## Climate Watch (Serial No.: 20150720 – 00)

Initial/Updated/Final

Topic: precipitation

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| Organization issuing the statement: | SEEVCCC |
| Issued/ Amended / Cancelled | 20-7-2015 12:00 P.M. |
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| Valid from – to: | 20-7-2015 – 2-8-2015 Next amendment: 27-7-2015 |

Region of concern: Balkans, Turkey

**„ In the period from July 20th to 26th, 2015, above normal mean monthly air temperature is predicted for most part of the Balkans, with anomaly ranging from +2°C to +6°C. Probability for exceeding upper tercile is around 90%. Precipitation deficit is forecasted for eastern Balkans and northern Turkey. Probability for exceeding lower tercile is up to 80%. "**

### Monitoring

In the period from July 12th to 18th 2015 above normal air temperature[1] with anomaly up to +5°C was observed over west part of the Balkans. In central Turkey, below normal air temperature was observed, with anomaly up to -3°C. Weekly precipitation sums were below 15 mm in most part of the SEE region.

[1] Reference climatological period is the 1981-2010 period

**Outlook**

Within the first week (July 20th to 26th, 2015), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly ranging from +2°C to +6°C in most part of the Balkans. Probability for exceeding upper tercile is around 90%. Precipitation deficit is forecasted for eastern Balkans and northern Turkey. Probability for exceeding lower tercile is up to 80%.

During the second week (July 27th to August 2nd, 2015), above normal mean weekly air temperature, with anomaly up to +3°C, is expected in most part of the SEE region. Probability for exceeding upper tercile is around 80%. Precipitation surplus is expected over Adriatic and southern Balkans with 60% probability for exceeding upper tercile, while in most part of Turkey surplus is expected with around 80% probability.

In the period from July 20th to August 16th, 2015, above normal mean monthly air temperature is predicted for most part of the SEE region, with anomaly up to +3°C. Probability for exceeding upper tercile is around 80%. Monthly precipitation surplus is expected for western Greece, most part of Albania and Turkey with around 80% probability for exceeding upper tercile.

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 27-7-2015

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

## ANNEX

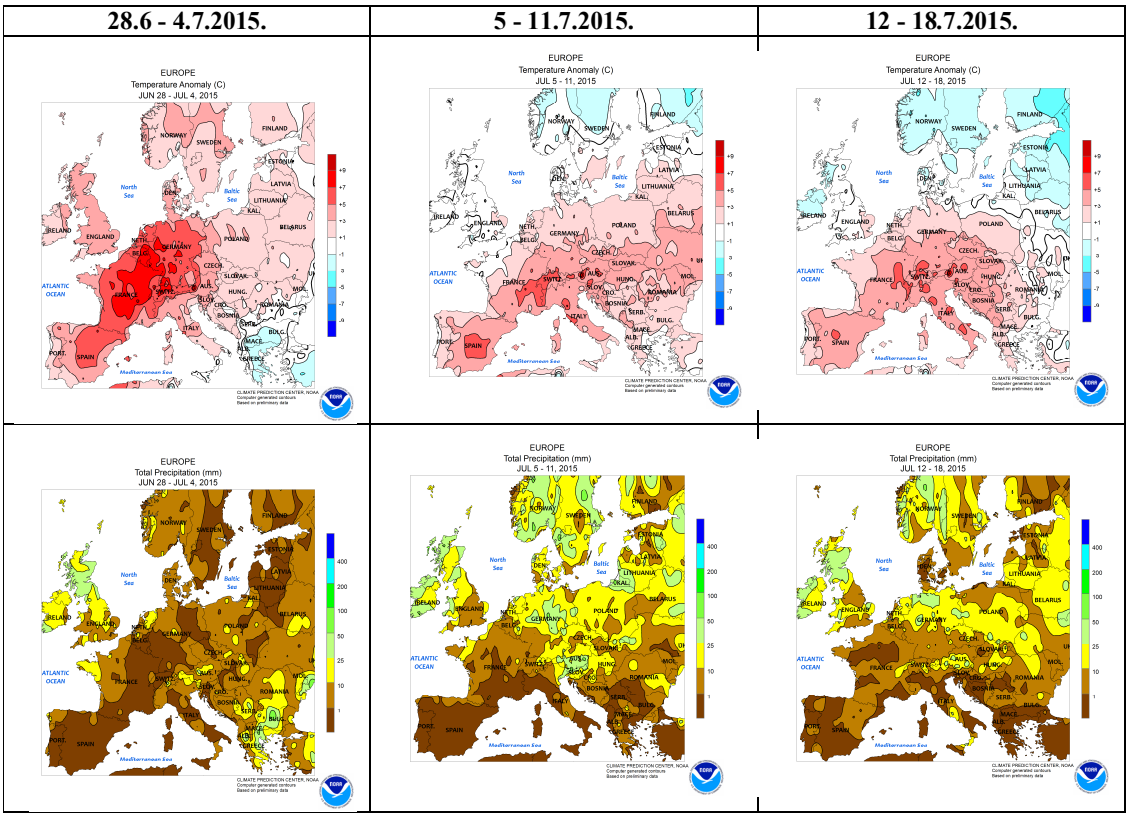


**Figure 1.** Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

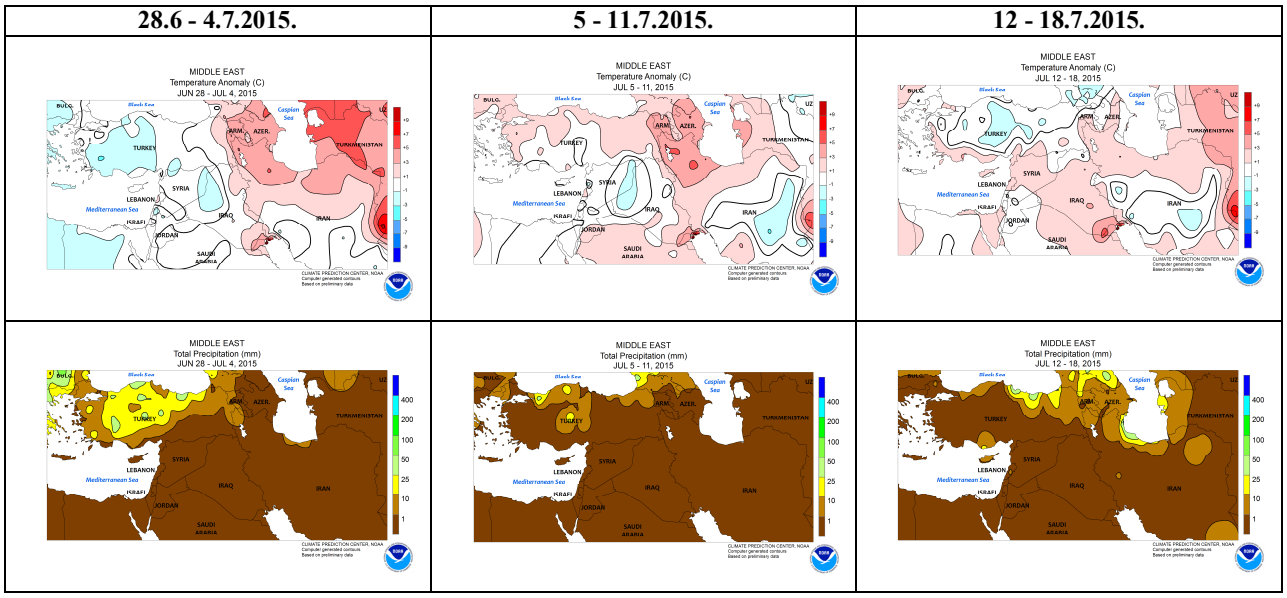


**Figure 2.** Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

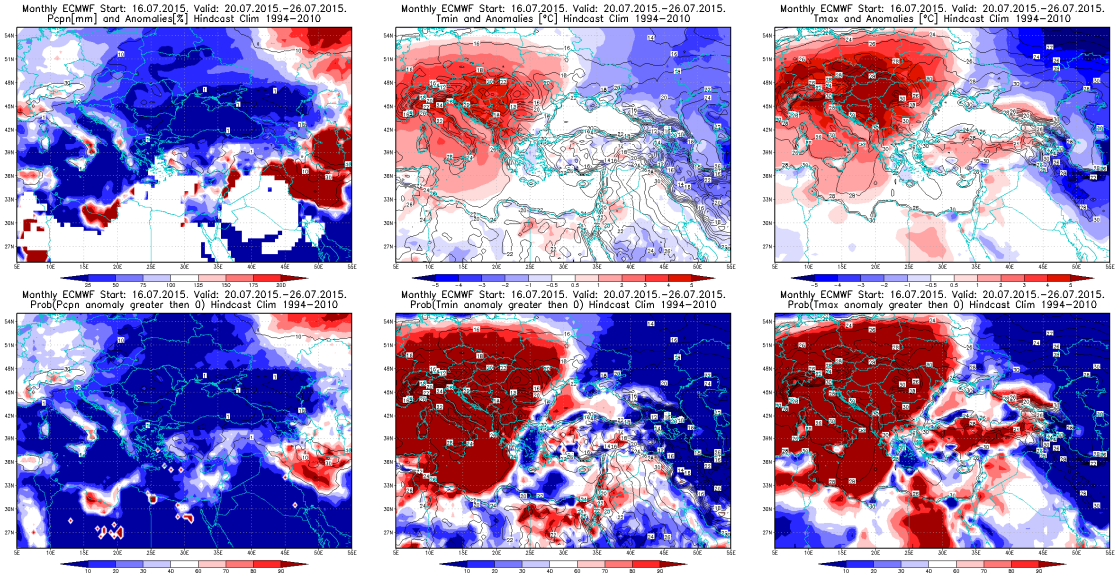


**Figure 3.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 20.7 – 26.7.2015 period

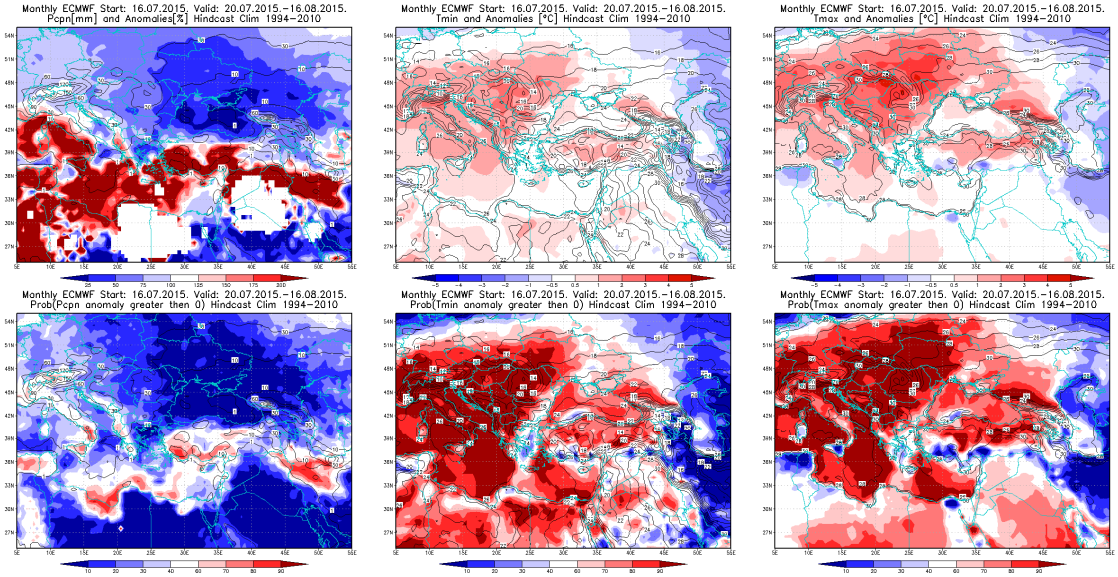


**Figure 4.** Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 20.7 – 16.8.2015 period

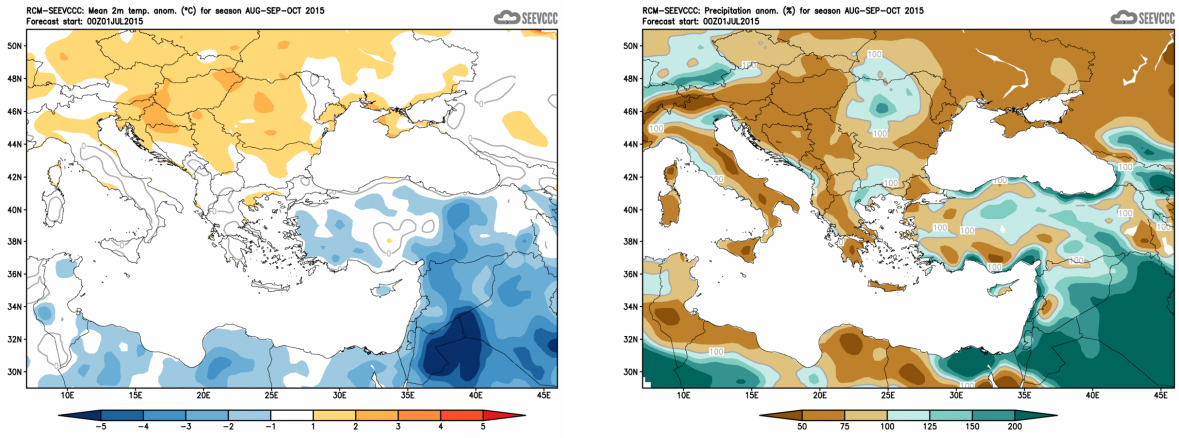


**Figure 5.** Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

## 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/ )