

## Climate Watch (Serial No.: 20130812 – 00)

Initial/Updated/Final

Topic:	Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC	1	Potentially dangerous
		2	Dangerous
Issued/ Amended / Cancelled	12-8-2013 12:00 P.M.	3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929		
Valid from – to:	12-8-2013 – 25-8-2013	Next amendment:	19-8-2013

Region of concern: South-Eastern Europe

**„With probability of 70% for upper tercile, during next month, in almost whole SEE region temperature above normal is expected ( temperature anomaly up to +2 °C). Normal to dry weather conditions is expected in the region till beginning of September. “**

### Monitoring

In the period from August 04<sup>th</sup> to 10<sup>th</sup> temperature above normal 1981-2010<sup>1</sup>, with anomaly from +1 up to +7 °C, was recorded in Balkans and western Turkey. In central and east Turkey and South Caucasus below normal temperature with anomaly from -1 up to -5 °C was observed. Daily maxima were from 35 °C up to 40 °C over Balkans and in western Turkey. Precipitation from 25 up to 200 mm was registered in the coastal regions. In rest of the region no significant precipitation was recorded.

### Outlook

Within the first week (August 12<sup>th</sup> to 18<sup>th</sup>, 2013), ECMWF monthly forecast predicts above normal temperature in most of SEE region, with anomaly up to +2 °C. Below normal temperature with anomaly up to -2 °C is expected in South Caucasus. The probability for exceeding upper/lower tercile is around 80%. In most of SEE region normal to dry weather conditions is expected with probability up to 90%. With less confidence along the Adriatic coast and in south Caucasus precipitation surplus is expected.

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

During the second week (August 19<sup>th</sup> to 25<sup>th</sup>, 2013) in almost whole SEE region temperature above normal, with anomaly up to +3 °C, is expected. The probability for exceeding upper tercile is around 70%. In whole region normal to dry weather condition is expected, with probability up to 80%.

In the period from August 12<sup>th</sup> to September 8<sup>th</sup>, above normal temperature, with anomaly up to +2 °C, is expected in almost whole SEE region. The probability for exceeding upper tercile is around 70 %. In whole region normal to dry weather condition is expected, with probability around 60%.

During the following three months (August, September, October) SEEVCCC seasonal forecast predicts average temperature in most of Balkans. Temperature below normal is expected in most part of Turkey and south Caucasus. Normal to dry weather conditions are expected in most of SEE region, apart from the part of central Romania and south Caucasus and northernmost Turkey where precipitation surplus is expected.

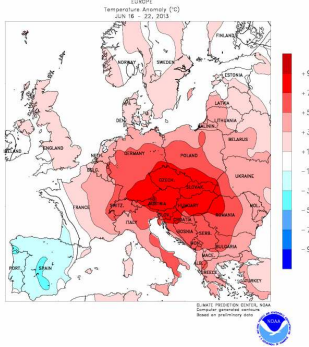
### **Update**

An updated statement will be issued on 19-8-2013.

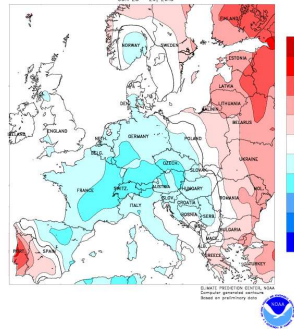
For further information please contact [cws-seevccc@hidmet.gov.rs](mailto:cws-seevccc@hidmet.gov.rs)

## ANNEX

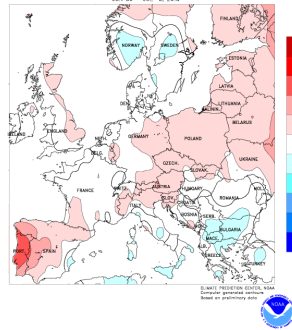
16-6-2013 – 22-6-2013



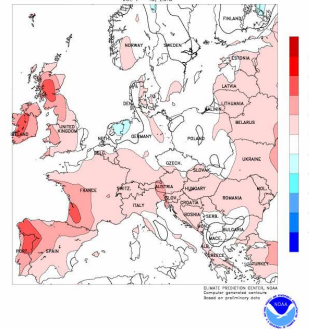
23-6-2013 – 29-6-2013



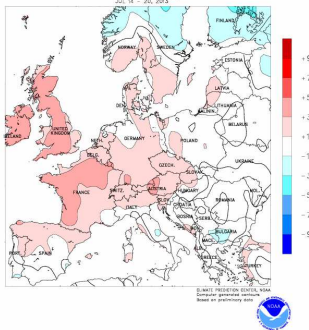
30-6-2013 – 6-7-2013



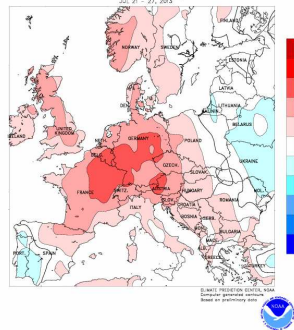
7-7-2013 – 13-7-2013



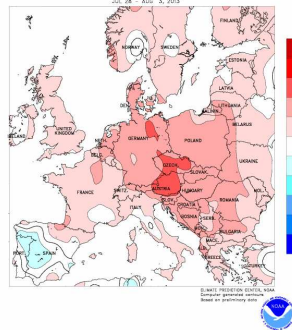
14-7-2013 – 20-7-2013



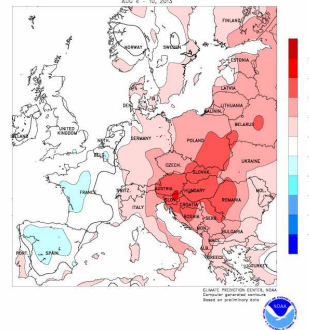
21-7-2013 – 27-7-2013



28-7-2013 – 3-8-2013

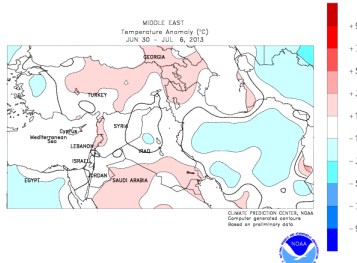


4-8-2013 – 10-8-2013

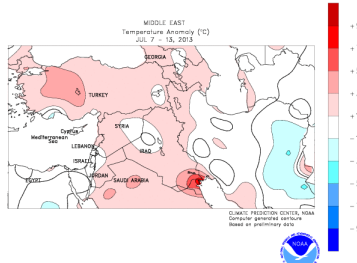


**Figure 1.** Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

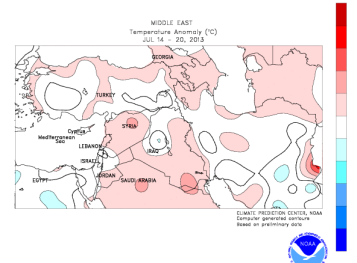
30-6-2013 – 6-7-2013



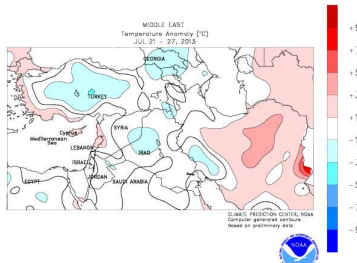
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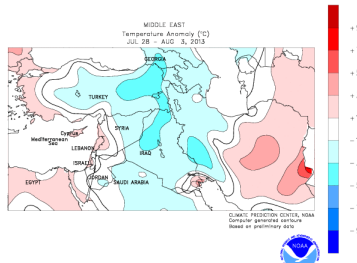
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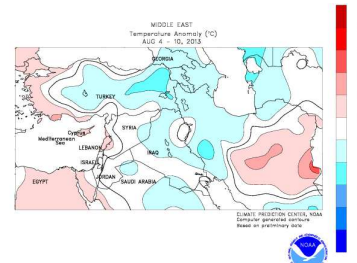
21-7-2013 – 27-7-2013



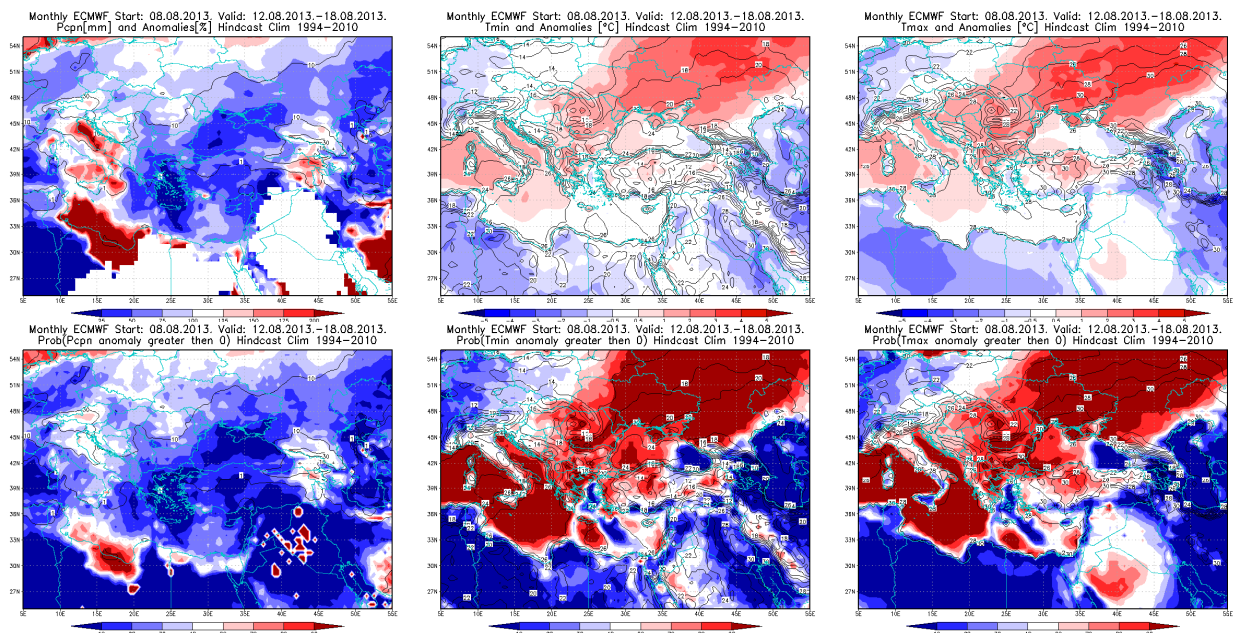
28-7-2013 – 3-8-2013



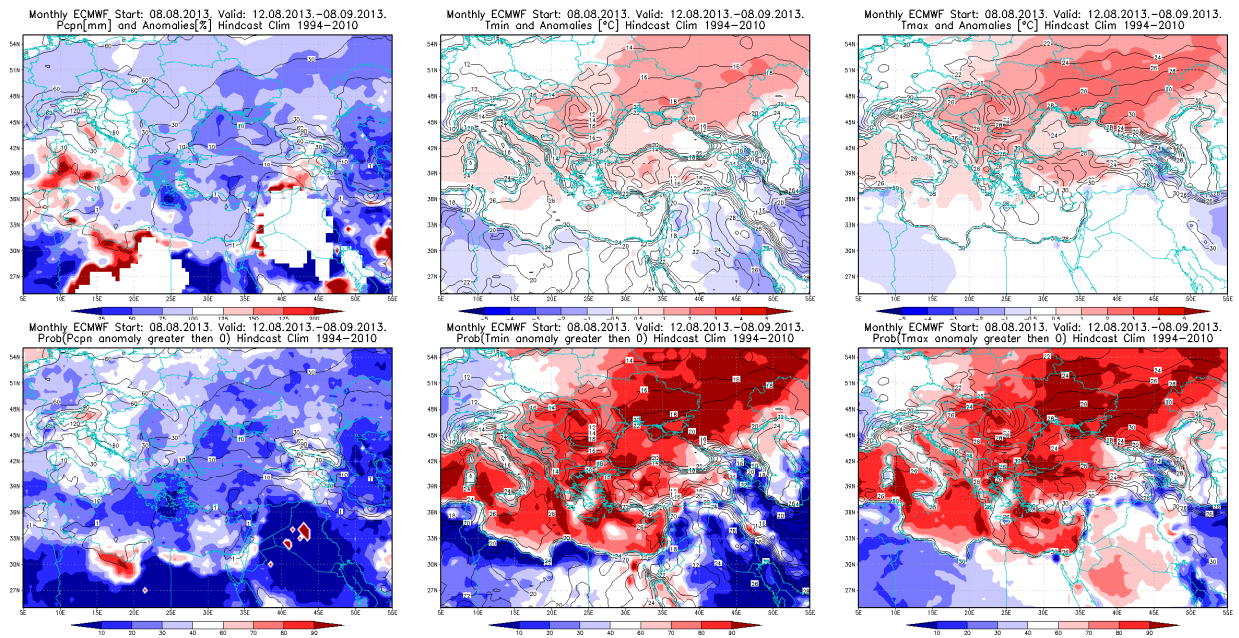
4-8-2013 – 10-8-2013



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

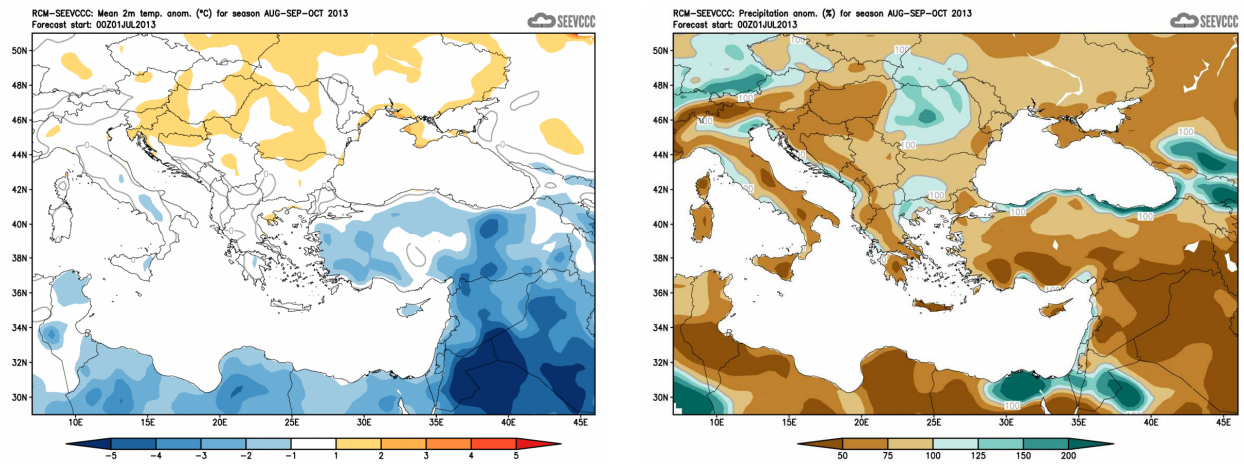


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 12.-18.8.2013 period



**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 12.8- 8.9.2013 period





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