

Climate Watch (Serial No.: 20130304 – 00)

Initial/Updated/Final

Topic:	Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC	1	Potentially dangerous
		2	Dangerous
Issued/ Amended / Cancelled	04-03-2013 12:00 P.M.	3	Very dangerous

Contact: E-mail: cws-seevccc@hidmet.gov.rs
Phone: +38112066925
Fax: +38112066929

Valid from – to: 04-03-2013 – 17-03-2013 Next amendment: 11-03-2013

Region of concern: South-eastern Europe

„Temperature above normal, with anomaly from +1 °C up to +3 °C is expected over Western Balkans, and in rest of the SEE region temperature below normal, from -1 °C up to -4 °C is forecast. The probability for these events is around 80%. In most part of the SEE region precipitation deficit is expected. Precipitation surplus is expected in Greece, part of south Caucasus and along the Adriatic. The probability for these events is up to 80%“.

Monitoring

In the period from February 24th to March 02nd in SEE region mean temperature was above normal 1981-2010¹, ranging from +1 °C up to +7 °C. Precipitation, measuring from 25 up to 100 mm, was recorded in most part of Croatia and Bosnia and Herzegovina, in Montenegro, FYR of Macedonia, part of western, eastern and southeastern Serbia, southwestern Albania, northern Greece, westernmost of Bulgaria and southwestern Romania. In rest of the region precipitation was up to 25 mm.

Outlook

Within the first week (March 04th to 10rd, 2013), ECMWF mounthly forecast predicts temperature above normal, with anomaly from +1 °C up to +3 °C over Western Balkans, while in rest of the SEE region temperature below normal, from -1 °C up to -4 °C is forecast. The probability for these events is around 80%. In most part of the SEE region precipitation deficit is

¹ Reference climatological period is the 1981-2010 period

expected. Precipitation surplus is expected in Greece, part of south Caucasus and along the Adriatic. The probability for these events is up to 80%.

During the second week (March 11th to 17th, 2013) temperature above normal is expected in most part of Turkey and in south Caucasus, with anomaly around +2 °C, while over Balkans temperature below normal, with anomaly around -2 °C is expected. Probability is around 70%. Precipitation deficit is expected in the entire region with probability around 70%.

In the period from March 04th to 31st, in most part of SEE region normal to cold weather conditions are expected with anomaly from -1 °C up to -3 °C and probability up to 70%. Along the coastal regions of SEE and in some part of south Caucasus precipitation surplus is expected with probability around 70%.

During the following three months (March, April, May) SEEVCCC seasonal forecast predicts temperature above normal, with anomaly up to +2 °C, in most of Balkans, southeastern and part of central Turkey and in South Caucasus. Precipitation surplus is expected in south Caucasus, northeast Turkey and northwest Romania. In rest of SEE region normal to dry weather is expected.

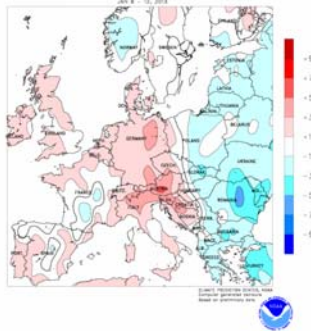
Update

An updated statement will be issued on 11-03-2013.

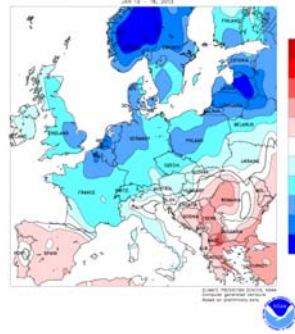
For further information please contact cws-seevccc@hidmet.gov.rs

ANNEX

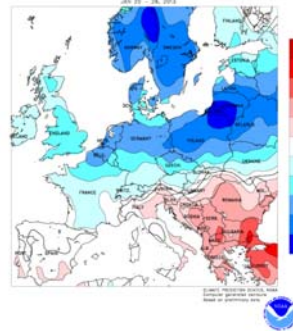
6-1 -2013– 12-1-2013



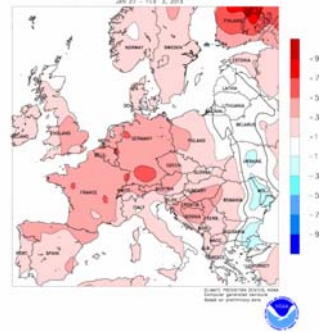
13-1 -2013– 19-1-2013



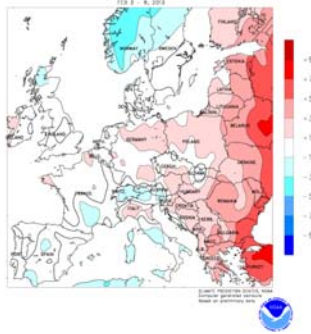
20-1 -2013– 26-1-2013



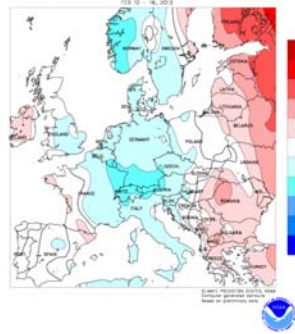
27-1 -2013– 2-2-2013



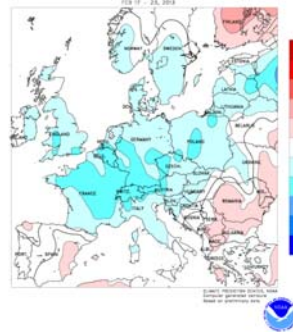
3-2 -2013– 9-2-2013



10-2 -2013– 16-2-2013



17-2 -2013– 23-2-2013



24-2 -2013– 2-3-2013

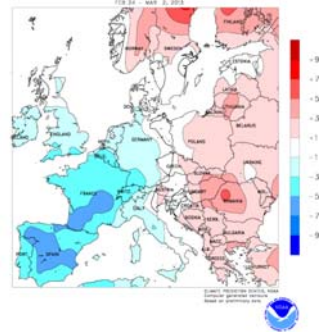
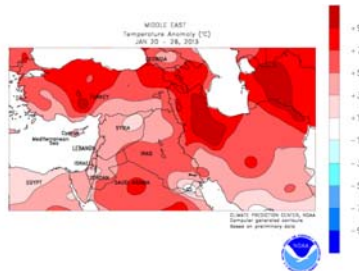
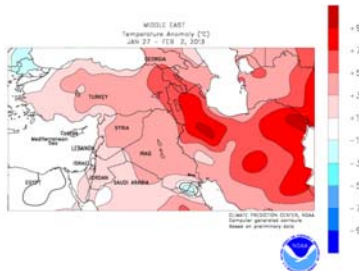


Figure 1. Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

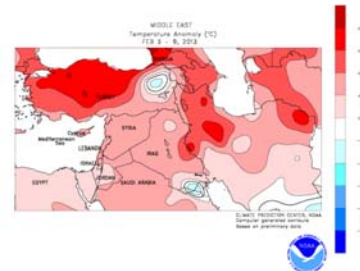
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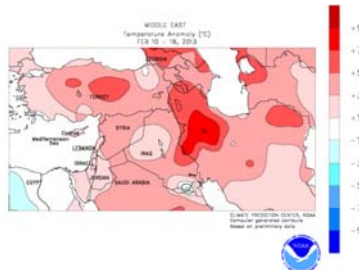
27-1 -2013– 2-2-2013



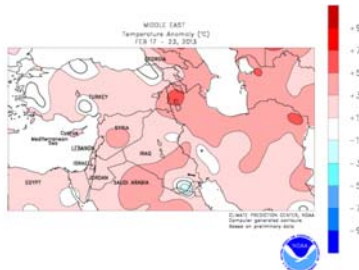
3-2 -2013– 9-2-2013



10-2 -2013– 16-2-2013



17-2 -2013– 23-2-2013



24-2 -2013– 2-3-2013

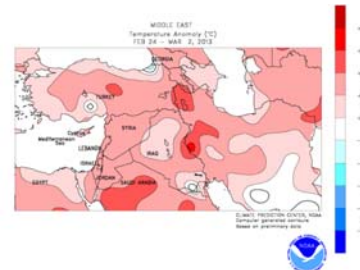


Figure 2. Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)

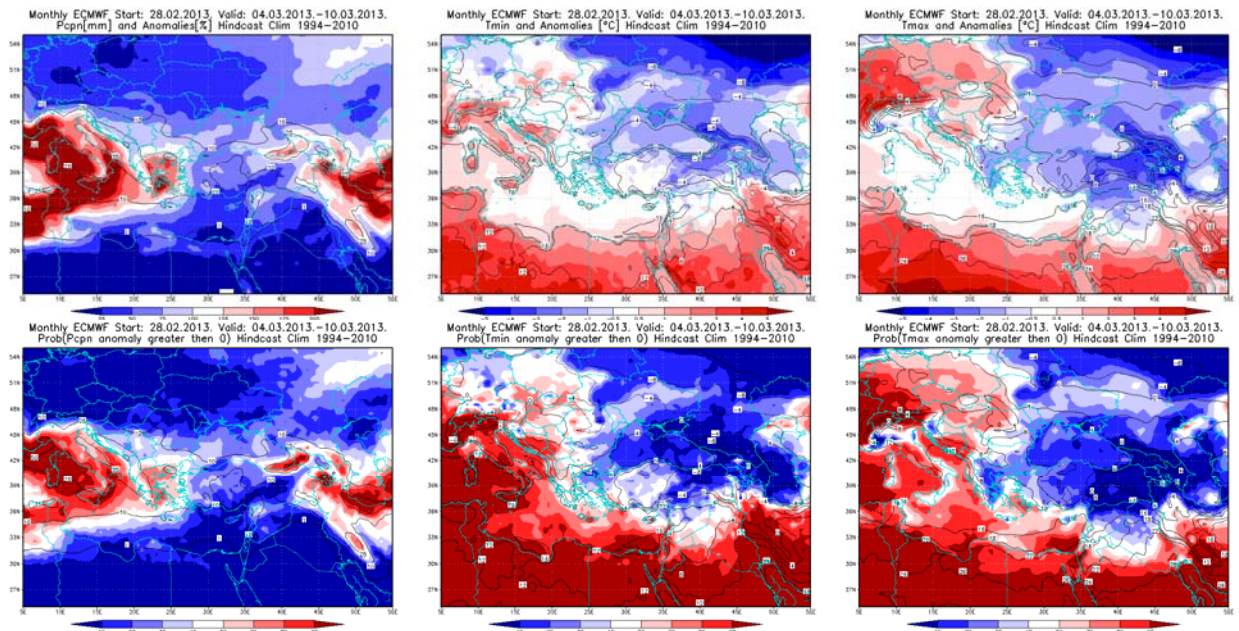


Figure 3. Outlook of the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 04 –10.03.2013 period

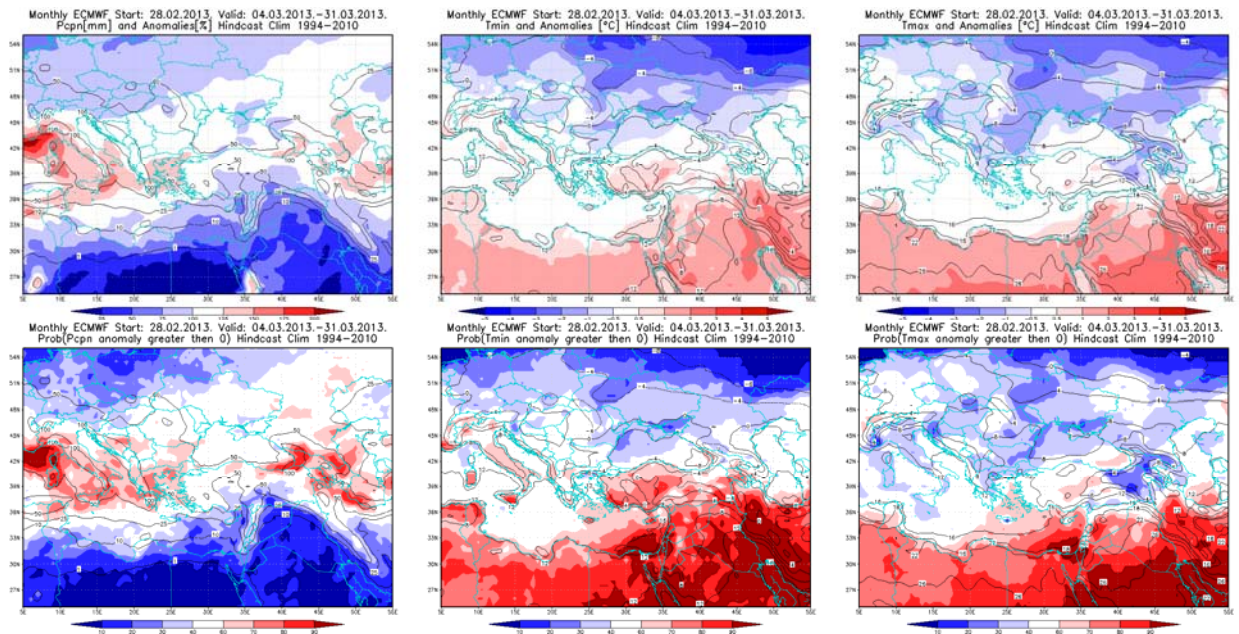


Figure 4. Outlook of the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 04– 31.03.2013 period

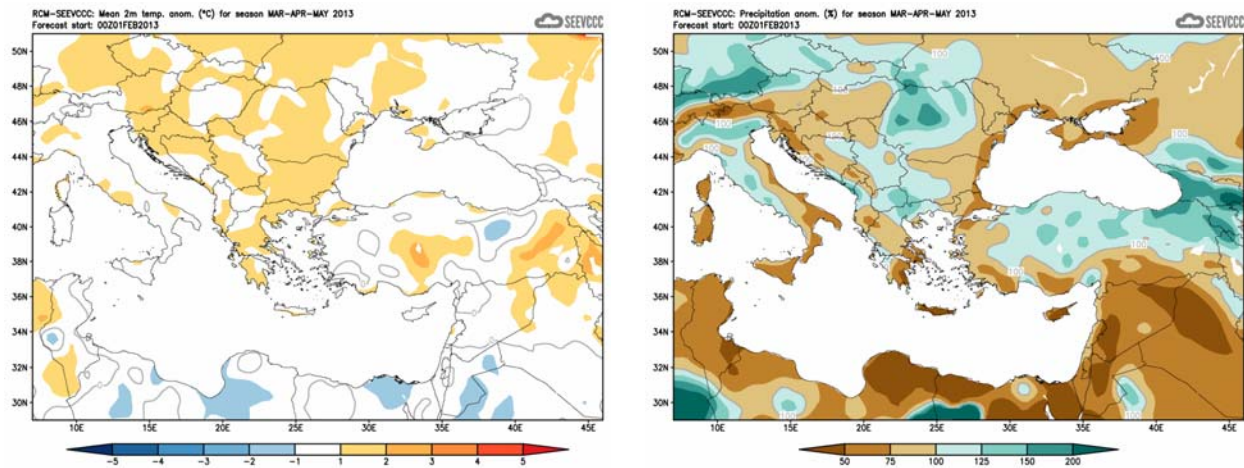


Figure 5. Mean seasonal temperature and precipitation anomaly for the season MAM (seasonal outlook of RCM – SEEVCCC)

Sources

- Republic Hydrometeorological Service of Serbia (www.hidmet.gov.rs)
- South East European Virtual Climate Change Center (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/>)