

Climate Watch (Serial No.: 20140505 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
<u>Issued/ Amended /</u> Cancelled	5-5-2014 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929			
Valid from – to:	5-5 – 18-5-2014	Next amendment:	12-5-2014	
Region of concern: South-Eastern Europe				

„During next month, precipitation surplus is expected in Greece and most of Turkey. Probability for exceeding upper tercile is around 80%.“

Monitoring

In the period from April 27th to May 3rd, 2014 above normal temperature¹, with anomaly from +1°C up to +3°C was registered in most of Croatia, Bosnia and Herzegovina, Serbia, Moldova, most of Romania, northern Montenegro, most of Turkey. Above normal temperature, with anomaly from +3°C up to +5°C was registered in western Croatia, northwestern Romania and south Caucasus. Weekly precipitation sums ranging from 25 up to 100 mm were registered in Croatia, Bosnia and Herzegovina, most of Serbia, most of Montenegro, FYR of Macedonia and Bulgaria, part of southwestern Albania, part of western and northern Greece, central parts of Romania and part of northwestern and western Turkey.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (May 5th to 11th, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly around -2°C, over most of Balkans and western Turkey. Above normal mean weekly air temperature, with anomaly around +3°C, is forecast in most of Turkey and south Caucasus. Probability for exceeding lower/upper tercile is up to 90%. Precipitation surplus is expected over Balkans and western Turkey. Precipitation deficit is expected over most of Balkans and south Caucasus. Precipitation surplus is expected on costal part of Black Sea and most part of Greece and Turkey. Probability for exceeding upper/lower tercile is around 80%.

During the second week (May 12th to 18th, 2014), below normal mean weekly air temperature, with anomaly up to -2°C, is forecast for most of Balkans and western and southern Turkey with probability for exceeding lower tercile of around 70%. Precipitation surplus is expected in most of Greece and Turkey. Probability for exceeding upper tercile is around 70%.

In the period from May 5th to June 1st 2014, below normal mean monthly air temperature, with anomaly up to -2°C, is forecast for most of Balkans and westernmost Turkey. Above normal temperature, with anomaly around +2°C is expected in central and eastern Turkey and south Caucasus. Probability for exceeding lower/upper tercile is around 70%. Precipitation surplus is expected in Greece and most of Turkey. Probability for exceeding upper tercile is around 80%.

During the following three months (May, June and July) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans. Precipitation deficit is expected in Croatia, part of western Bosnia and Herzegovina, in northern Serbia, in central part of Montenegro and costal parts of Ionian, Aegean, eastern Mediterranean and Black Sea. Precipitation surplus is expected over the Carpathians, Rhodope Mountains, in northeastern Turkey and south Caucasus.

Update

An updated statement will be issued on 12-05-2014.

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

ANNEX

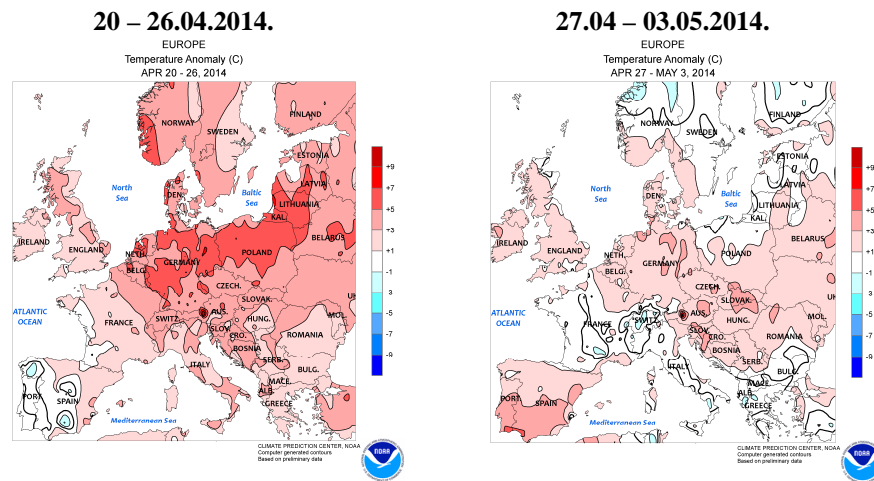


Figure1. Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

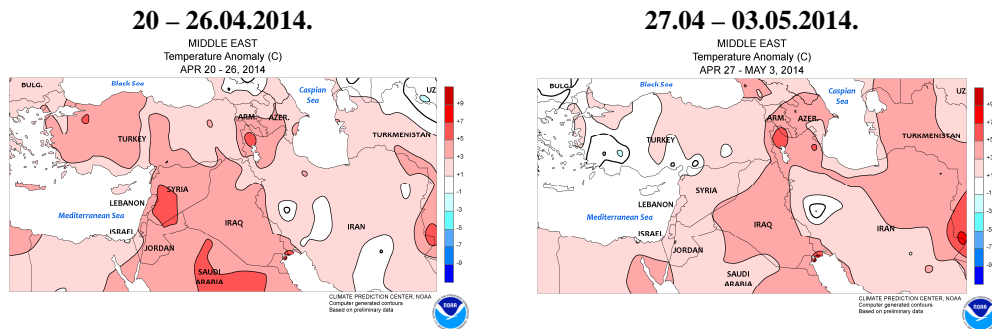


Figure2. Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)

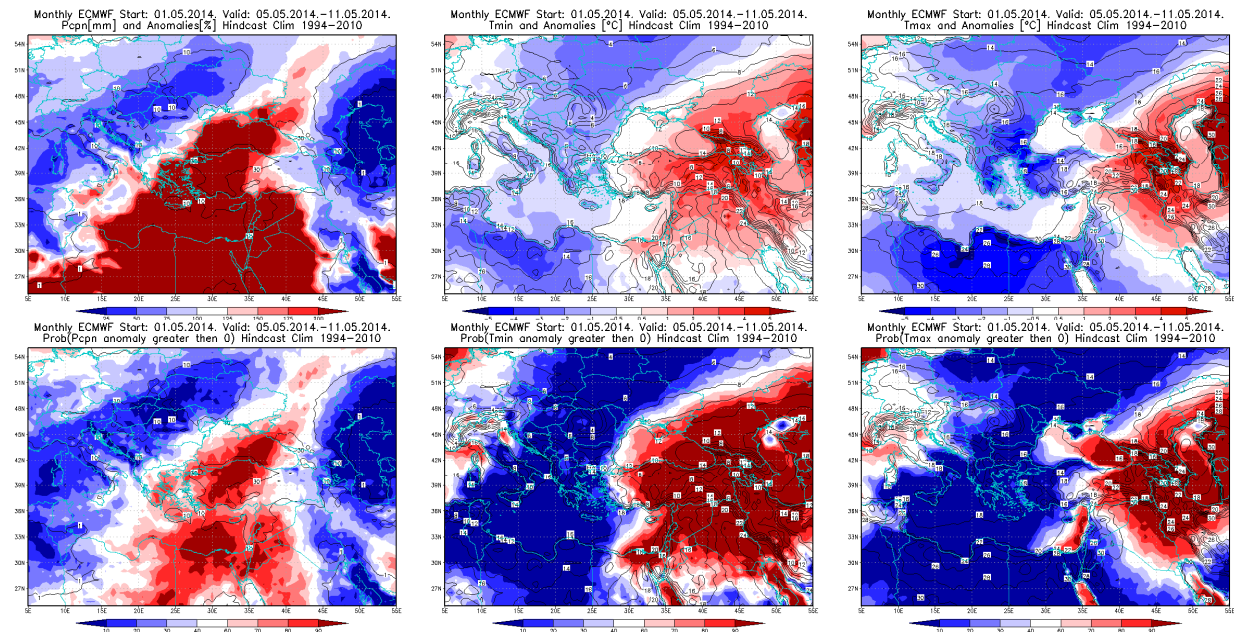


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 5 – 11.05.2014. period

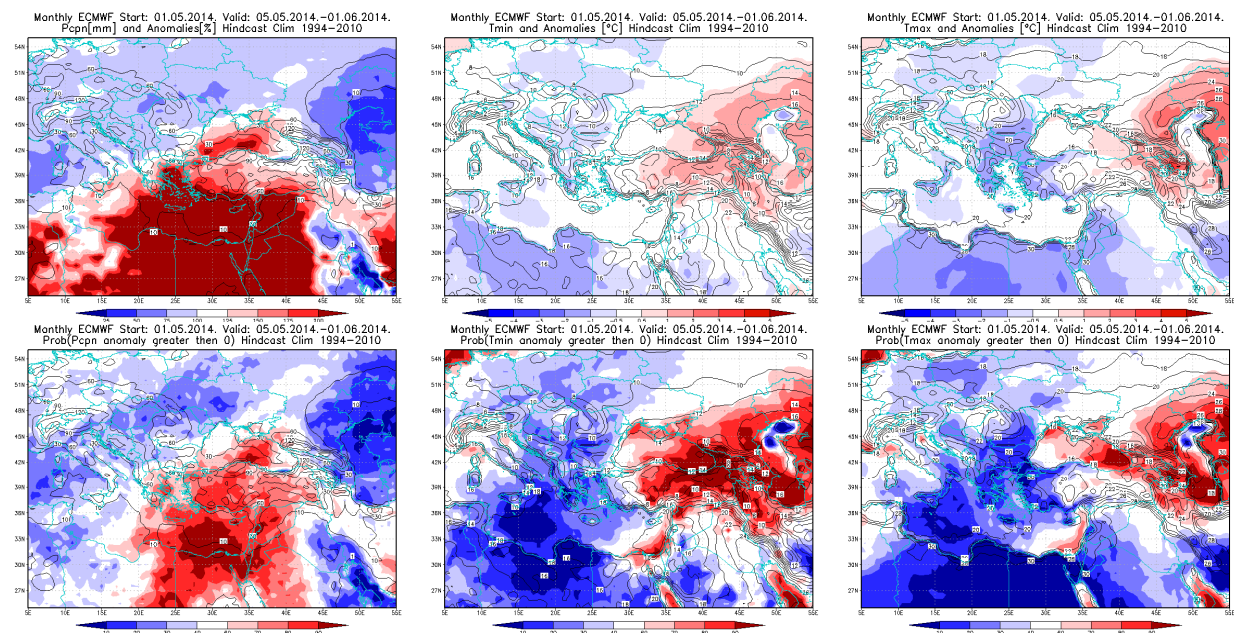


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 5.05 – 1.06.2014. period

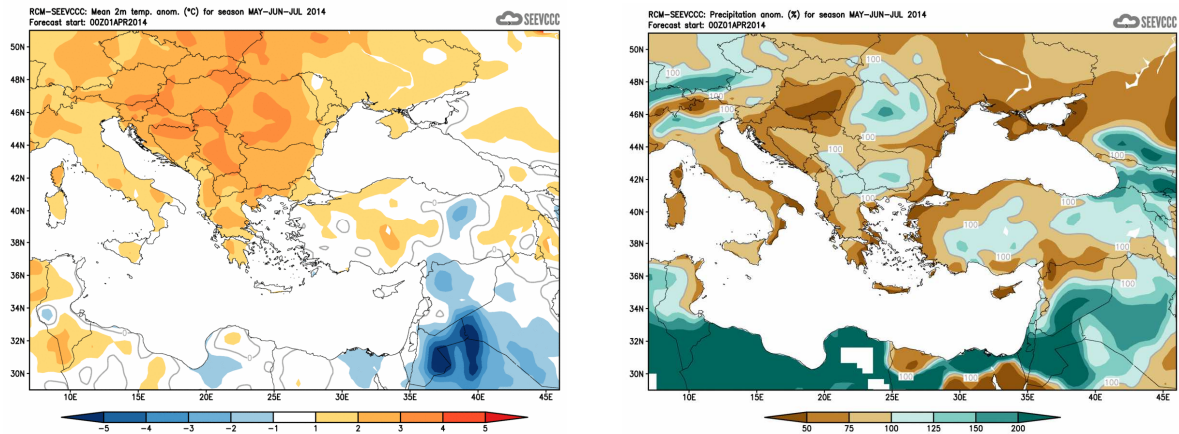


Figure5. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook for RCM – SEEVCCC)

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/>)