

Climate Watch (Serial No.: 20142804 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
<u>Issued/ Amended / Cancelled</u>	28-4-2014 12:00 P.M.		3	Very dangerous
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Valid from – to:	28-4 – 11-5-2014	Next amendment:	5-5-2014	
Region of concern: South-Eastern Europe				

„During next week, precipitation surplus is expected over Balkans and western Turkey. Probability for exceeding upper tercile is up to 90%.“

Monitoring

In the period from April 20th to 26th, 2014 above normal temperature¹, with anomaly from +1°C up to +5°C was registered in SEE region. Weekly precipitation sums ranging from 25 up to 100 mm were registered in most of Serbia, Bosnia and Herzegovina, Croatia, most of FYR of Macedonia, part of eastern Albania, Montenegro, northernmost Greece and part of southeastern Turkey.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (April 28th to May 4th, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly around -2°C over Balkans and above normal mean weekly air temperature, with anomaly around +3°C in 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 in most of Turkey and south Caucasus. Probability for exceeding upper/lower tercile is up to 90%.

During the second week (May 5th to 11th, 2014), above normal mean weekly air temperature, with anomaly up to +3°C is forecast for Turkey and south Caucasus with around 80% probability for exceeding upper tercile. There is no clear signal for precipitation.

In the period from April 28th to May 25th 2014, above normal mean monthly air temperature, with anomaly up to +2°C is forecast for Turkey and south Caucasus with around 80% probability for exceeding upper tercile. Precipitation surplus is expected over Balkans and western Turkey. Precipitation deficit is expected in most of Turkey and south Caucasus. Probability is around 70%.

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 05-05-2014.

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

ANNEX

20 – 26.04.2014.

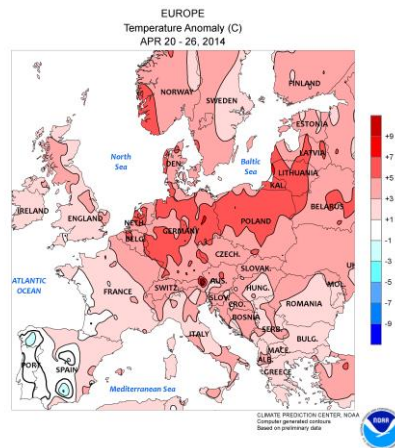


Figure1. Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

20 – 26.04.2014.

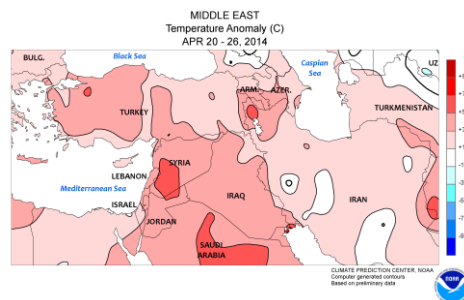


Figure2. Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)

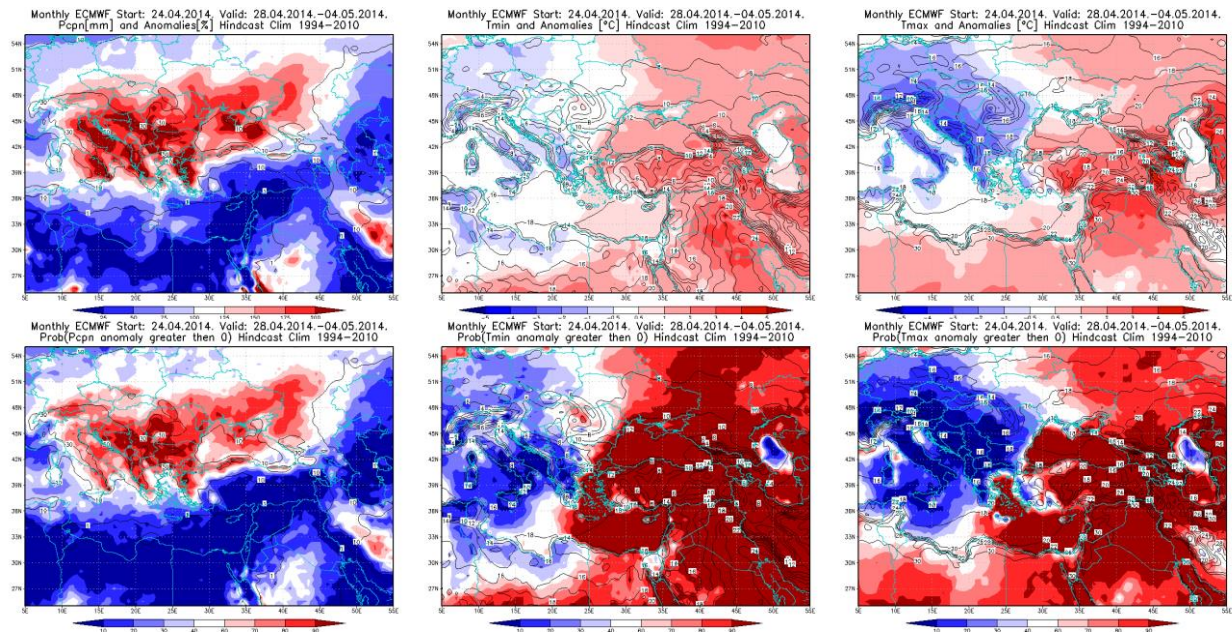


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 28.04 – 04.05.2014. period

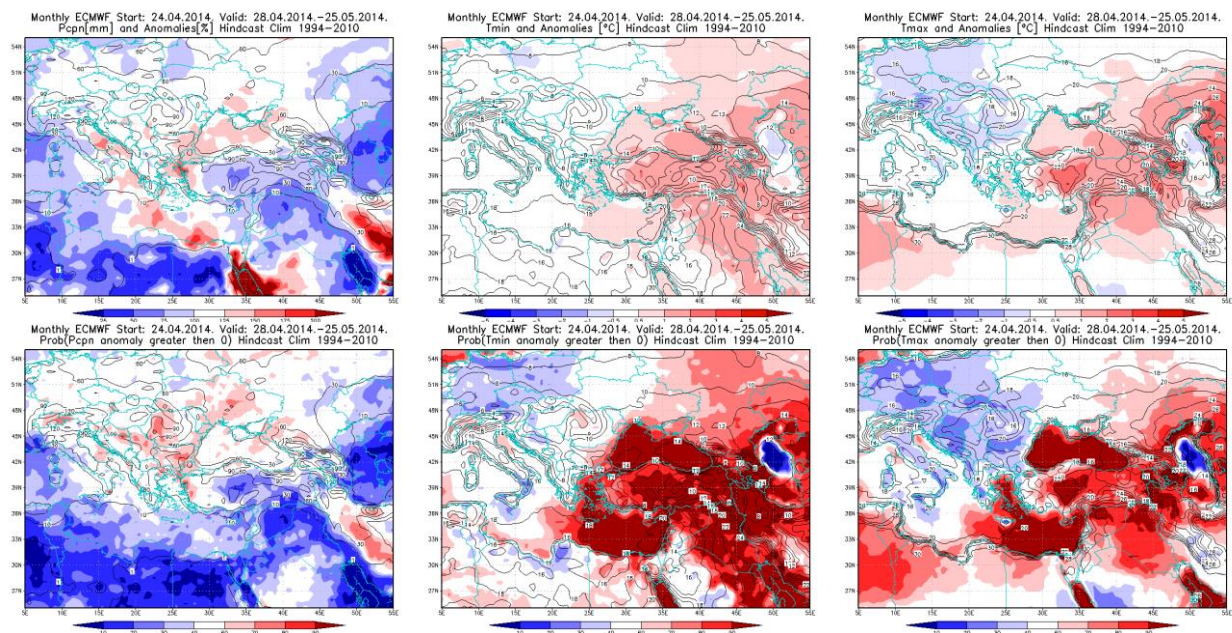


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 28.04 – 25.05.2014. period

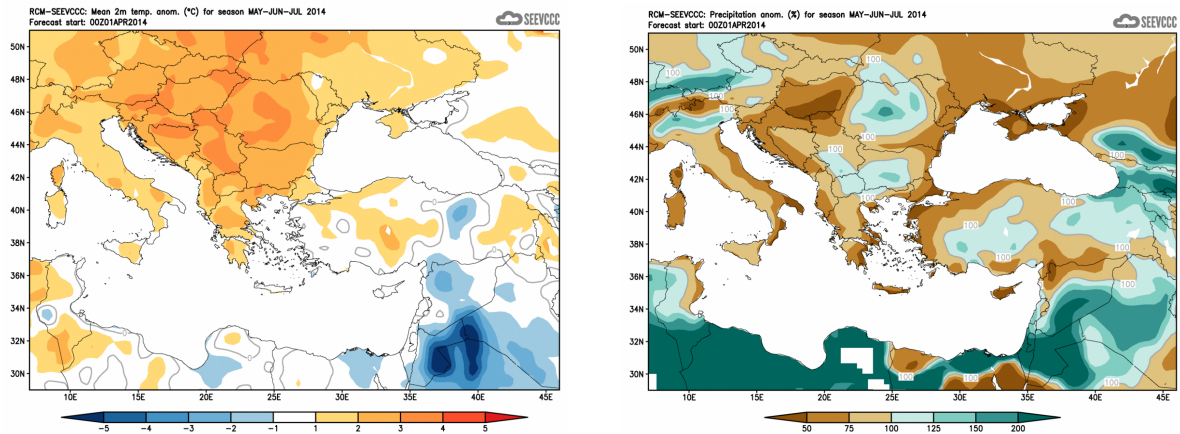


Figure5. Mean seasonal temperature and precipitation anomaly for the season MJJ (seasonal outlook for RCM – SEEVCCC)

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/>)