

Climate Watch (Serial No.: 20141110 – 00)

Initial/Updated/Final

Topic: precipitation
Organization issuing
the statement: SEEVCCC

Issued/ Amended / 10-11-2014 12:00 P.M.
Cancelled

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Valid from – to: 10-11 – 23-11-2014 Next amendment: 17-11-2014

Region of concern: South-Eastern Europe

„During the next week and month, precipitation surplus is expected along the central and northern Adriatic Sea coast. Probability for exceeding upper tercile is around 80% for weekly and around 70% for monthly precipitation sums.”

Monitoring

In the period from November 2nd to 8th, 2014 below normal air temperature¹, with anomaly up to -5°C, was registered in south Caucasus, central and eastern Turkey, while above normal air temperature, with anomaly up to +7°C, was registered in central and western Balkans. Weekly precipitation sums of less than 25 mm were observed in most parts of the region, except along the eastern coast of Black Sea, southernmost and southwestern Balkans where amounts of precipitation up to 200 mm were registered.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (November 10th to 16th, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly ranging from +3°C up to +5°C, in south Caucasus and eastern Turkey. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is expected along the Adriatic Sea coast, while deficit is expected in the remainder of the region, especially in Turkey and south Caucasus. Probability for exceeding upper/lower tercile is around 80%.

During the second week (November 17th to 23th, 2014), above normal mean weekly air temperature, with anomaly up to +4°C, is forecast for most of the SEE region. Probability for exceeding upper tercile is up to 80% over central and western Balkans. Precipitation deficit is expected in most part of the region. Probability for exceeding lower tercile is expected with less confidence.

In the period from November 10th to December 7th 2014, above normal mean monthly air temperature, with anomaly up to +3°C, is forecast for most of the Balkans and western Turkey. Probability for exceeding upper tercile is up to 80%. Precipitation deficit is expected in most part of the SEE region, but with less confidence, whereas precipitation surplus is expected along the central and northern Adriatic Sea coast. Probability for exceeding upper tercile is around 70%.

During the following three months (November, December and January) SEEVCCC seasonal forecast predicts above average air temperature over most of the Balkans, south Caucasus, northernmost and part of central Turkey. Precipitation deficit is expected in most part of the Balkans, western and southern Turkey. Precipitation surplus is expected in most of south Caucasus and southernmost Turkey as well as along the Adriatic coast.

Update

An updated statement will be issued on 17-11-2014

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

ANNEX

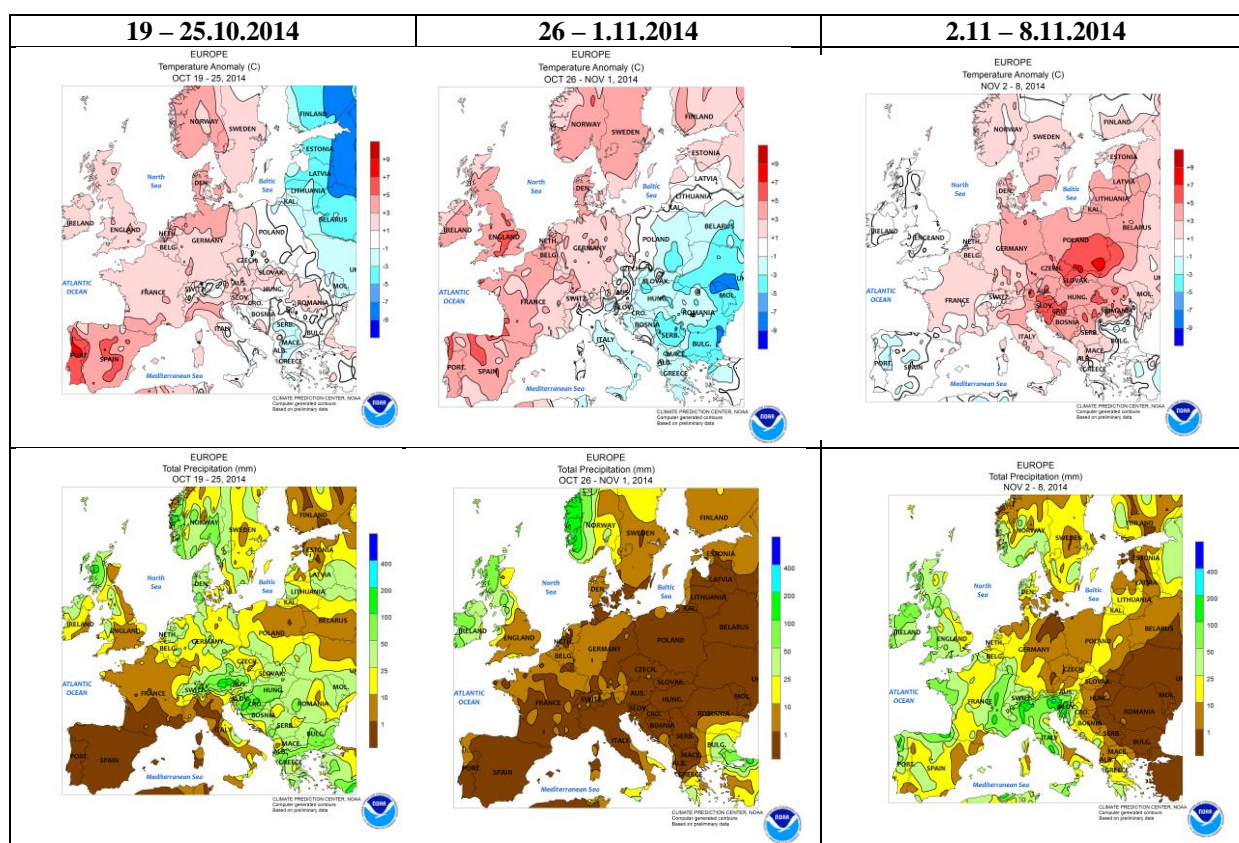


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

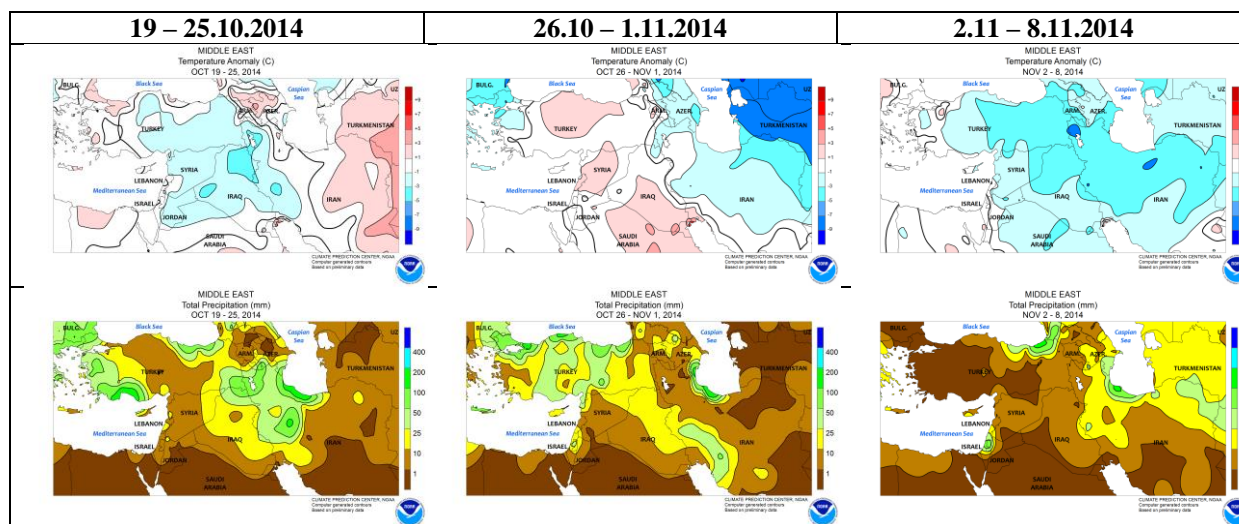


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

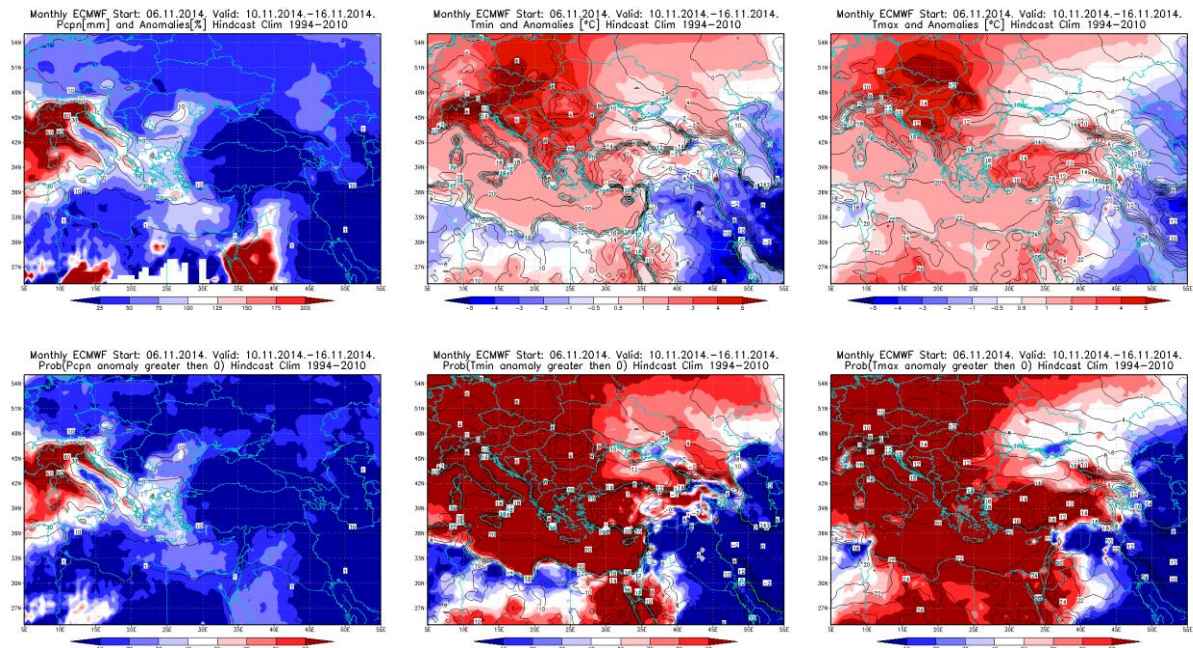


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 10.11 – 16.11.2014 period

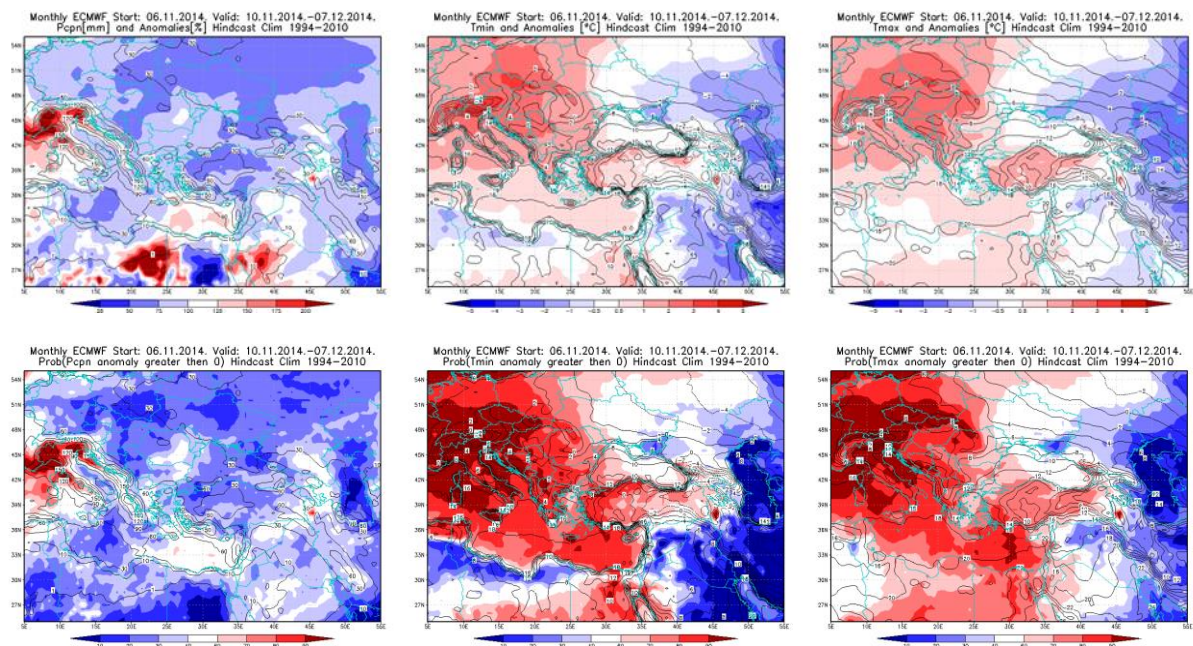


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 10.11 – 7.12.2014 period

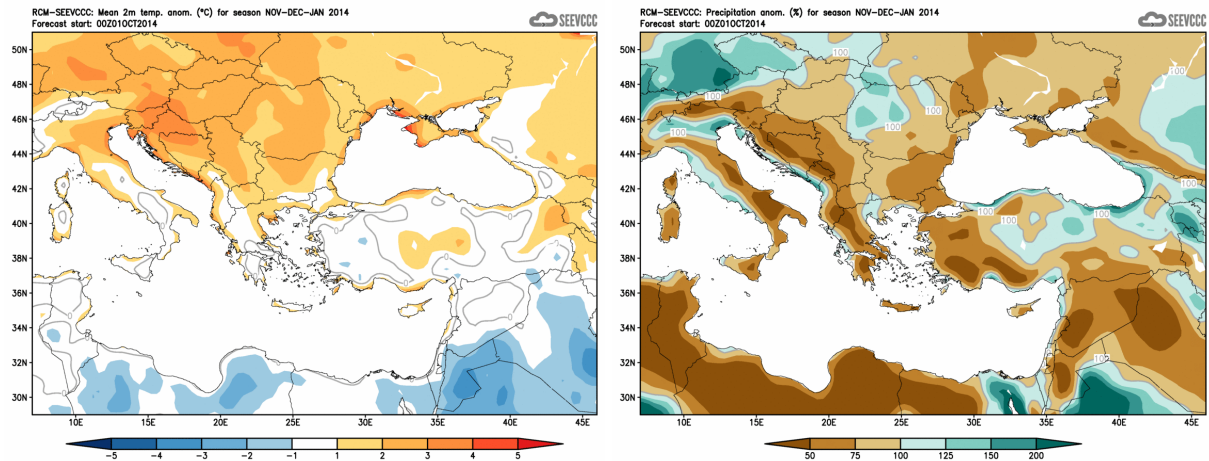


Figure 5. Mean seasonal temperature and precipitation anomaly for the season NDJ (seasonal outlook from RCM – SEEVCCC)

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/>)