

Climate Watch (Serial No.: 20140707 – 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>	07-07-2014 12:00 P.M.		3	Very dangerous
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Valid from – to:	07-07 – 20-07-2014	Next amendment:	14-07-2014	
Region of concern: South-Eastern Europe				

„During the next month, precipitation surplus is expected in most part of SEE region. Probability for exceeding upper tercile is around 60%.“

Monitoring

In the period from June 29th to July 5th, 2014 above normal air temperature¹, with anomaly up to +3°C was registered in Turkey and most of south Caucasus. In southern Romania and northern Bulgaria air temperature anomaly up to -3°C was observed. Weekly precipitation sums ranging from 10 up to 50 mm were registered in northern Moldova, most of Romania and Serbia, western and eastern Bosnia and Herzegovina and most of Croatia.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (July 7th to 13th, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +2°C in Moldova, most of Romania, northern Serbia, central FYR Macedonia, central Greece and part of central Turkey. Below normal mean weekly temperature, with anomaly up to -2°C, is expected in southern Romania, eastern Bulgaria, coastal region of Turkey, Greek islands and south Caucasus. Probability for exceeding upper/ lower tercile is up to 80%. Precipitation surplus is expected in eastern Bulgaria, most of FYR Macedonia, northernmost Greece and south Caucasus. Probability for exceeding upper tercile is around 70%.

During the second week (July 14th to 20th, 2014), average mean weekly air temperature is forecasted for SEE region. Precipitation surplus is predicted for most of the region. Probability for exceeding upper tercile is around 60%.

In the period from July 7th to August 3rd 2014, average mean monthly air temperature is forecasted for SEE region. Precipitation surplus is expected in most part of the region. Probability for exceeding upper tercile is around 60%.

During the following three months (July, August and September) SEEVCCC seasonal forecast predicts above normal air temperature over most part of the Balkans, while below normal air temperature is expected over eastern Turkey, Caucasus and Middle-East. Precipitation deficit is expected in most parts of the region. Precipitation surplus is expected over the Carpathians, Caucasus, in central and northeastern Turkey and Middle-East.

Update

An updated statement will be issued on 14-7-2014.

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

ANNEX

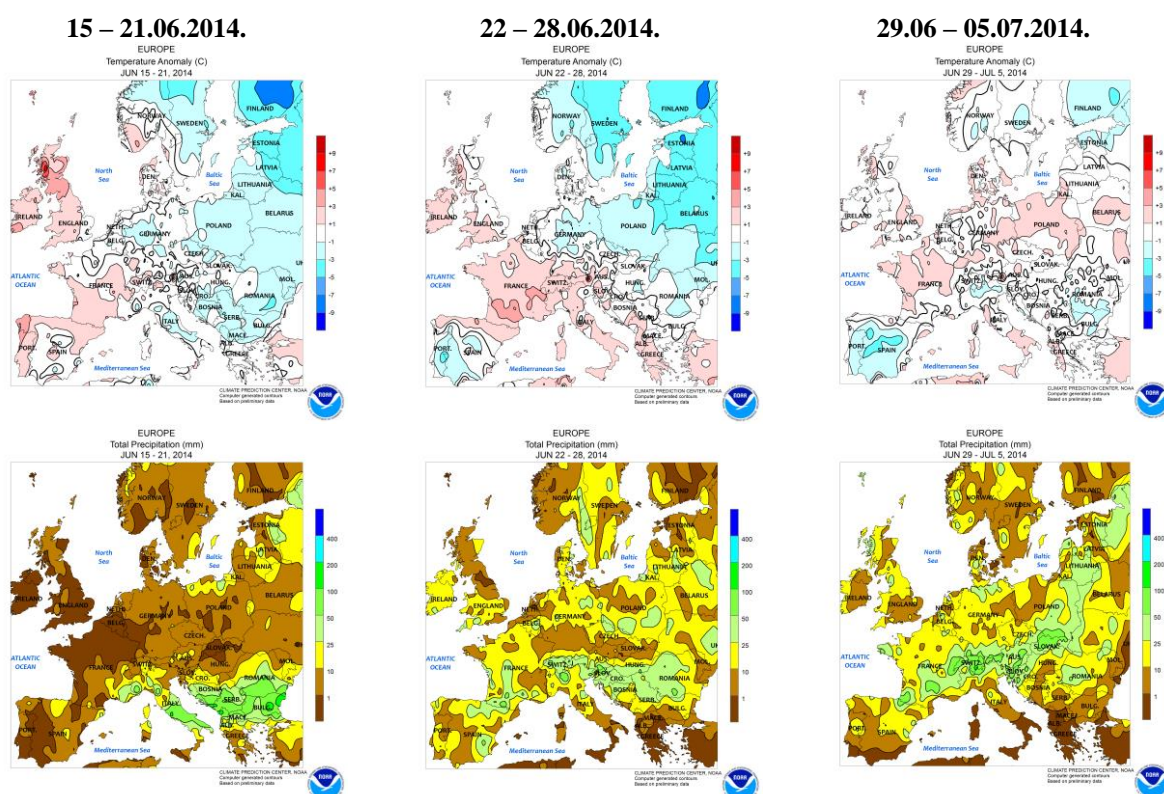


Figure1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

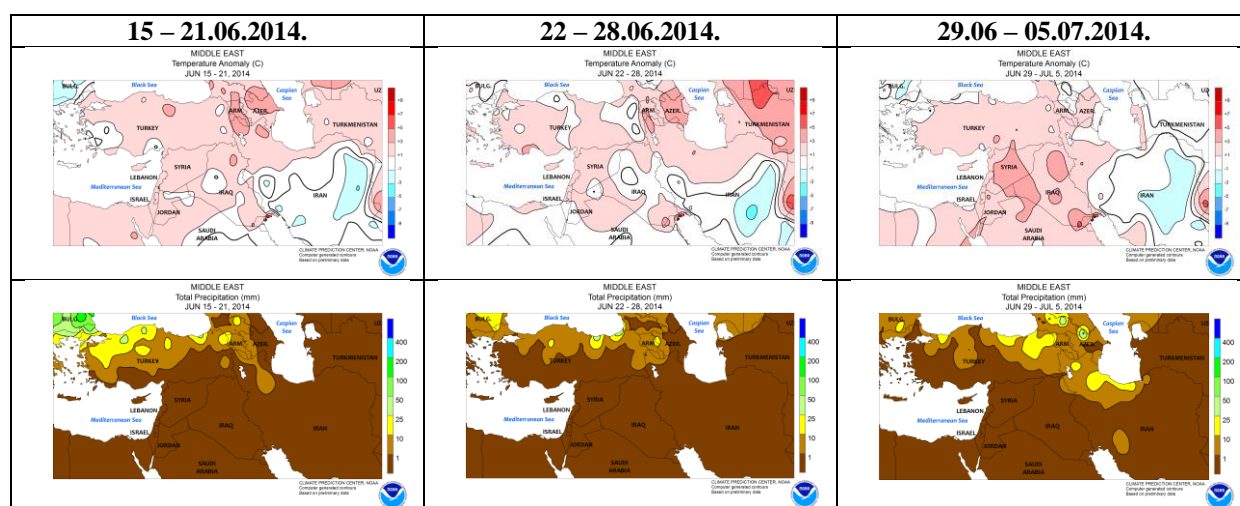


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

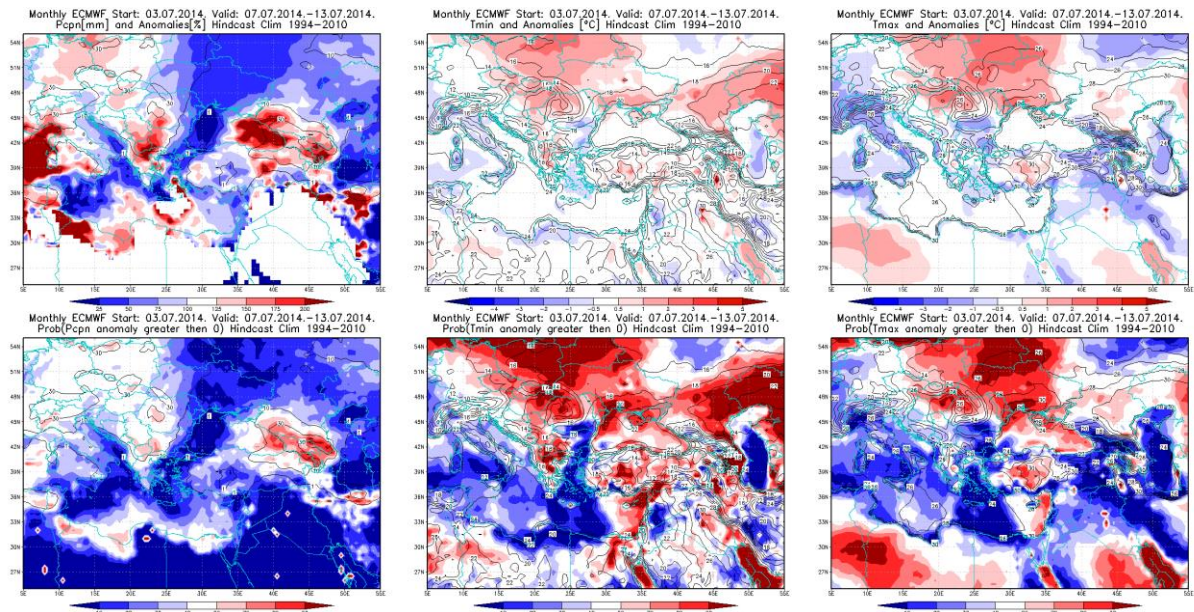


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 7 – 13.7.2014. period

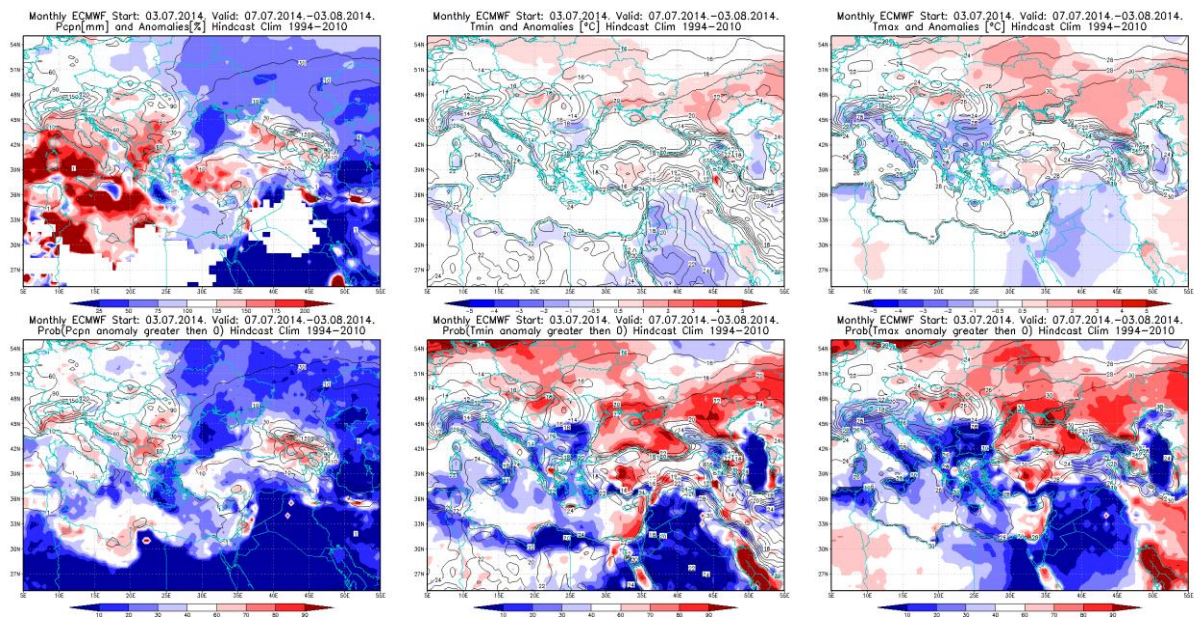


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 7.7 – 3.8.2014. period

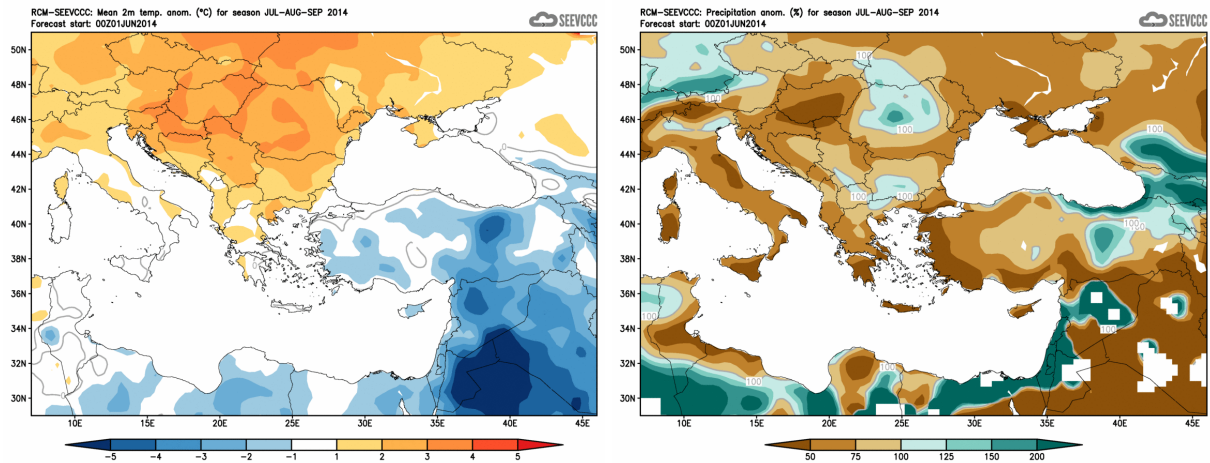


Figure5. Mean seasonal temperature and precipitation anomaly for the season JAS (seasonal outlook from RCM – SEEVCCC)

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/>)