 5-10-2013



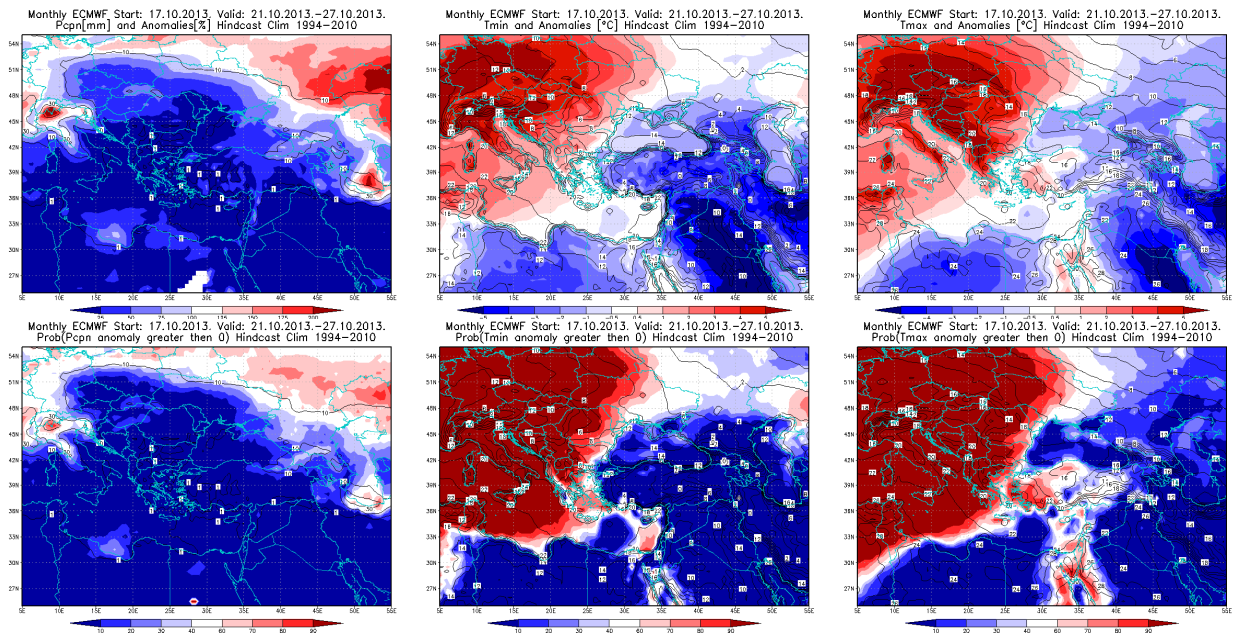
6-10-2013 – 12-10-2013



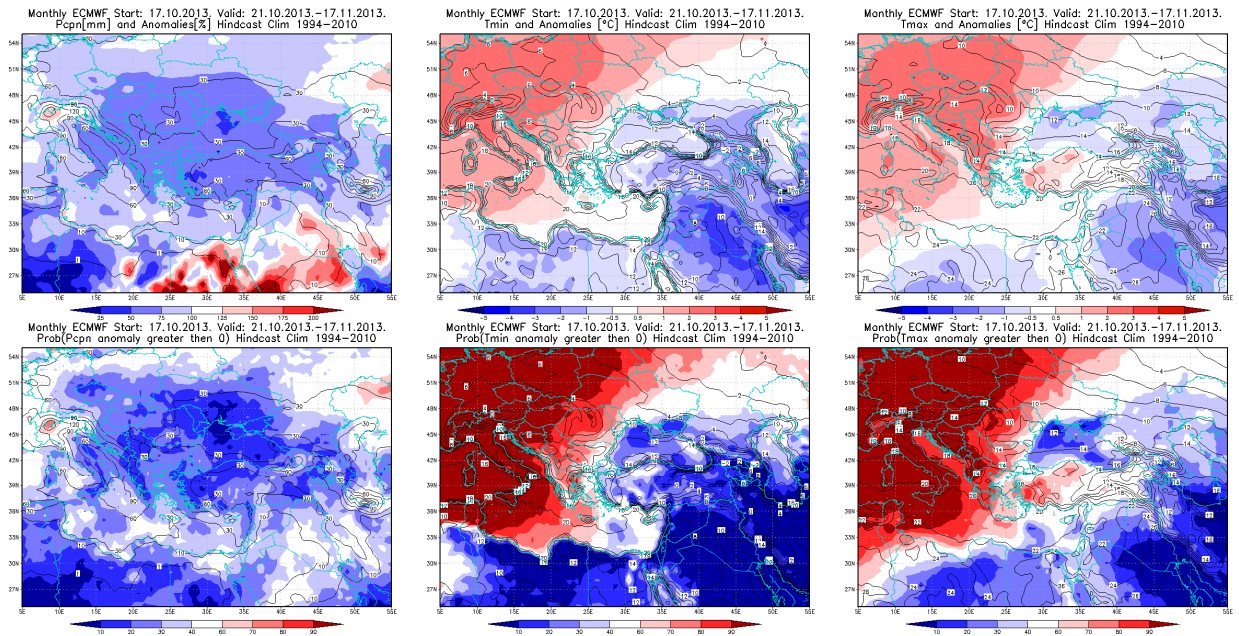
13-10-2013 – 19-10-2013



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

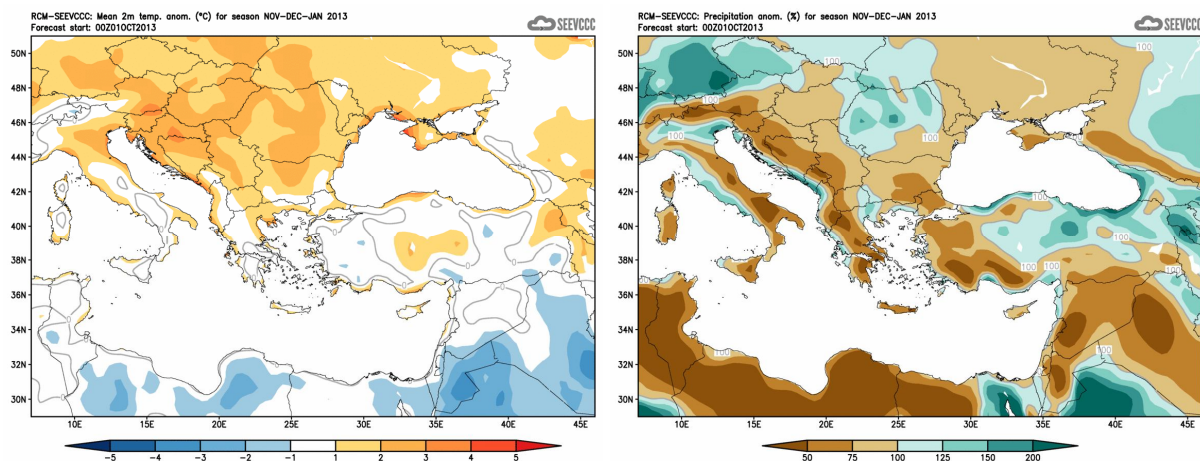


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 21.10 – 27.10.2013. period



**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 21.10 – 17.11.2013. period





**Figure 5.** Mean seasonal temperature and precipitation anomaly for the season NDJ (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/> )