Climate Watch (Serial No.: 20130617 – 00)

Initial/Updated/Final

Topic:		Warning:	0 No particular awareness
Organization issuing the statement:	SEEVCCC		1 Potentially dangerous
			2 Dangerous
Issued/ Amended / Cancelled	17-6-2013 12:00 P.M.		3 Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929		
Valid from – to:	17-6-2013 – 30-6-2013	Next amendment: 24-6-2013	

Region of concern: South-Eastern Europe

„From June 17th to 23th , temperature above normal, with anomaly from +2 °C to +4 °C, is expected in almost whole SEE region. The probability for exceeding upper tercile is around 90%. Precipitation deficit is expected in most part of the region. Precipitation surplus is expected in part of coastal Greece, north and east Turkey. Probability for these events is around 80%. Water level of Danube River will mark decline. Slight rise of water levels on Tisza River and Banat waterways will occur. Water level of Sava River will feature rise upstream, while slight rise downstream. "

Monitoring

During the period from June 09th to 15th, in whole SEE region, temperature above normal 1981-2010[1], with anomaly from +1 °C up to +3 °C was recorded. In most part of Romania and Serbia, Bulgaria, northern Turkey and part of south Caucasus precipitation amount was from 25 mm up to 100 mm. In rest of the region precipitation amount was up to 25 mm.

Water level of Danube River is receding. Tisza River is characterized by stagnation upstream and minor rise and stagnation downstream. Sava River water level was slightly receding and receding.

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

Outlook

Within the first week (June 17th to 23th, 2013), ECMWF mounthly forecast predicts above normal temperature, with anomaly from +2 °C to +4 °C, in almost whole SEE region. The probability for exceeding upper tercile is around 90%. Precipitation deficit is expected in most part of the region. Precipitation surplus is expected in part of coastal Greece, north and east Turkey. Probability for these events is around 80%. Water level of Danube River will mark decline. Slight rise of water levels on Tisza River and Banat waterways will occur. Water level of Sava River will feature rise upstream, while slight rise downstream.

During the second week (June 24th to 30th, 2013) in Turkey, south Caucasus and part of coastal Greece temperature above normal is expected, with anomaly up to 4 ° C. Probability for these events is around 90%. Precipitation deficit is expected in most part of Turkey with probability around 80%. With less confidence in north, east and southeast Serbia, FYR of Macedonia, west Bulgaria and Greece precipitation surplus is expected. Water levels of Danube River will be receding. Water level of Sava River will hold steady. Moderate water level rise is expected on Tisza River and Banat waterways.

During the period from June 17th to July 14th, temperature above normal, with anomaly from +1°C to +3°C is expected in Croatia, north Serbia, Romania, west and east Bulgaria, most part of Greece and Turkey. The probability for exceeding upper tercile is around 80%. Precipitation deficit is expected along Adriatic coast and in most part of Turkey, while surplus is expected along Aegean coast. Probability is around 80%.

During the following three months (July, August, September) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans, except Montenegro and most part of Albania, FYR of Macedonia and Greece. 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, except part of central Romania and south Caucasus and northeastern part of Turkey where precipitation surplus is expected.

Update

An updated statement will be issued on 24-6-2013.

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

ANNEX

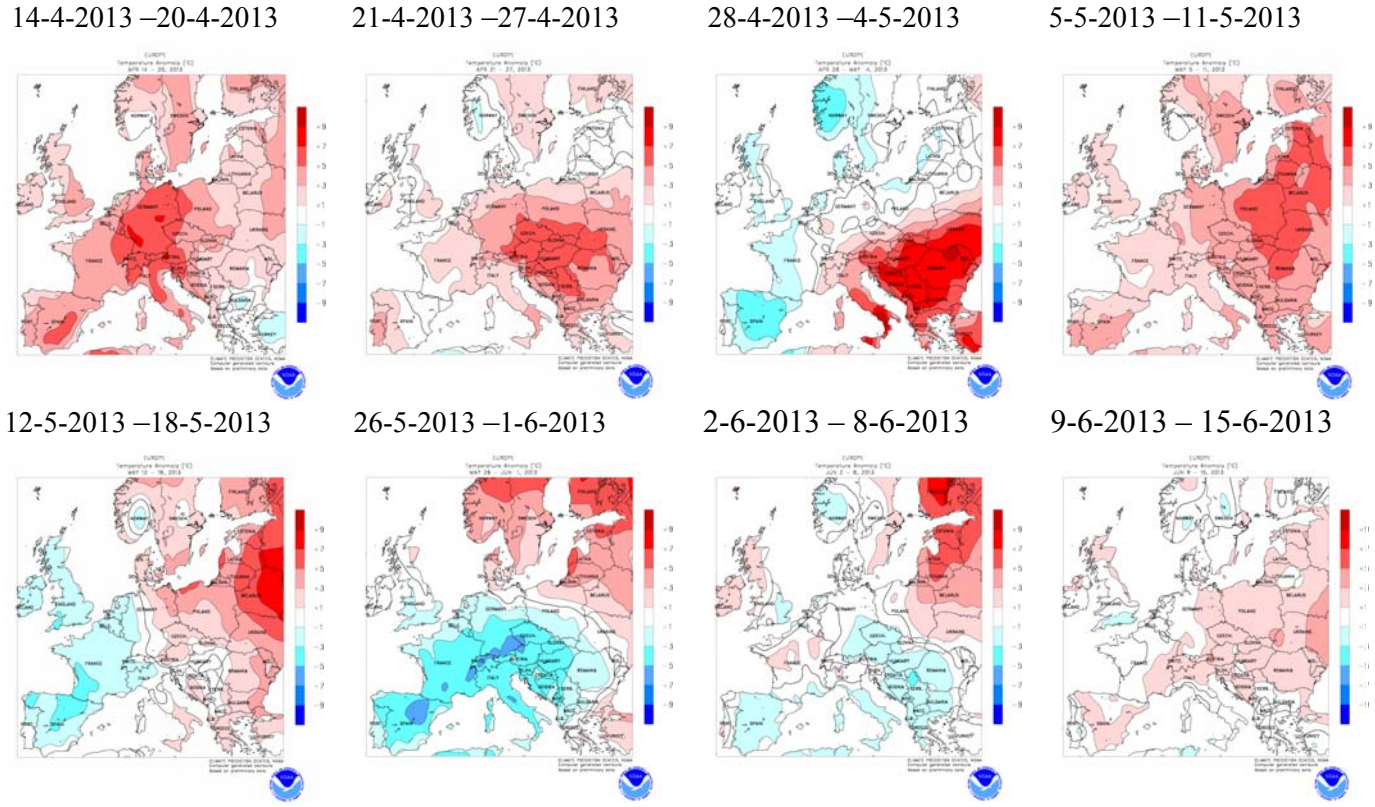

Figure 1. Temperature anomaly for recent weeks (source: Climate Predication Center, USA)

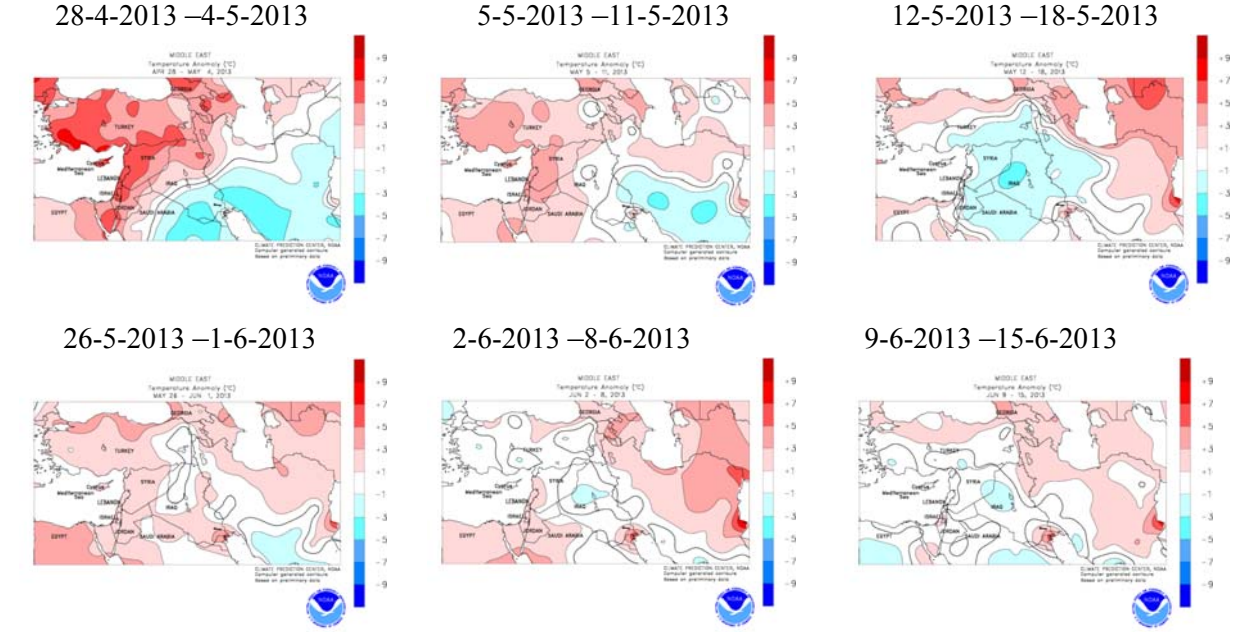

Figure2. Temperature anomaly for recent weeks for Middle East (source: Climate Predication Center, USA

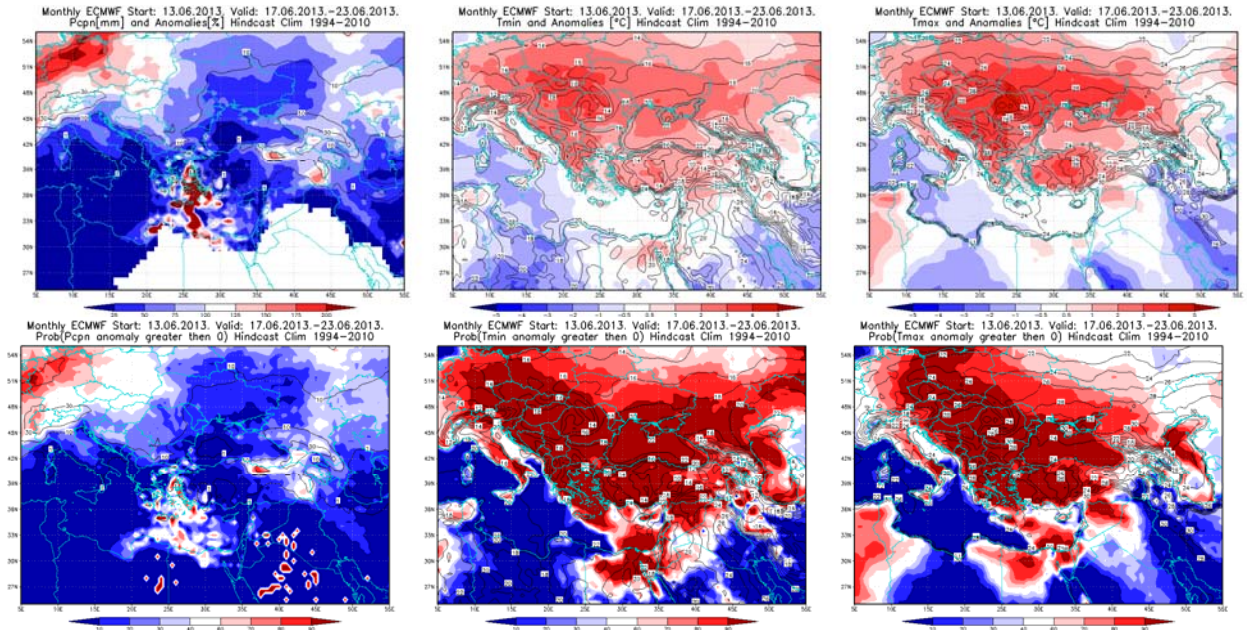

Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 17 –23.6.2013 period

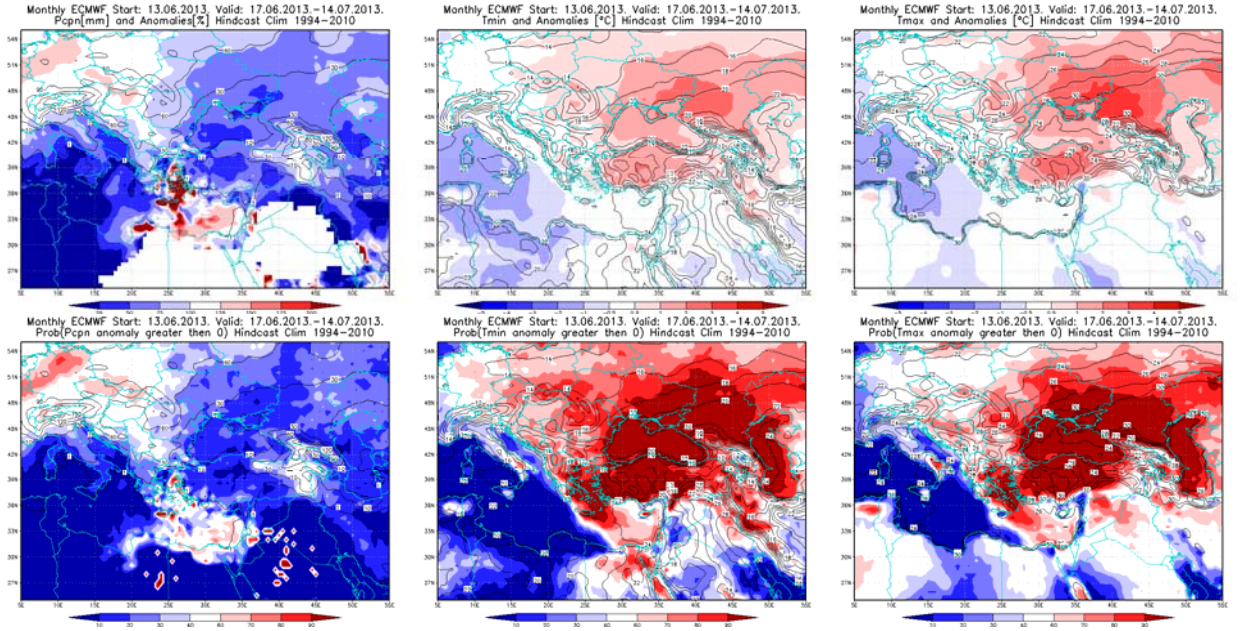

Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 17.6– 14.7.2013 period

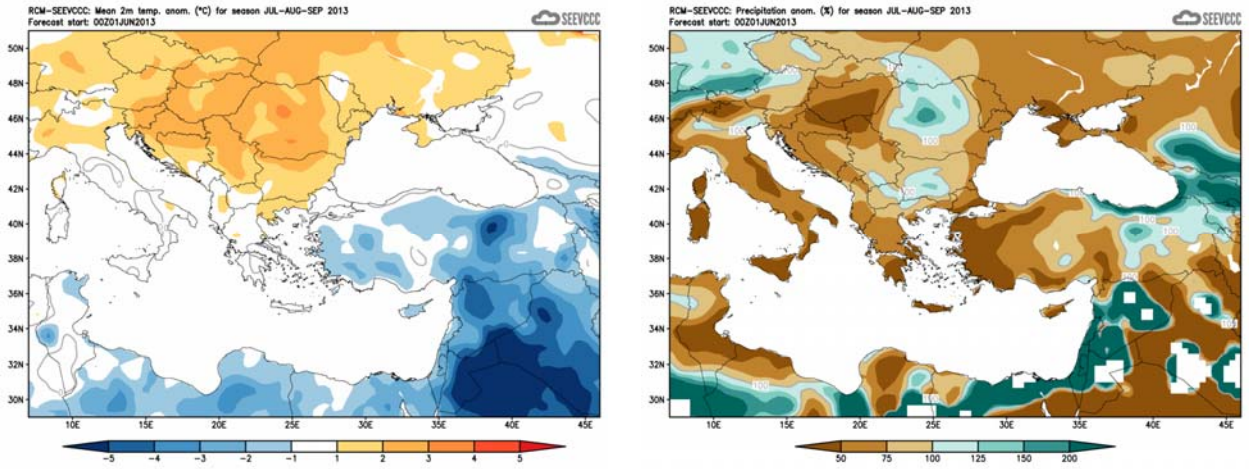

Figure 5. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook for RCM – SEEVCCC)

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/)