

## Climate Watch (Serial No.: 20131104 – 00)

Initial/Updated/Final

Topic:	Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC	1	Potentially dangerous
		2	Dangerous
Issued/ Amended / Cancelled	4-11-2013 12:00 P.M.	3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929		
Valid from – to:	4-11-2013 – 17-11-2013	Next amendment:	11-11-2013

Region of concern: South-Eastern Europe

**„Within the first week (November 4<sup>th</sup> to 10<sup>th</sup>, 2013), ECMWF monthly forecast predicts above normal mean weekly temperature, with +1°C up to +4°C anomaly in the entire SEE region. The probability for exceeding upper tercile is around 80%. Weekly precipitation deficit is expected in most part of Balkans, in southern, eastern and central part of Turkey as well as in south Caucasus with around 80% probability.“**

### Monitoring

In the period from October 27<sup>th</sup> to November 2<sup>nd</sup>, temperature above normal 1981-2010<sup>1</sup>, with anomaly up to +9°C, was recorded in most part of Balkans, western Turkey and south Caucasus. Below normal temperature with anomaly up to -3°C was registered in eastern Turkey. The entire SEE region received small amounts of precipitation, up to 10mm.

---

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

## **Outlook**

Within the first week (November 4<sup>th</sup> to 10<sup>th</sup>, 2013), ECMWF monthly forecast predicts above normal mean weekly temperature, with +1°C up to +4°C anomaly in the entire SEE region. The probability for exceeding upper tercile is around 80%. Weekly precipitation deficit is expected in most part of Balkans, in southern, eastern and central part of Turkey as well as in south Caucasus with around 80% probability.

During the second week (October 11<sup>th</sup> to November 17<sup>th</sup>, 2013) most part of Balkans is expected to experience above normal mean weekly temperature, with anomaly up to +2°C with around 70% probability. Below normal mean weekly temperature, with anomaly around -1°C, is expected in Turkey and south Caucasus with up to 70% probability. Weekly precipitation deficit is expected in the Balkans and in western Turkey with up to 80% probability.

In the period from November 4<sup>th</sup> to December 1<sup>st</sup>, most of Balkans is expected to see above normal mean monthly temperature, with anomaly up to +2°C and with around 70% probability. Below normal mean monthly temperature is expected in southern, eastern and central Turkey and in part of south Caucasus with less confidence. Monthly precipitation deficit is expected in Croatia, south Bosnia and Herzegovina, Montenegro, Albania, FYR of Macedonia, southwestern Serbia and in north Greece with around 60% probability for lower tercile.

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.

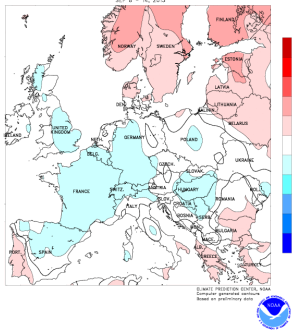
## **Update**

An updated statement will be issued on 11-11-2013.

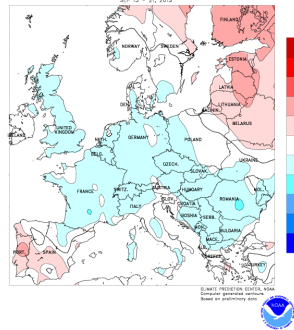
For further information please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

## ANNEX

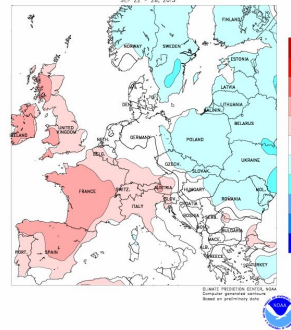
8-9-2013– 14-9-2013



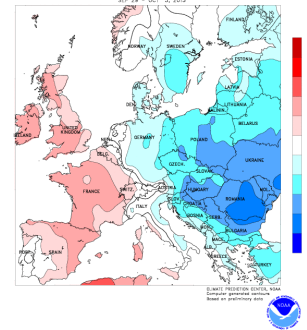
15-9-2013– 21-9-2013



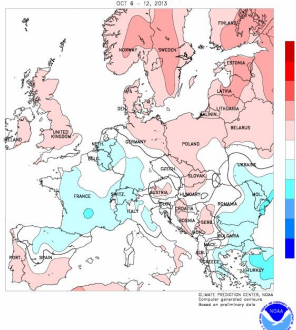
22-9-2013– 28-9-2013



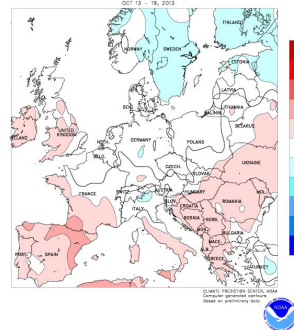
29-9-2013– 5-10-2013



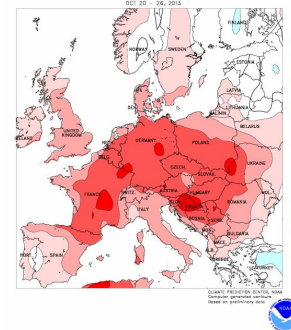
6-10-2013– 12-10-2013



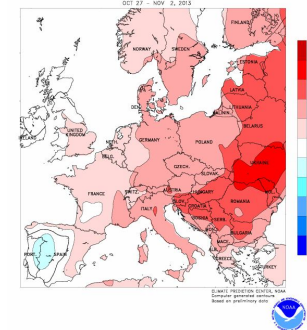
13-10-2013–19-10-2013



20-10-2013–26-10-2013

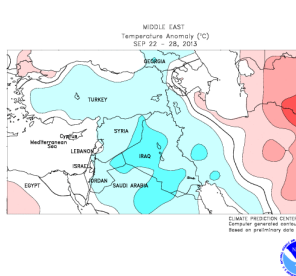


27-10-2013–2-11-2013

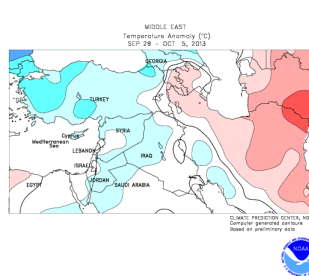


**Figure 1.** Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

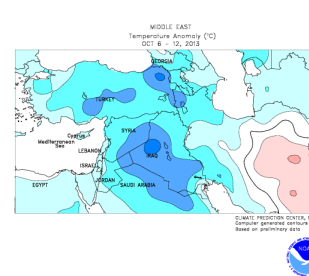
22-9-2013 – 28-9-2013



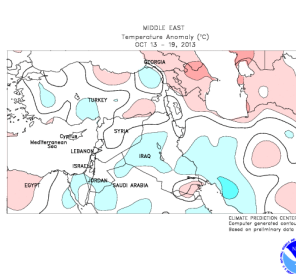
29-9-2013 – 5-10-2013



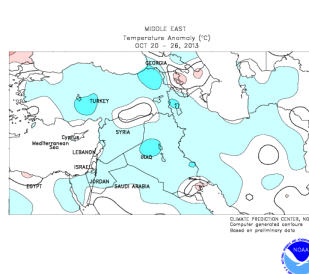
6-10-2013 – 12-10-2013



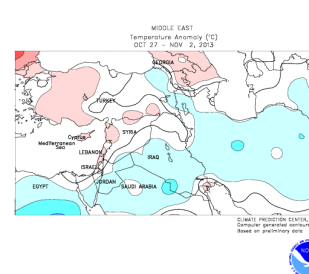
13-10-2013 – 19-10-2013



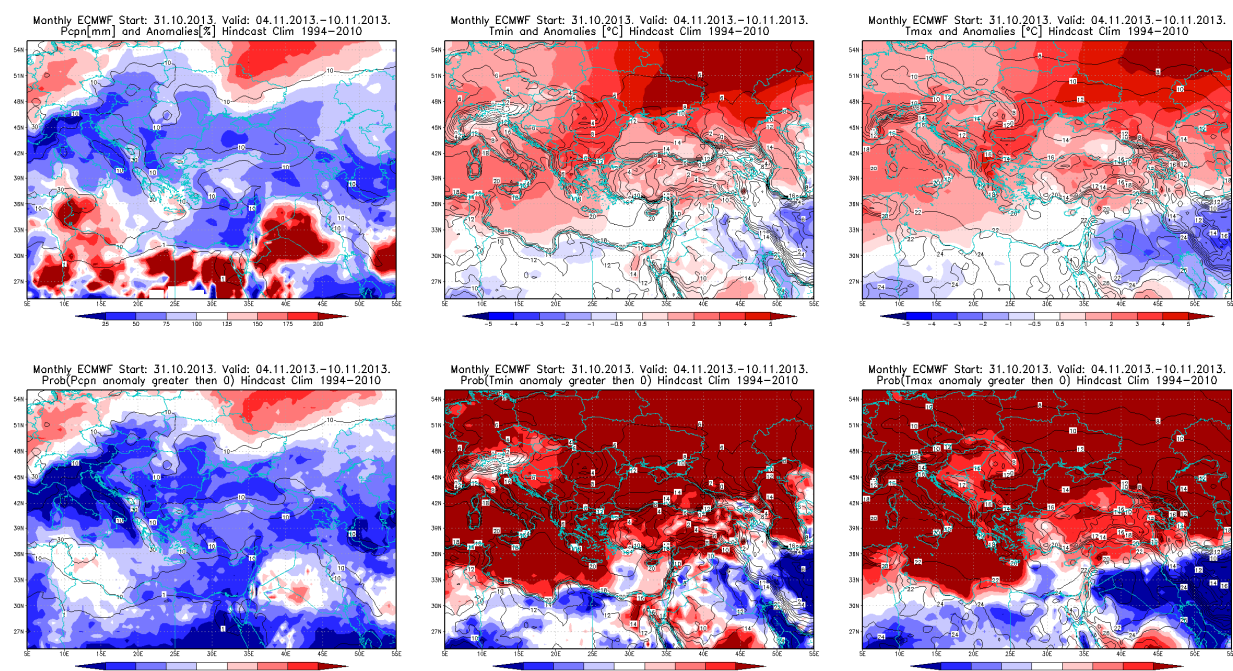
20-10-2013 – 26-10-2013



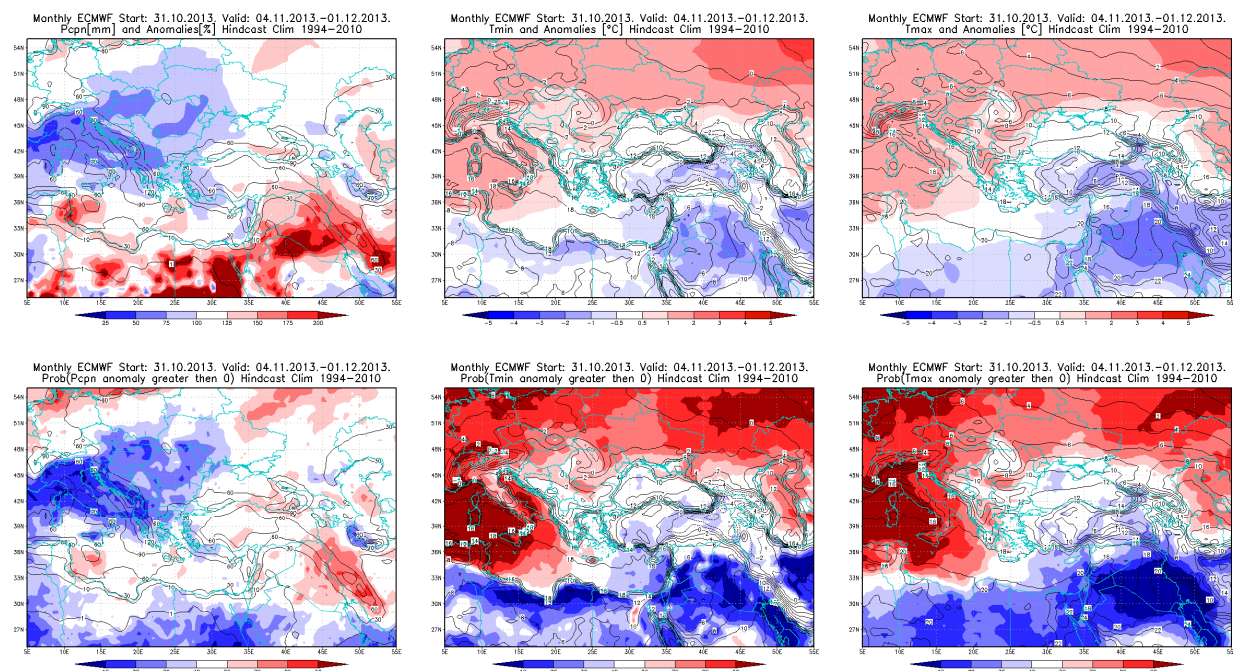
27-10-2013–2-11-2013



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

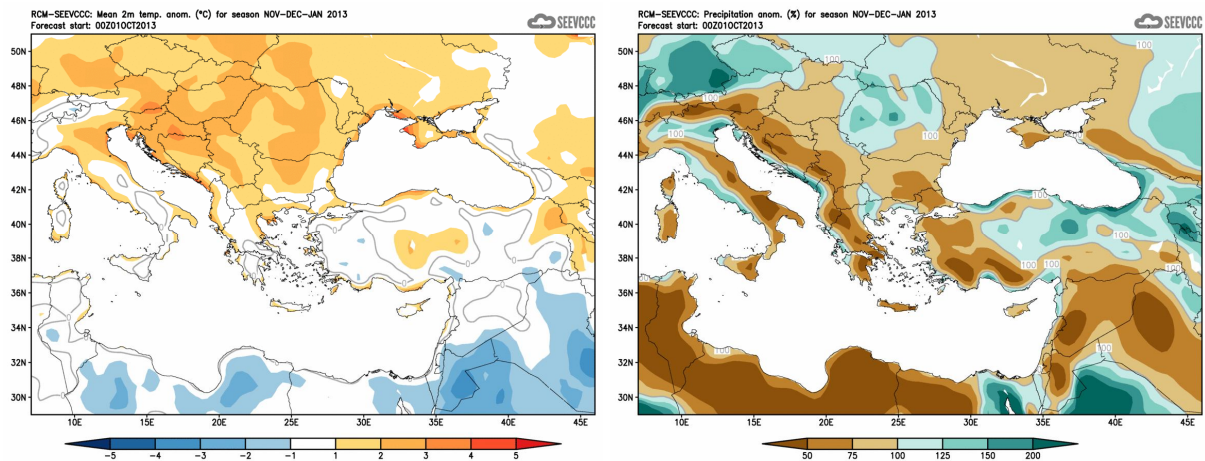


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 4.11 – 10.11.2013. period



**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 4.11 – 1.12.2013. 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/> )