

Climate Watch (Serial No.: 20141117 – 00)

Initial/Updated/Final

Topic: precipitation
Organization issuing
the statement: SEEVCCC

Issued/ Amended /
Cancelled 17-11-2014 12:00 P.M.

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Valid from – to: 17-11 – 30-11-2014 Next amendment: 24-11-2014

Region of concern: South-Eastern Europe

„During the next week, precipitation surplus is expected along the Adriatic Sea coast, Romania, Moldova and south Caucasus. Probability for exceeding upper tercile is around 80%.“

Monitoring

In the period from November 9th to 15th, 2014 above normal air temperature¹, with anomaly up to +7°C, was registered in most of the SEE region. Weekly precipitation sums ranging from 25 mm to 200 mm were observed along Adriatic coast, western Greece and western Turkey.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (November 17th to 23rd, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly ranging from +2°C up to +4°C above the Balkans. Probability for exceeding upper tercile is up to 90%. Precipitation surplus is expected along the Adriatic Sea coast, Romania, Moldova and south Caucasus, while precipitation deficit is expected in coastal part of southern Turkey and southern Greece. Probability for exceeding upper/lower tercile is around 80%.

During the second week (November 24th to 30th, 2014), above normal mean weekly air temperature, with anomaly up to +3°C, is forecast for the Balkans. Probability for exceeding upper tercile is around 60%. Precipitation surplus is expected in coastal part of southern SEE region and southernmost of Turkey. Probability for exceeding upper tercile is around 60%.

In the period from November 17th to December 14th 2014, above normal mean monthly air temperature, with anomaly up to +3°C, is forecast for the Balkans. Probability for exceeding upper tercile is above 60%. Average amount of monthly precipitation sums is expected in most part of the SEE region.

During the following three months (December, January and February) SEEVCCC seasonal forecast predicts above average air temperature over most of the Balkans. Precipitation surplus is forecast for south Caucasus, northern Turkey and most of Romania as well as along the Adriatic coast. In rest of the region marginal deficit is expected.

Update

An updated statement will be issued on 24-11-2014

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

ANNEX

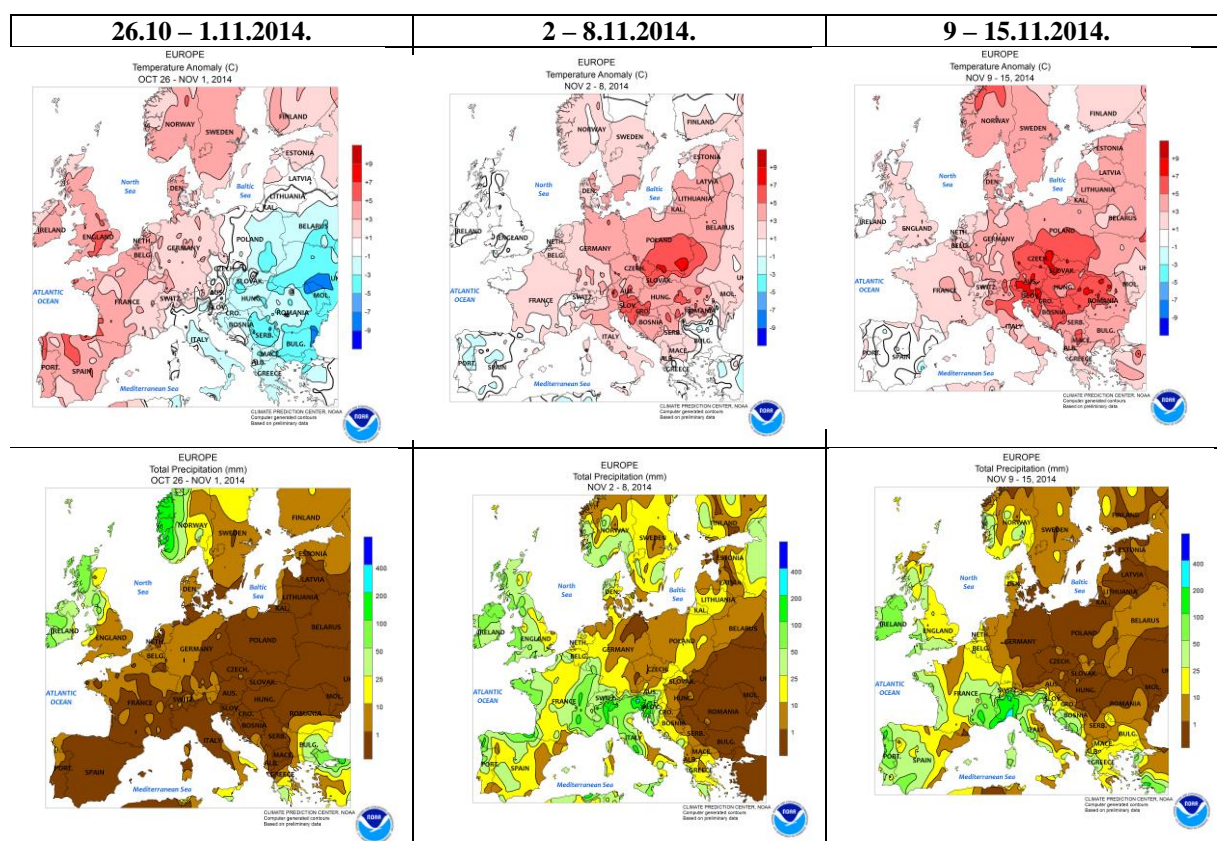


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

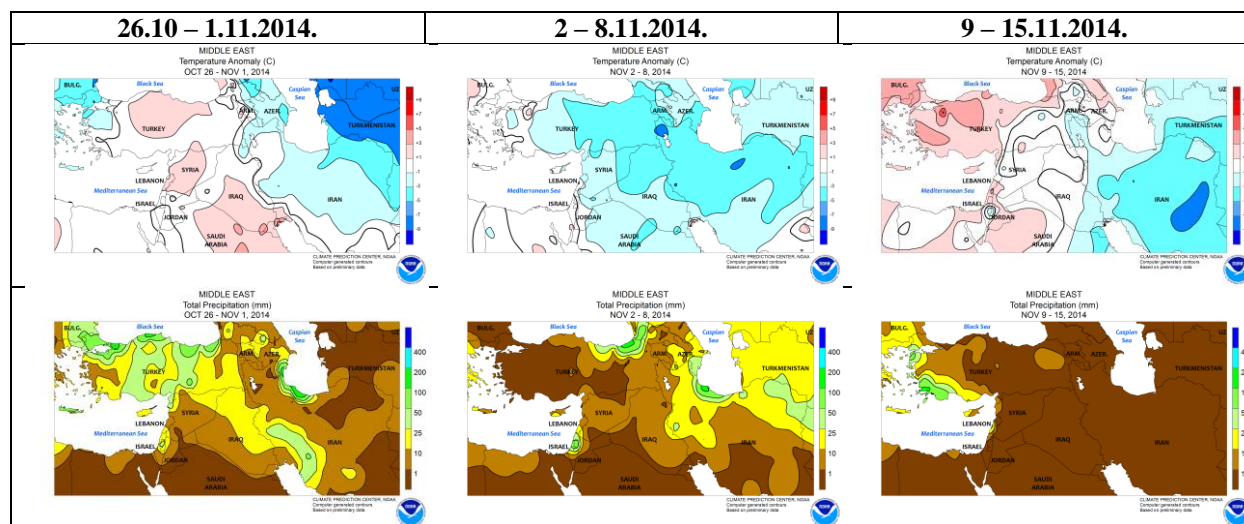


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

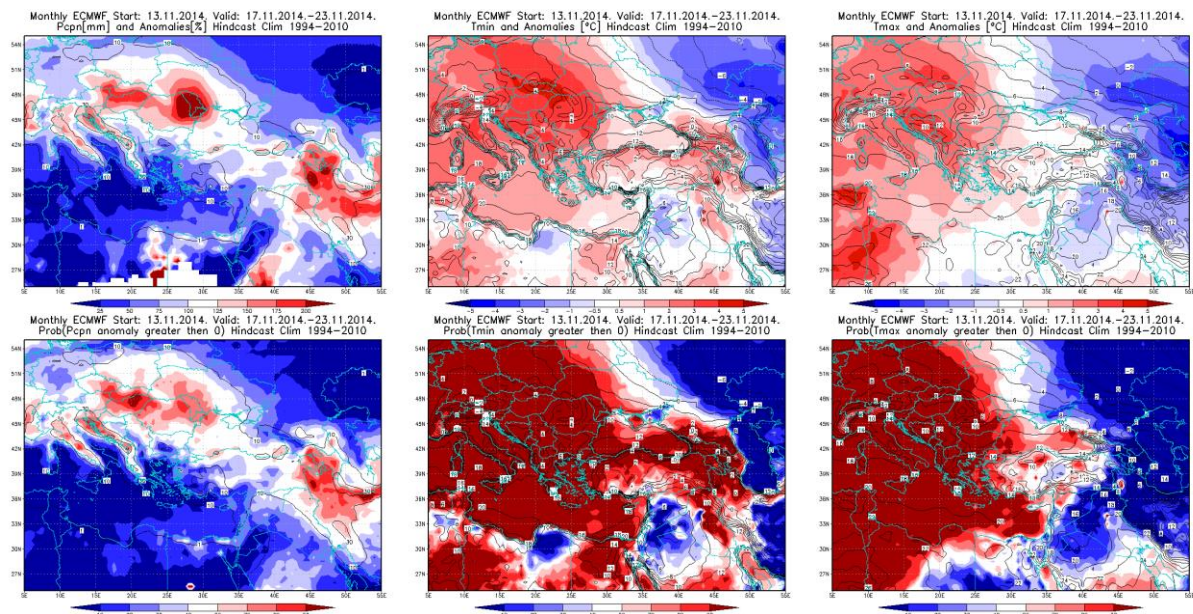


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17 – 23.11.2014 period

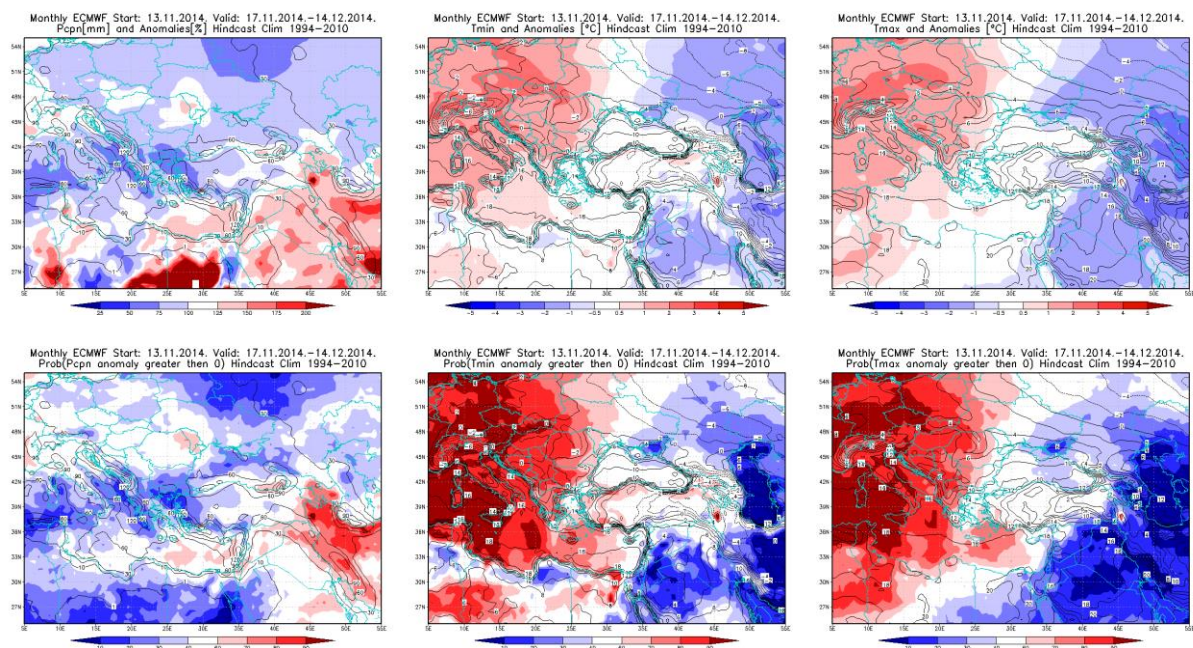


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.11 – 14.12.2014 period

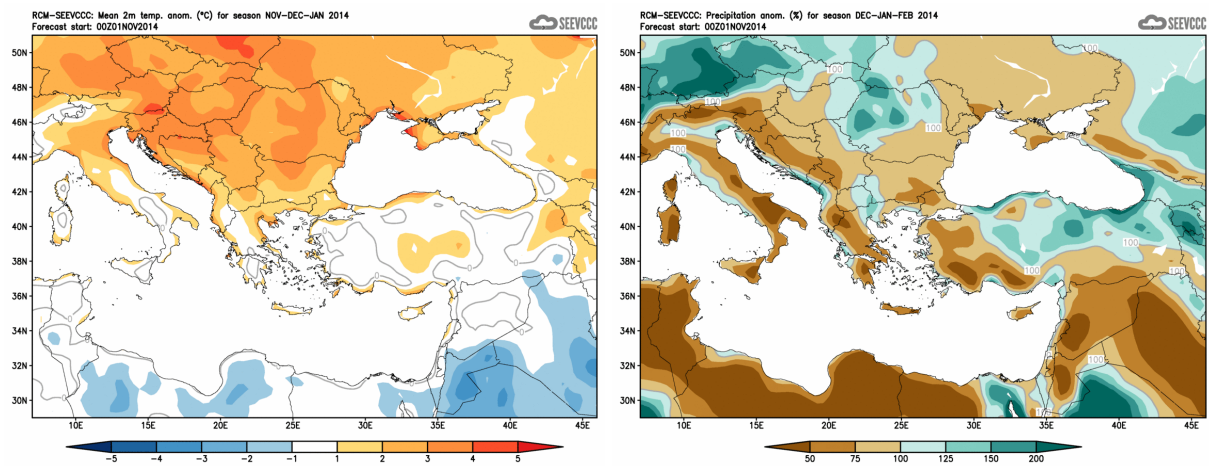


Figure 5. Mean seasonal temperature and precipitation anomaly for the season DJF (seasonal outlook from RCM – SEEVCCC)

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/>)