

Climate Watch (Serial No.: 20140602 – 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>	2-6-2014 12:00 P.M.		3	Very dangerous
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Valid from – to:	2-6 – 15-6-2014	Next amendment:	9-6-2014	
Region of concern: South-Eastern Europe				

„During the next month, precipitation surplus is expected over most part of Balkans, northern and western Turkey and part of south Caucasus. Probability for exceeding upper tercile is around 80%.“

Monitoring

In the period from May 25th to 31st, 2014 above normal air temperature¹, with anomaly up to +5°C was registered in most part of Romania, Bulgaria, Moldova, most of Greece, Turkey and in south Caucasus. Weekly precipitation sums from 25 up to 100 mm were registered in most of Romania, Bulgaria, northwestern Greece and south Albania. Precipitation sums up to 25 mm were observed in rest of the region.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (June 2nd to 8th, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly up to -3°C in most part of Balkans and western Turkey. Probability for exceeding lower tercile is up to 90%. Precipitation surplus is expected over most part of Balkans, northern and western Turkey and part of south Caucasus. Precipitation deficit is forecast for Bosnia and Herzegovina and Croatia. Probability for exceeding upper/lower tercile is around 80%.

During the second week (June 9th to 15th, 2014), below normal mean weekly air temperature, with anomaly up to -2°C is predicted for southwesternmost Turkey. Above normal mean weekly air temperature, with anomaly up to +2°C is forecast for Croatia, Bosnia and Herzegovina, northern Serbia, most of Romania, most of Turkey and south Caucasus. Probability for exceeding lower/upper tercile is around 60%. Precipitation surplus is expected in northern and western Turkey, Greece, Bulgaria and western, southwestern and part of central Serbia. Probability for exceeding upper tercile is around 70%.

In the period from June 2nd to 29th 2014, below normal mean monthly air temperature, with anomaly around -2°C is predicted in most of Greece and western Turkey. Probability for exceeding lower tercile is around 80%. Precipitation surplus is expected over most part of Balkans, northern and western Turkey and part of south Caucasus. Probability for exceeding upper tercile is around 80%.

During the following three months (June, July and August) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans. Precipitation deficit is expected in parts of northern and western Balkans, coastal parts of Ionian, Aegean, eastern Mediterranean and Black Sea. Precipitation surplus is expected over the Carpathians, Rhodope Mountains, in central, eastern and northeastern Turkey as well as in south Caucasus.

Update

An updated statement will be issued on 9-6-2014.

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

ANNEX

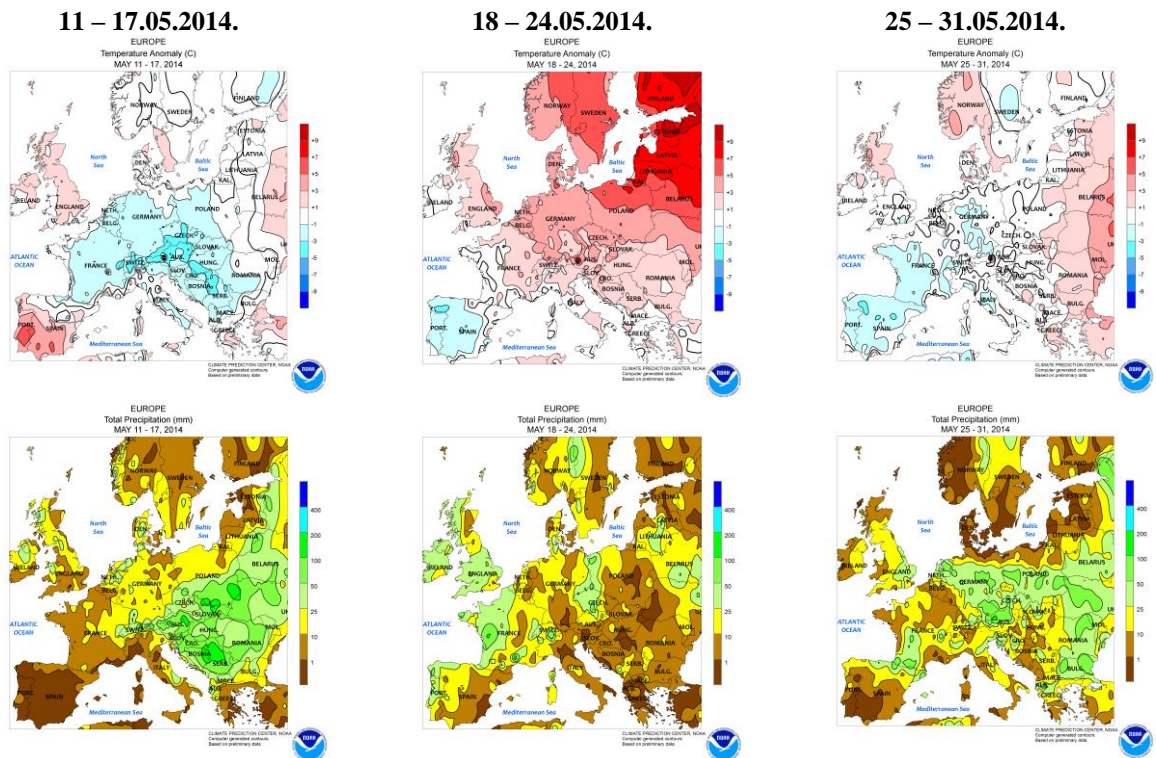


Figure1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

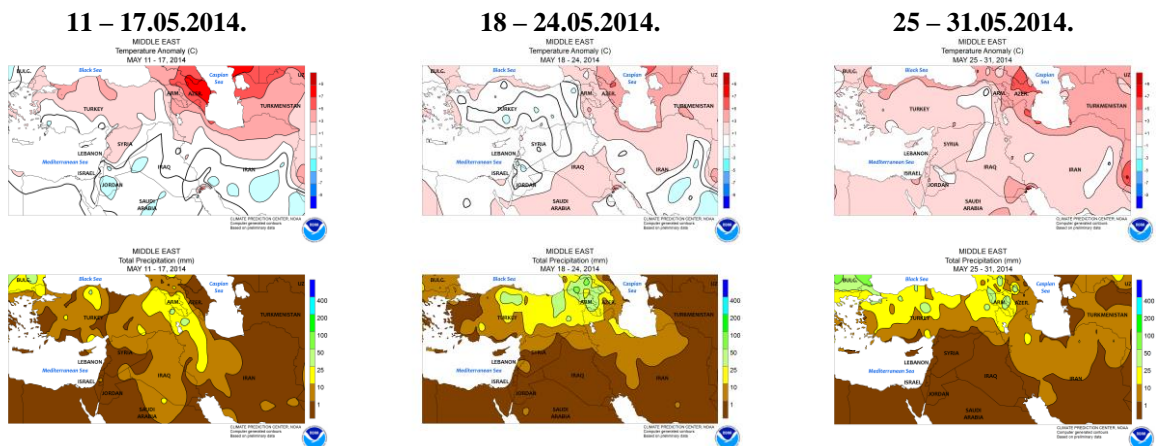


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

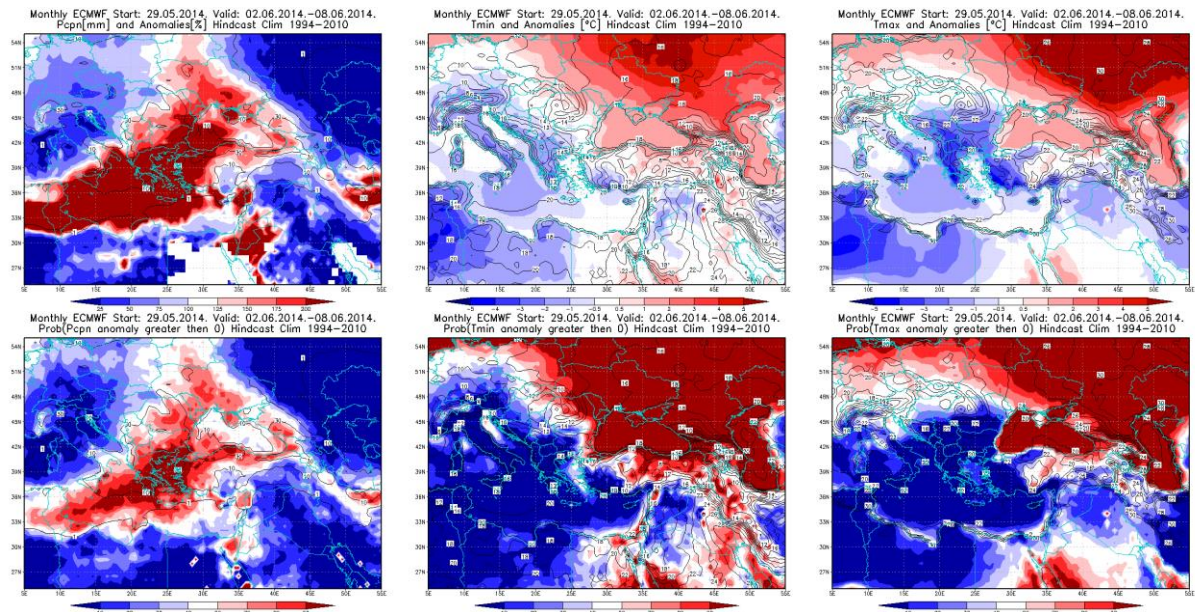


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2 – 8.6.2014. period

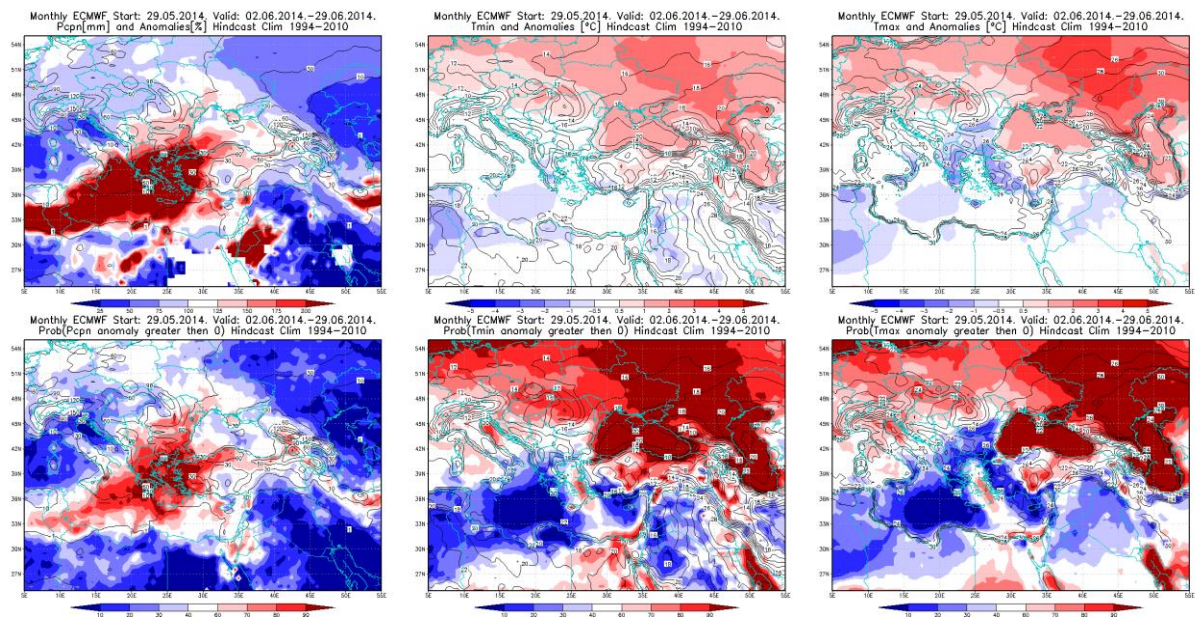


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 2 – 29.6.2014. period

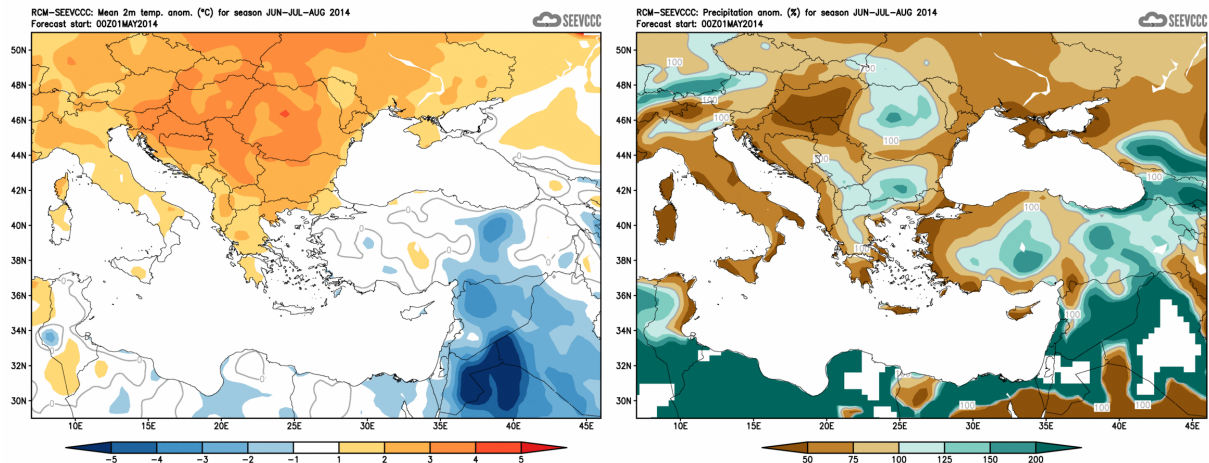


Figure5. Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook for RCM – SEEVCCC)

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/>)