

Climate Watch (Serial No.: 20140526 – 00)

Initial/Updated/Final

Topic:	Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC	1	Potentially dangerous
		2	Dangerous
Issued/ Amended / Cancelled	26-5-2014 12:00 P.M.	3	Very dangerous
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Valid from – to:	26-5 – 8-6-2014	Next amendment:	2-6-2014

Region of concern: South-Eastern Europe

„During the first week (May 26th to June 1st, 2014), precipitation surplus is expected over most part of Balkans and eastern Turkey. Probability for exceeding upper tercile is around 80%. During the next month, precipitation surplus is expected in most part of SEE region with the exception from Aegean Sea, central and northeastern Turkey. Probability for exceeding upper tercile is around 70%.“

Monitoring

In the period from May 18th to May 24th, 2014 above normal air temperature¹, with anomaly up to +3°C was registered in most part of Balkans, northern Turkey and in south Caucasus. Weekly precipitation sums up to 25 mm were registered in western and eastern Serbia, part of south Romania and northwestern Bulgaria, reaching up to 50 mm in Montenegro. Precipitation sums up to 100 mm were observed in some parts of northern and eastern Turkey whereas in south Caucasus they reached even up to 200 mm.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (May 26th to June 1st, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +2°C in most part of Romania, Moldova, eastern Bulgaria, southern Greece and in western and central Turkey. Probability for exceeding upper tercile is around 70%. Temperature below normal is expected along Adriatic coast, eastern Turkey and south Caucasus. Probability for exceeding lower tercile is around 80%. Precipitation surplus is expected over most part of Balkans and eastern Turkey. Probability for exceeding upper tercile is around 80%.

During the second week (June 2nd to 8th, 2014), below normal mean weekly air temperature, with anomaly up to -2°C is predicted for most of Balkans and southern, southeastern and southwestern Turkey, with around 70% probability. Precipitation surplus is expected along south Adriatic, Ionian and Aegean Sea, in the southern, eastern and coastal part of western Turkey. Probability for exceeding upper tercile is around 60%.

In the period from May 26th to June 22nd 2014, below normal mean monthly air temperature, with anomaly around -2°C is predicted along Adriatic and Ionian Sea and in southern Turkey. Probability for exceeding lower tercile is around 80%. Precipitation surplus is expected in most part of SEE region with the exception from Aegean Sea, central and northeastern Turkey. Probability for exceeding the upper tercile is around 70%.

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, costal 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 2-6-2014.

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

ANNEX

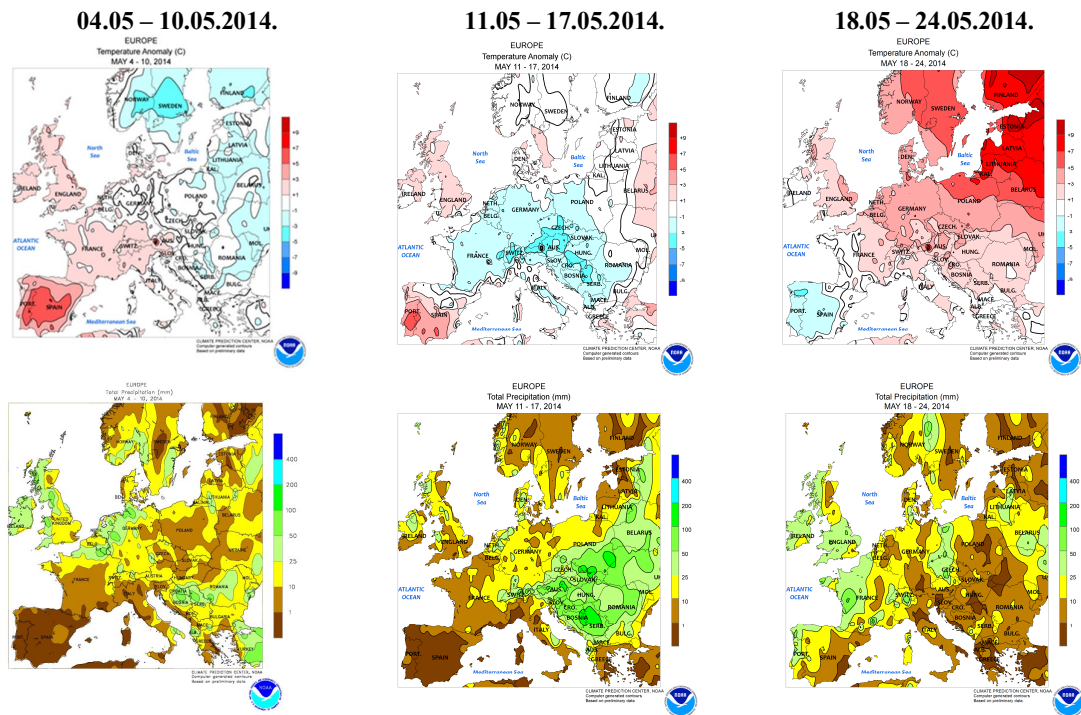


Figure1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

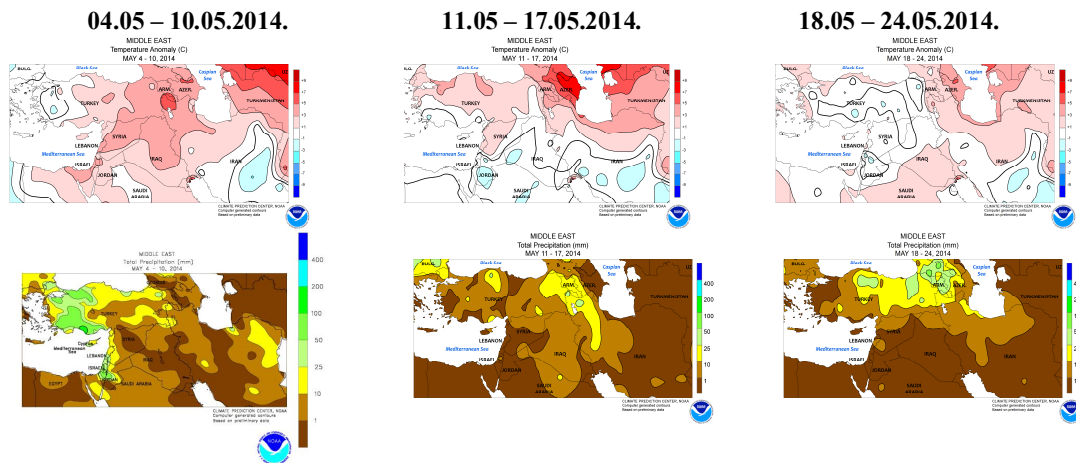


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

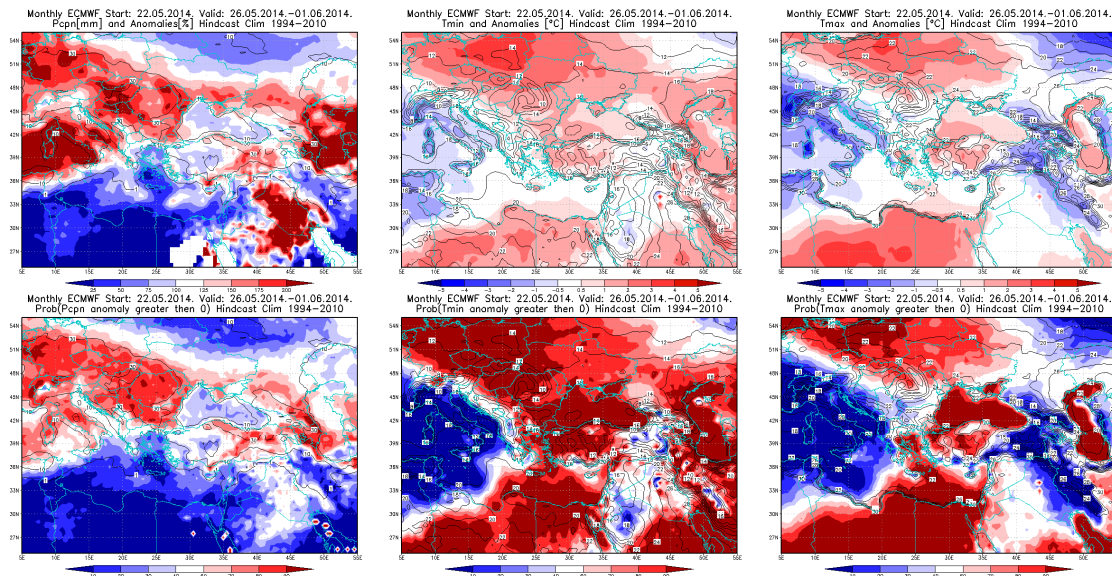


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 26.5 – 1.6.2014. period

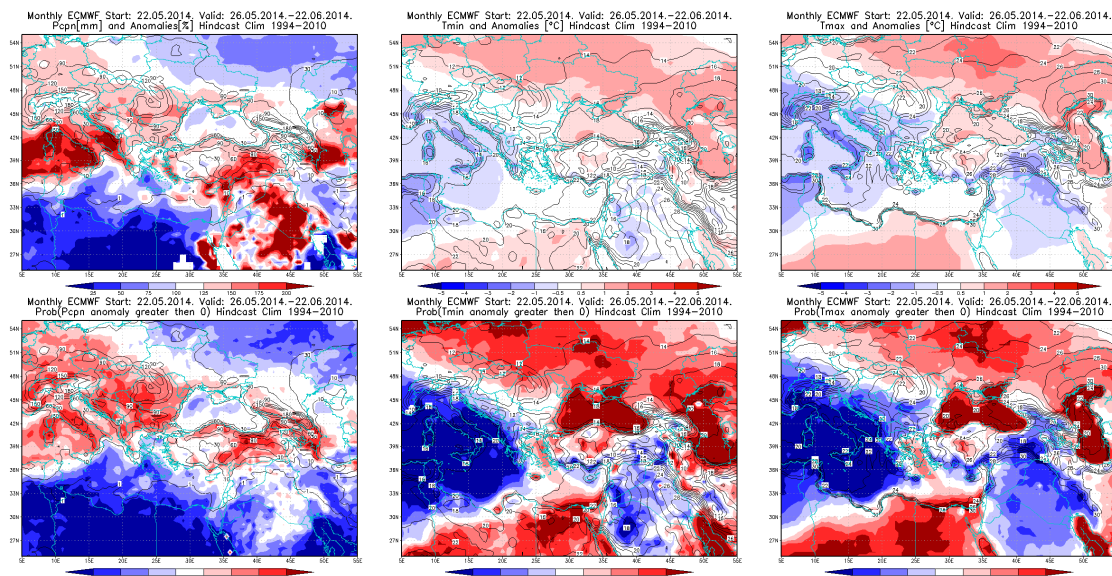


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 26.5 – 22.6.2014. period

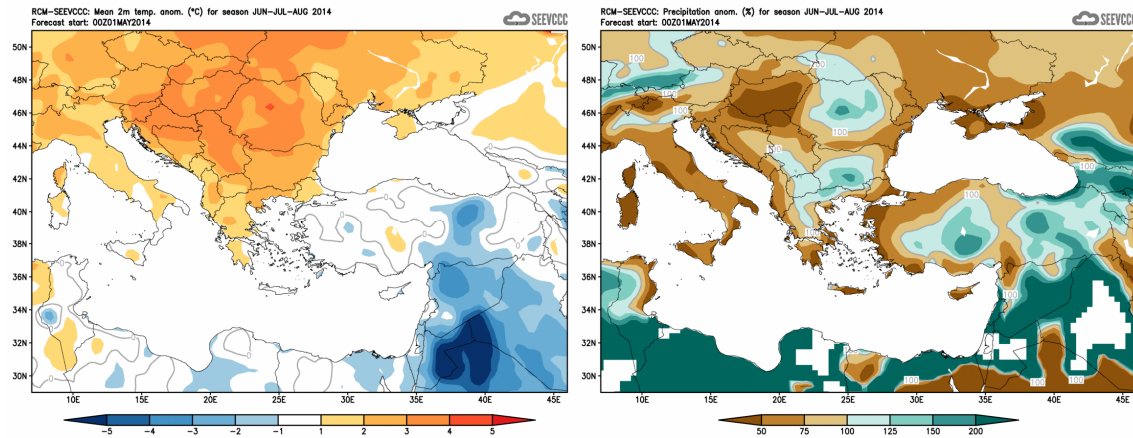


Figure5. Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook for RCM – SEEVCCC)

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/>)