Climate Watch (Serial No.: 20131112 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
Issued/ Amended / Cancelled	18-11-2013 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929			
Valid from – to:	18-11-2013 – 1-12-2013	Next amendment: 25-11-2013		

Region of concern: South-Eastern Europe

„ During next month, especially within the first week of monthly forecast, precipitation surplus is expected along the coastal region of Adriatic and Ionian see with probability for exceeding upper tercile up to 80%. In SEE region above normal mean monthly temperature, with anomaly up to +2°C is expected and probability for exceeding upper tercile is around 60%. "

Monitoring

In the period from November 10th to 16th, temperature above normal 1981-2010[1], with anomaly from +1°C up to +5°C, was recorded in SEE region. Precipitation from 25 up to 100 mm was observed in most part of Croatia, Montenegro, Greece, southern part of Bosnia and Herzegovina and some southwestern most Turkey. In the rest of region precipitation up to 25 mm was registered.

[1] Reference climatological period is the 1981-2010 period

Outlook

Within the first week (November 18th to 24th, 2013), ECMWF monthly forecast predicts above normal mean weekly temperature, with anomaly from +1°C up to +5°C in most of SEE region. The probability for exceeding upper tercile is around 90%. Weekly precipitation surplus is expected along the coastal region of Adriatic and Ionian see with probability for exceeding upper tercile up to 80%. With same probability for lower tercile weekly precipitation deficit is expected in Turkey and South Caucasus.

During the second week (November 25th to December 01st, 2013) with probability for exceeding upper tercile of 70%, above normal mean weekly temperature, with anomaly from +2°C up to +4°C, is expected in Turkey and South Caucasus. In rest of the Region normally to slightly warmer weather conditions is expected. With less confidence in most of SEE region slight precipitation surplus is expected.

In the period from November 18th to December 15th, in SEE region above normal mean monthly temperature, with anomaly up to +2°C is expected and probability for exceeding upper tercile is around 60%. Monthly precipitation surplus is expected in the coastal region of Adriatic and Ionian see with probability up to 80% for upper tercile.

During the following three months (December, January, February) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans, some parts of central and costal 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.

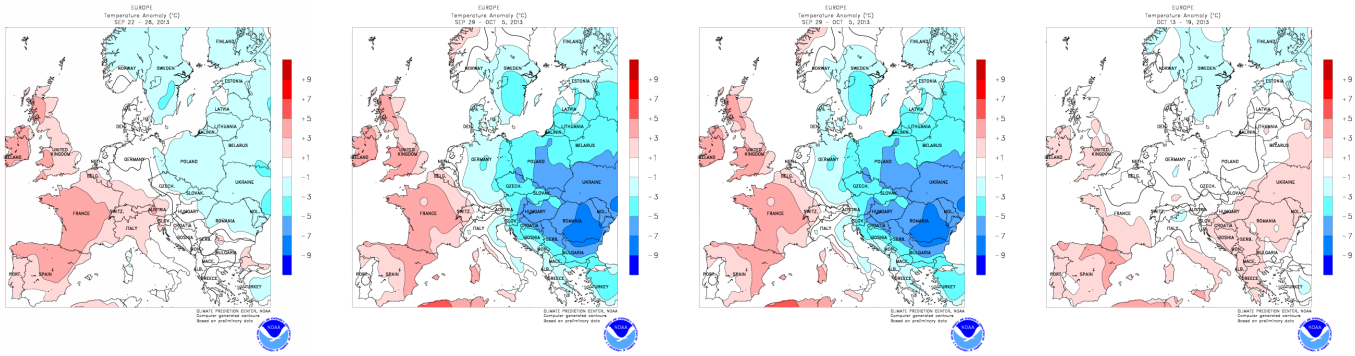
Update

An updated statement will be issued on 25-11-2013.

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

ANNEX

22-9-2013– 28-9-2013 | 29-9-2013– 5-10-2013 | 29-9-2013– 5-10-2013 | 13-10-2013–19-10-2013



20-10-2013–26-10-2013 | 27-10-2013–2-11-2013 | 3-11-2013–9-11-2013 | 10-11-2013–16-11-2013

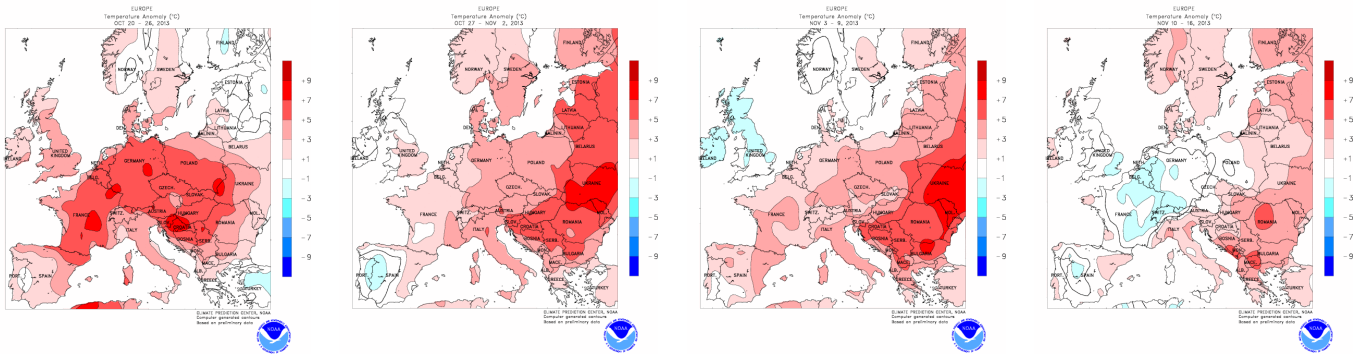
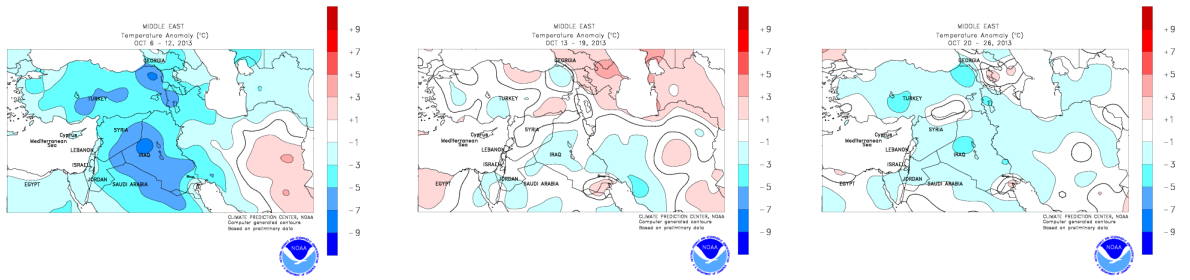


Figure 1. Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

6-10-2013 – 12-10-2013 | 13-10-2013 – 19-10-2013 | 20-10-2013 – 26-10-2013



27-10-2013–2-11-2013 | 3-11-2013–9-11-2013 | 10-11-2013–16-11-2013

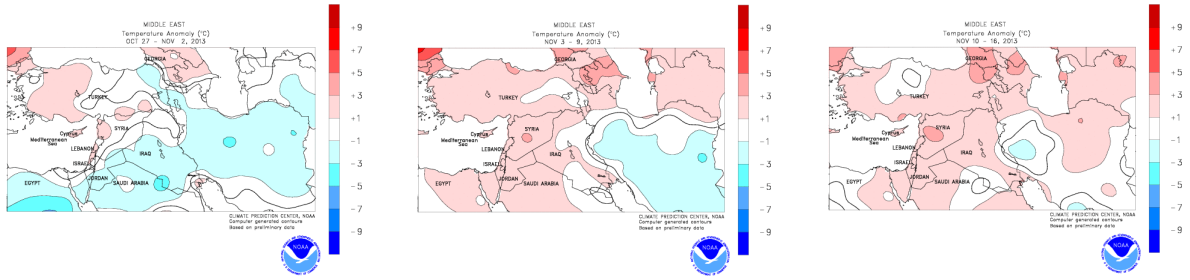


Figure2. Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)

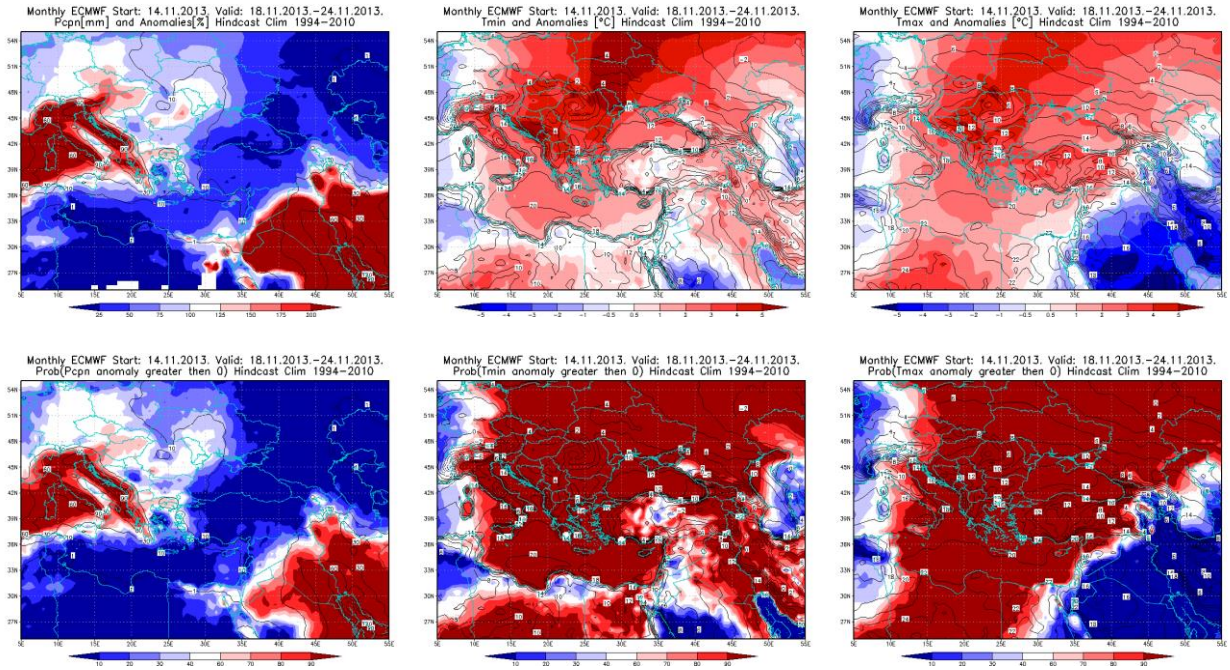


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 18 – 24.11.2013. period

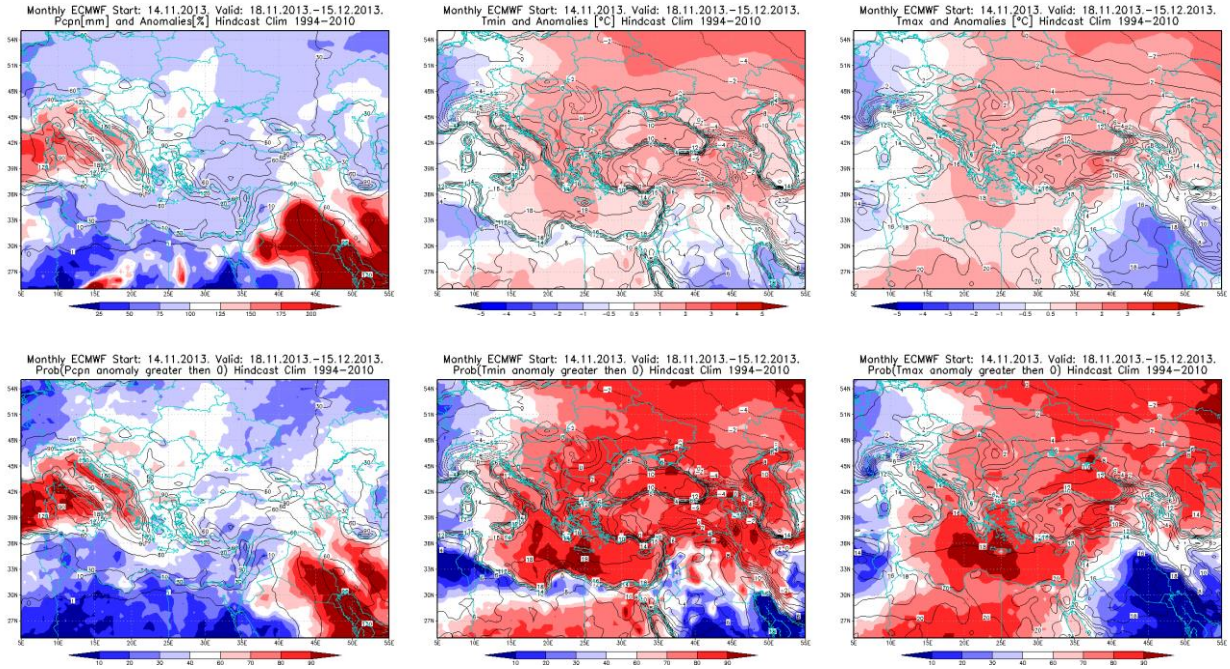


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 18.11 – 15.12.2013. period

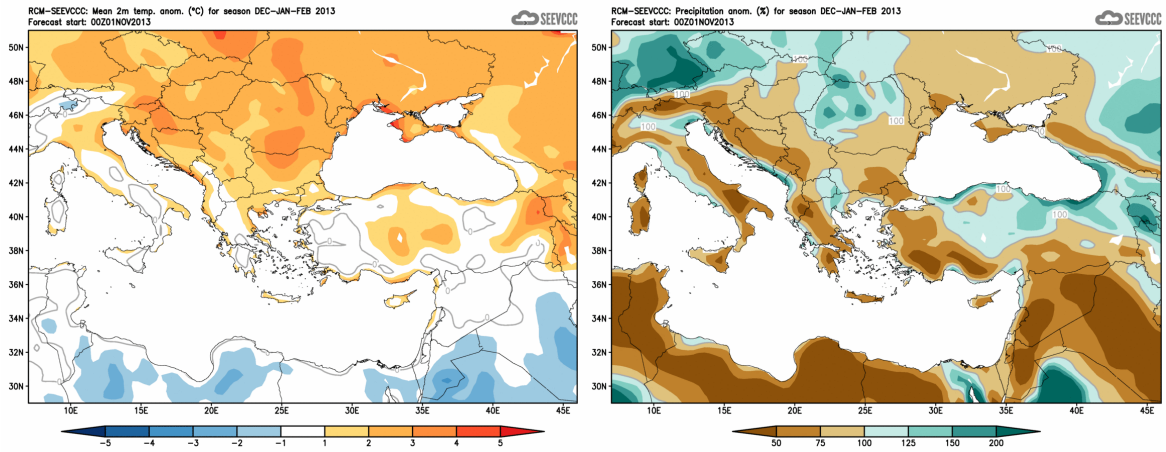


Figure 5. Mean seasonal temperature and precipitation anomaly for the season DJF (seasonal outlook for RCM – SEEVCCC)

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/)