

Topic: **precipitation**

Organization issuing
the statement: SEEVCCC

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Cancelled

Contact: E-mail: cws-seevccc@hidmet.gov.rs
Phone: +381112066925
Fax: +381112066929

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Region of concern: Balkans and Turkey

„In the period from June 13th to July 10th 2016, forecast predicts precipitation surplus over the southwestern and southeastern Balkans, and coastal areas of western and southern Turkey. Probability for exceeding upper tercile is around 80%.

Monitoring

In the period from June 5th to 11th 2016, above normal air temperature¹ was registered in the western Balkans and Middle East with anomaly up to +3°C, in southern parts of Israel and Jordan reaching up to +5°C. Below normal air temperature was recorded in eastern and southern Balkans, most of Turkey and south Caucasus with anomaly up to -3°C. Weekly precipitation sums were mostly below 25 mm aside from some parts of the western and central Balkans, northeastern Turkey, and central south Caucasus.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (June 13th to 19th, 2016), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly up to +3°C in the southern Balkans, central and coastal parts of Turkey, Middle East, as well as coastal part of Georgia. Below normal mean weekly air temperature, with anomaly reaching up to -2°C is forecasted in northwestern Balkans, southeastern Turkey and Azerbaijan. Probability for exceeding upper/lower tercile is up to 90%. Precipitation surplus is expected in the western and eastern Balkans, western and southeastern Turkey, with up to 90% probability for exceeding upper tercile.

During the second week (June 20th to 26th, 2016), above normal mean weekly air temperature is expected in the southern Balkans, Cyprus, Turkey, southern Caucasus and Middle East, with anomaly up to +2°C, and in southern Turkey reaching up to +4°C. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is predicted over the central and southern Balkans, coastal areas of western and southern Turkey. Probability for exceeding lower tercile is up to 60%.

In the period from June 13th to July 10th 2016, above normal mean monthly air temperature is forecasted for the southern Balkans, Cyprus, Turkey, Georgia and Middle East, with anomaly up to +2°C, and in central Turkey reaching up to +3°C.. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is forecasted over the southwestern and southeastern Balkans, coastal areas of western and southern Turkey. Probability for exceeding upper tercile is around 80%.

During the following three months (June, July and August) SEEVCCC seasonal forecast predicts above normal seasonal air temperature over the Balkans, some parts of south Caucasus, central and eastern Turkey. Precipitation surplus is predicted over Carpathian and Rhodope Mountains, northeastern Turkey, as well as south Caucasus. Precipitation deficit is expected over Pannonian plain, Ionian and Aegean Sea, Cyprus, western and southern Turkey.

Update

An updated statement will be issued on 20-6-2016

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

ANNEX

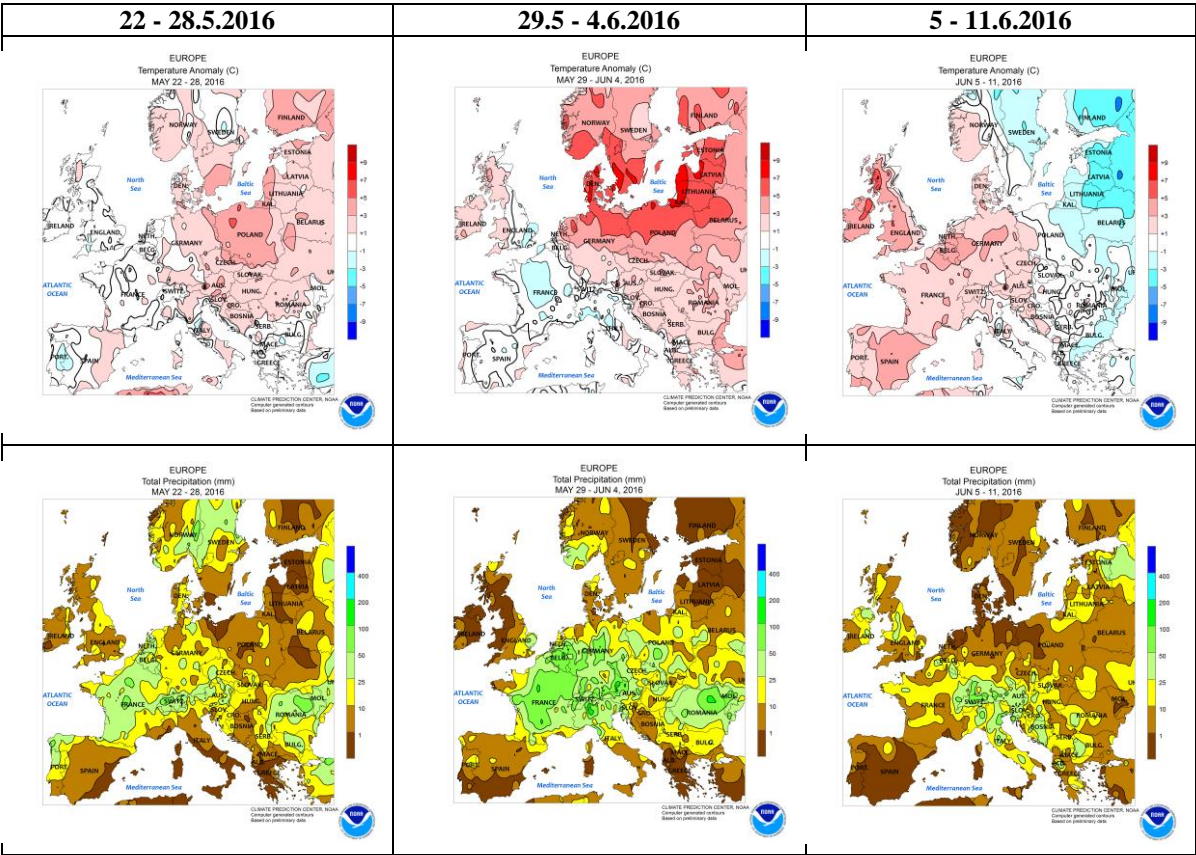


Figure1.Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

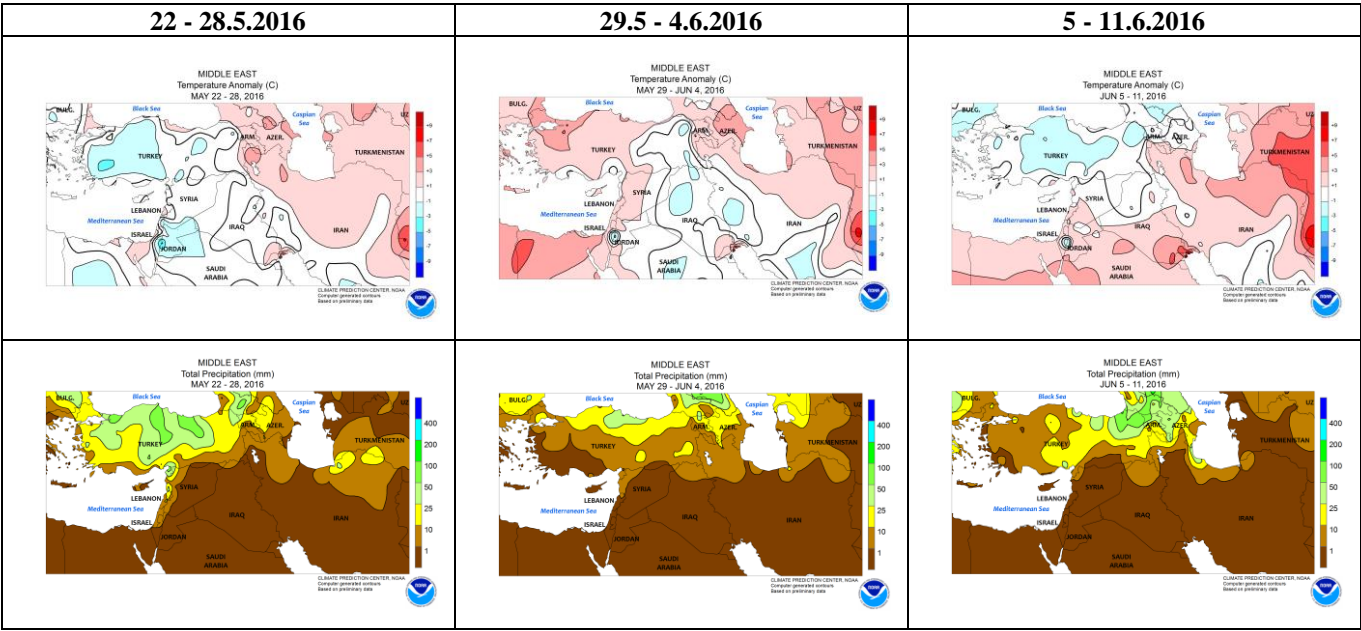


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

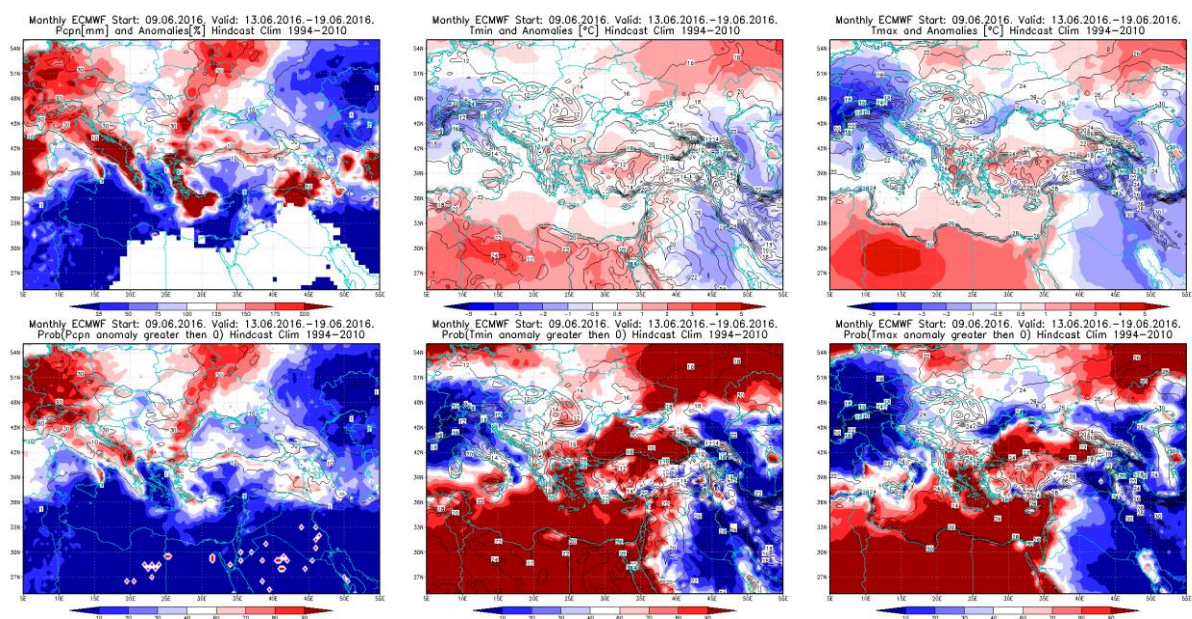


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation 13.6–19.6.2016 period

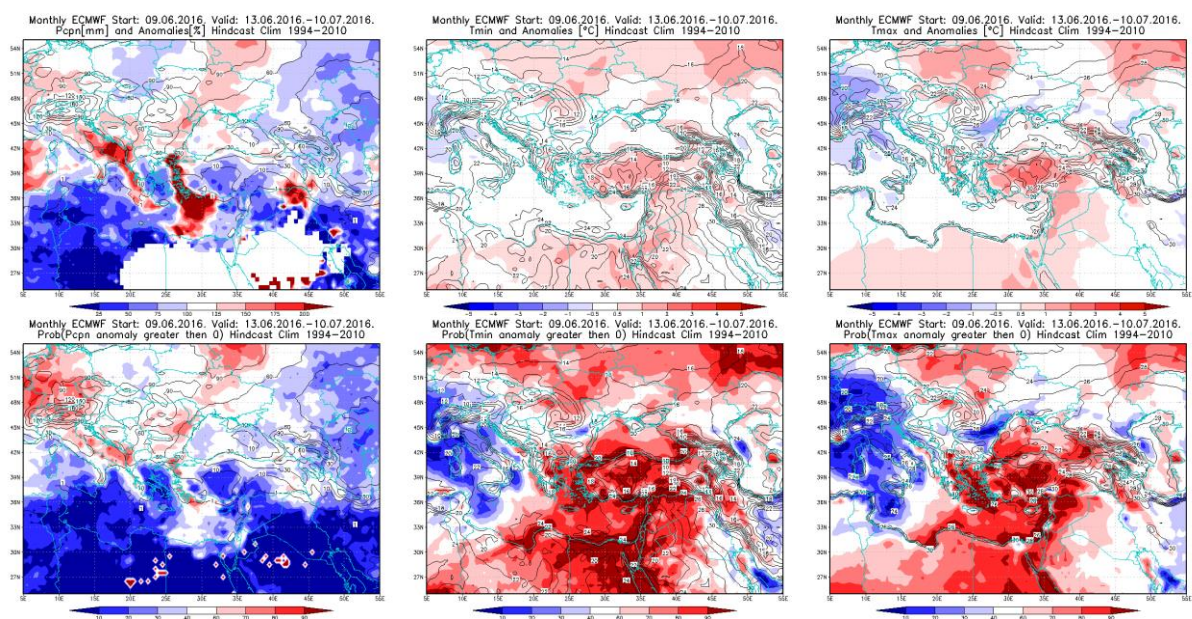


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 13.6–10.7.2016 period

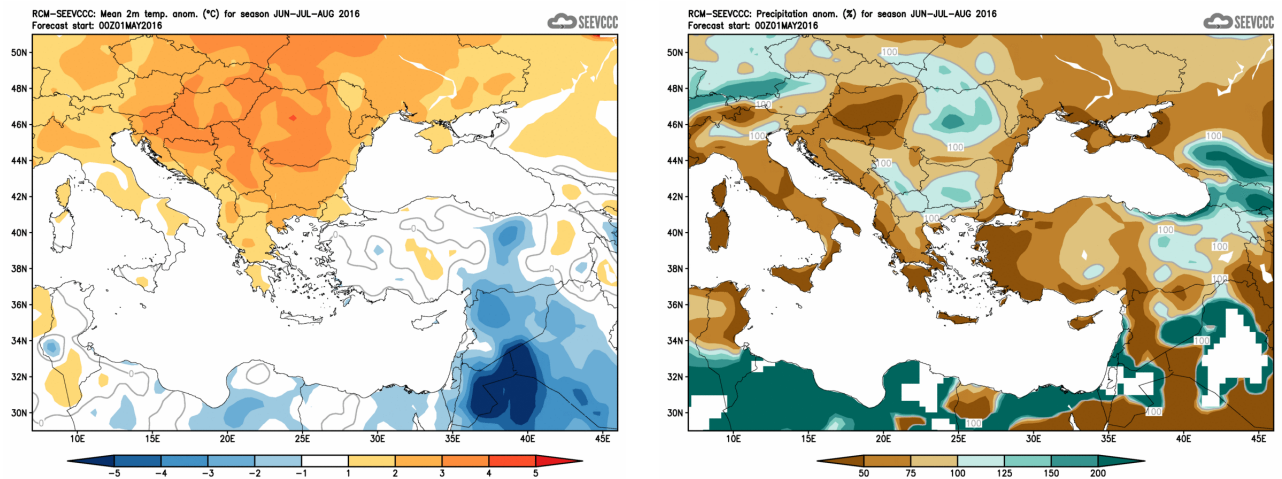


Figure5.Mean seasonal temperature and precipitation anomaly for the season JJA (seasonal outlook from RCM – SEEVCCC)

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/>)