

Climate Watch (Serial No.: 20140804 – 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> | 04-08-2014 12:00 P.M. | | 3 | Very dangerous |
| Contact: | E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929 | | | |
| Valid from – to: | 04-07 – 17-08-2014 | Next amendment: | 11-08-2014 | |
| Region of concern: South-Eastern Europe | | | | |

„During the next week, precipitation surplus is expected in most of SEE region. Probability for exceeding upper tercile is around 90%.“

Monitoring

In the period from July 27th to August 2nd, 2014 above normal air temperature¹, with anomaly up to +5°C was registered in Moldova, northernmost Romania, northern and central Turkey. Weekly precipitation sums, ranging to 100 mm were registered in most part Balkans. In central and eastern Serbia and along the Adriatic coast precipitation totals reached 200 mm.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (August 4th to 10th, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly up to -2°C in most part of SEE region. Above normal mean weekly temperature, with anomaly up to +3°C is expected in most of Romania, Moldova and part of central Turkey and Ionian Sea. Probability for exceeding lower/upper tercile is around 80%. Precipitation surplus is expected in most of SEE. Probability for exceeding upper tercile is around 90%.

During the second week (August 11th to 17th, 2014), below normal mean weekly air temperature, with anomaly up to -2°C is predicted for most part of the SEE region. Above normal mean weekly temperature, with anomaly up to +3°C is expected in most of Romania, Moldova, part of central Turkey and Ionian Sea. Probability for these events is around 80%. Average precipitation weekly sums are expected.

In the period from August 4th to 31st 2014, below normal mean weekly air temperature, with anomaly up to -2°C is forecast for most part of the SEE region. Above normal mean weekly temperature, with anomaly up to +3°C is expected in most of Romania, Moldova, part of central Turkey and Ionian Sea. Probability for exceeding lower/upper tercile is around 70%. Precipitation surplus is expected in most of Balkans and eastern and part of central Turkey. Probability for exceeding upper tercile is around 60%.

During the following three months (August, September and October) SEEVCCC seasonal forecast predicts above normal air temperature over north part of the Balkans, while below normal air temperature is expected over western, central and southern Turkey and South Caucasus. Precipitation deficit is expected in most part of the region. Precipitation surplus is expected over the Carpathians, South Caucasus and in northernmost of Turkey.

Update

An updated statement will be issued on 11-8-2014.

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

ANNEX

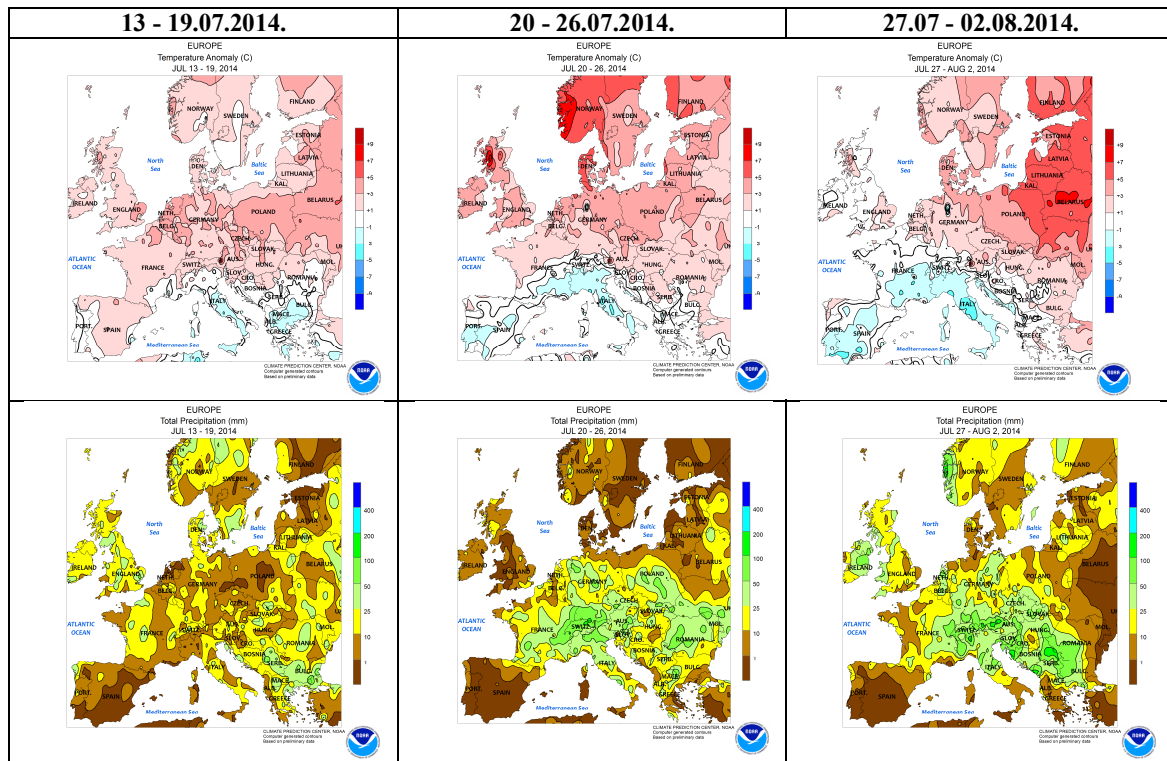


Figure1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

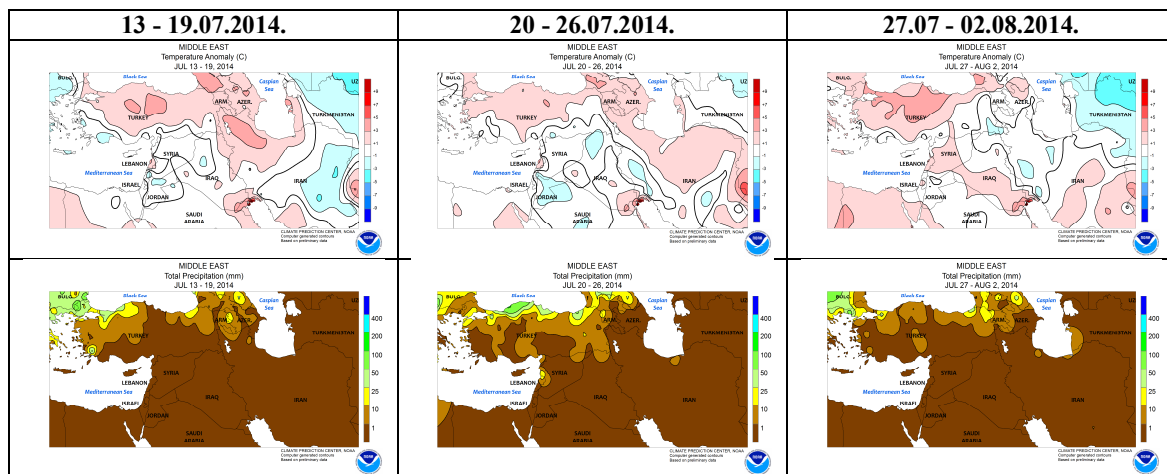


Figure2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

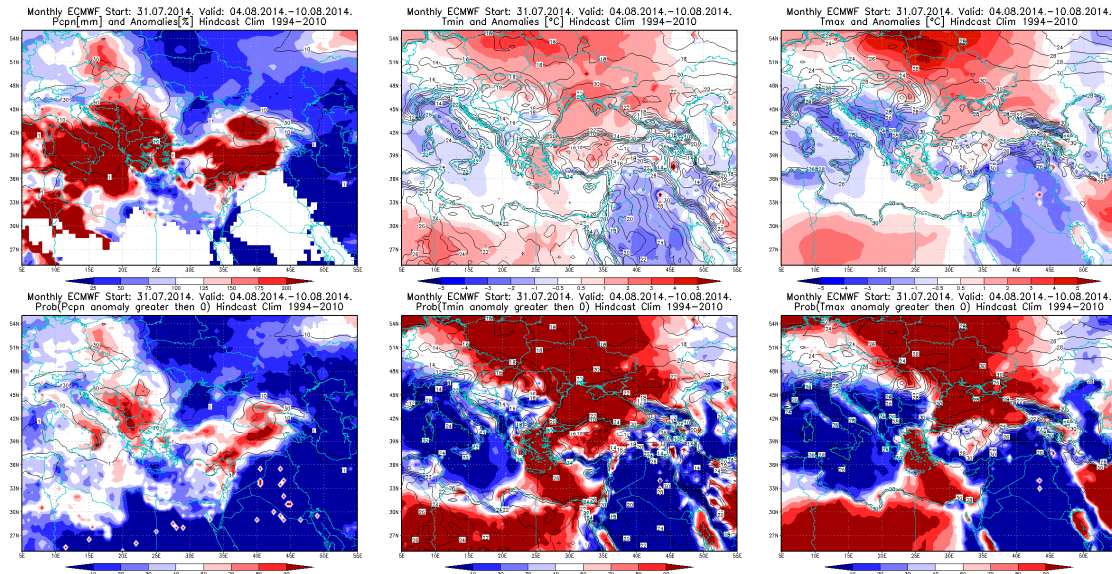


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 4 – 10.8.2014. period

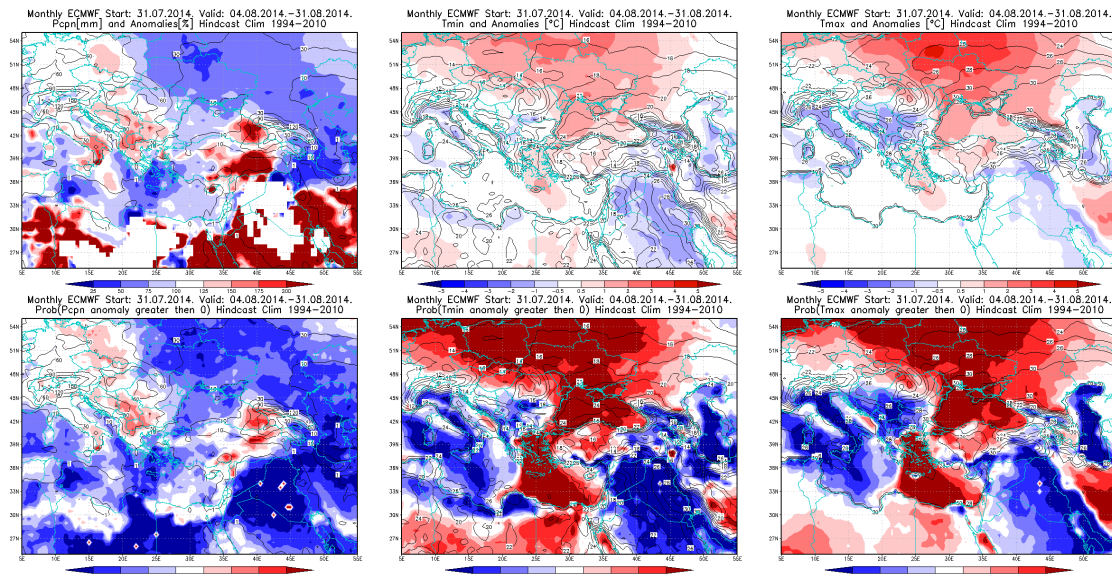


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 4 – 31.8.2014. period

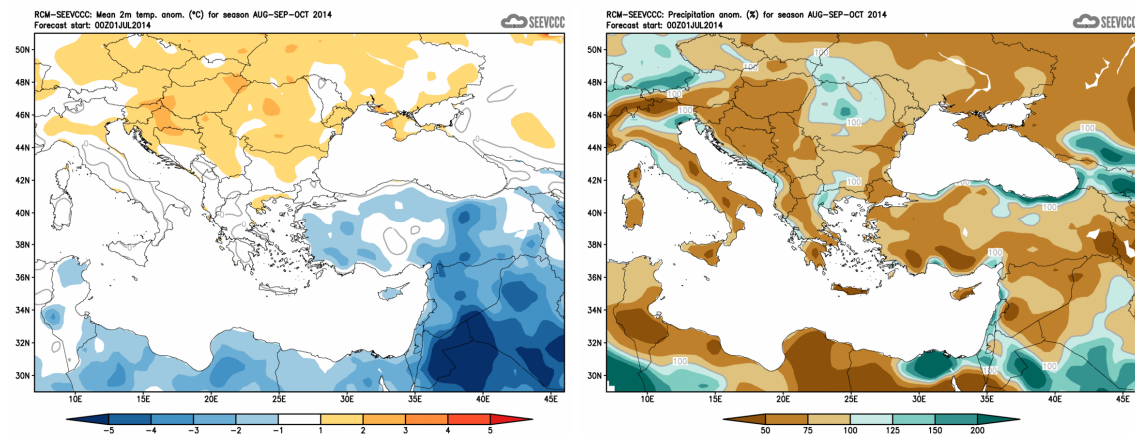


Figure5. Mean seasonal temperature and precipitation anomaly for the season ASO (seasonal outlook from RCM – SEEVCCC)

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/>)