

Climate Watch (Serial No.: 20150727 – 00)

Initial/Updated/Final

Topic: precipitation
Organization issuing the statement: SEEVCCC

Issued/ Amended / Cancelled 27-7-2015 12:00 P.M.

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Valid from – to: 27-7-2015 – 9-8-2015 Next amendment: 3-8-2015

Region of concern: SEE region

„ In the period from July 27th to August 2nd, 2015, above normal mean monthly air temperature is predicted for most part of the SEE region, with anomaly ranging from +2°C to +5°C and around 90% probability for exceeding upper tercile. Precipitation deficit is forecasted for most part of the SEE region with around 70% probability for exceeding lower tercile. “

Monitoring

In the period from July 19th to 25th 2015 above normal air temperature¹ with anomaly up to +7°C was observed over most part of the SEE region. Weekly precipitation sums were below 10 mm in most part of the SEE region.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (July 27th to August 2nd, 2015), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly ranging from +2°C to +5°C in most part of the SEE region with around 90% probability for exceeding upper tercile. Precipitation deficit is forecasted for most part of the SEE region. Precipitation surplus is expected in southwestern Turkey with around 70% probability for exceeding lower/upper tercile.

During the second week (August 3rd to 9th, 2015), above normal mean weekly air temperature, with anomaly up to +3°C, is expected in most part of the SEE region with up to 90% probability for exceeding upper tercile. Precipitation surplus is expected in Albania, most of Greece, Cyprus and southern and central Turkey. Precipitation deficit is forecasted for Ukraine, Moldova, south Caucasus, eastern and western Balkans and over Adriatic with around 70% probability for exceeding upper/lower tercile.

In the period from July 27th to August 23rd, 2015, above normal mean monthly air temperature is predicted for most part of the SEE region, with anomaly up to +3°C and with up to 90% probability for exceeding upper tercile. Monthly precipitation surplus is expected in southern and central Turkey. Precipitation deficit is forecasted for most of the Balkans, Aegean Sea, southern Moldova, southern Romania and south Caucasus. Probability for exceeding upper/lower tercile is around 70%.

During the following three months (August, September and October) SEEVCCC seasonal forecast predicts above normal seasonal air temperature in northern and central part of the Balkans. Below normal seasonal air temperature is expected in most part of Turkey and Armenia. Precipitation surplus is predicted in mountainous regions of central Romania, southern Bulgaria, northern Greece, most of Turkey and south Caucasus, while precipitation deficit is expected over most part of the Balkans.

Update

An updated statement will be issued on 3-8-2015

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

ANNEX

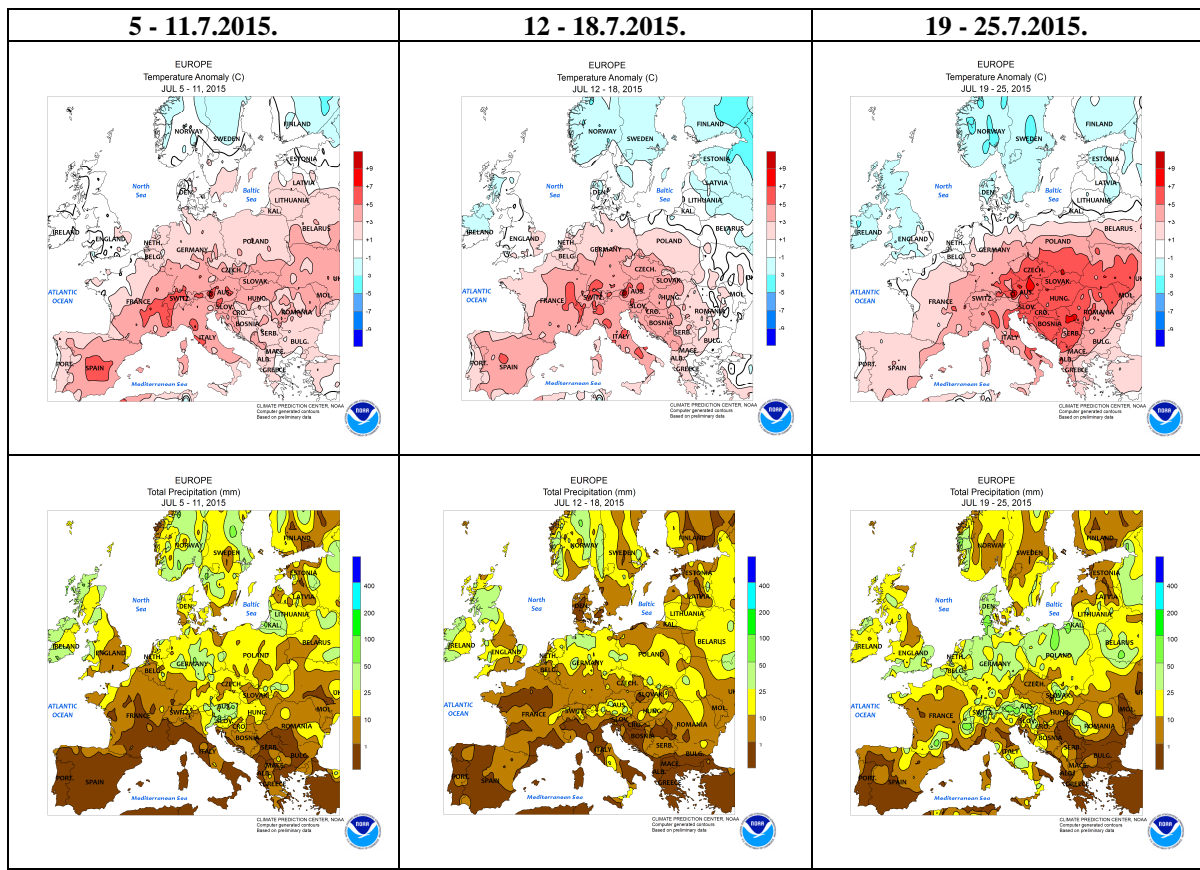


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

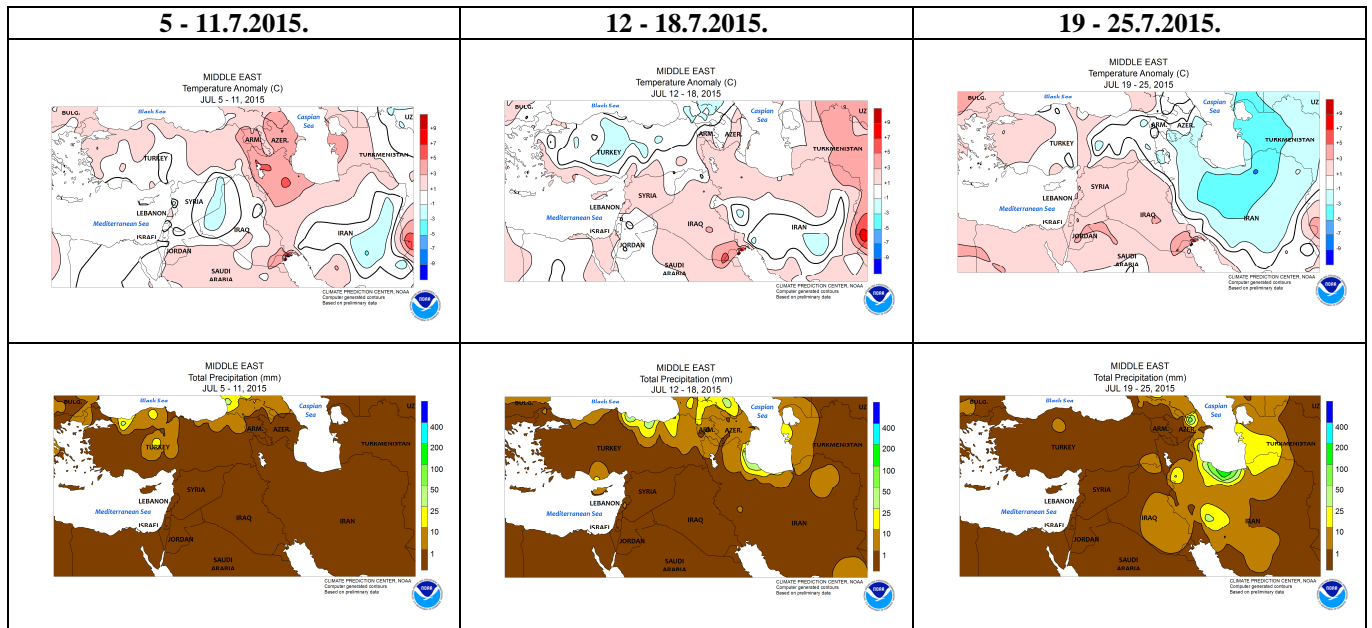


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

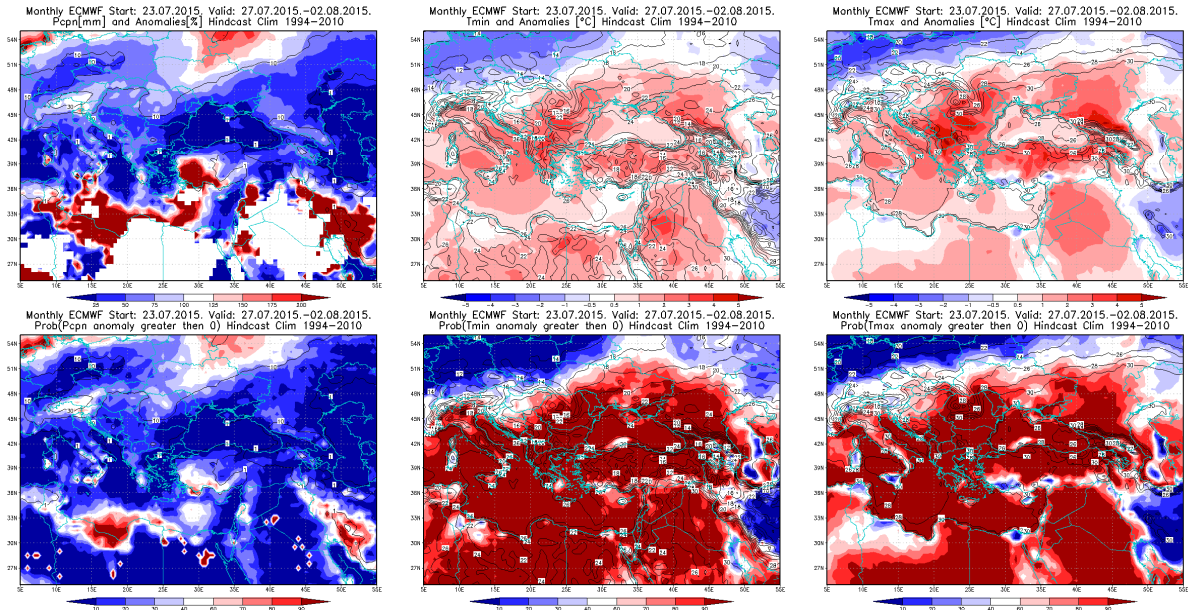


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 27.7 – 2.8.2015 period

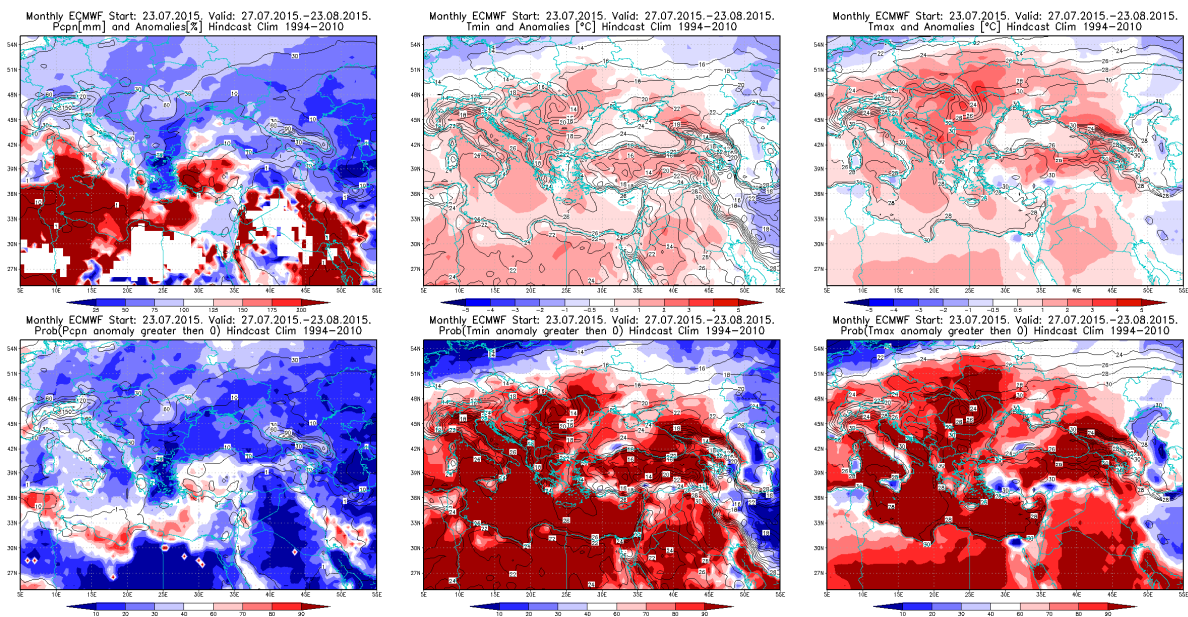


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 27.7 – 23.8.2015 period

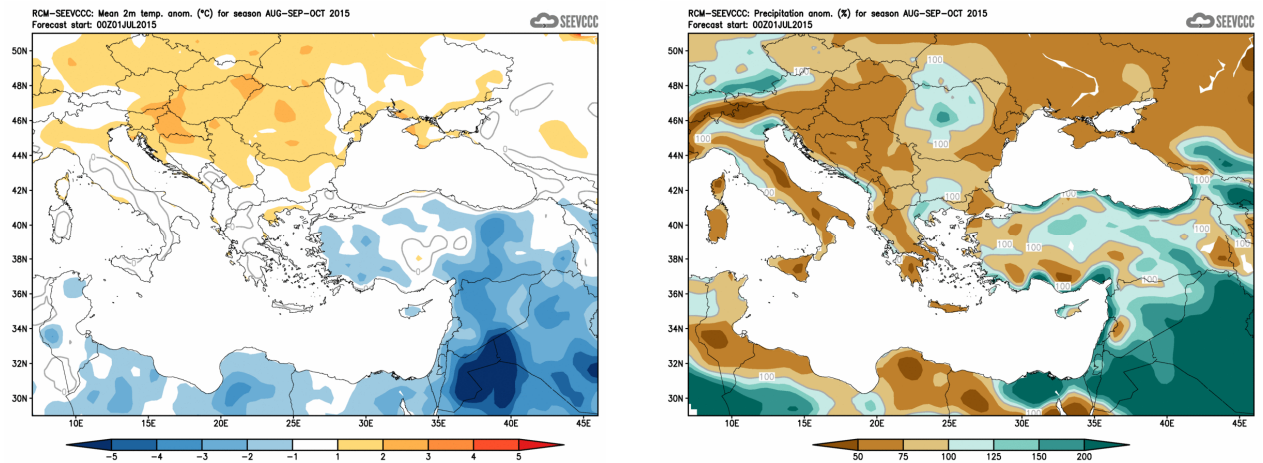


Figure 5. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

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/>)