

Climate Watch (Serial No.: 20141020 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
Issued/ Amended / Cancelled	20-10-2014 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +381112066925 Fax: +381112066929			
Valid from – to:	20-10 – 02-11-2014	Next amendment:	27-10-2014	
Region of concern: South-Eastern Europe				

„During the next week, below normal mean weekly air temperature (anomaly from -1°C to -5°C) is expected over easternmost Balkans, Turkey and south Caucasus. Probability for exceeding lower tercile is around 90%. Precipitation surplus is expected in Turkey and part of northern Romania. Probability for exceeding upper tercile is around 80%. Also, monthly forecast predicts below normal temperature over Turkey during next 30 days.

Monitoring

In the period from October 12th to 18th, 2014 above normal air temperature¹, with anomaly up to +5°C was registered in most of the SEE region, with anomaly ranging from +1°C up to +7°C. Weekly precipitation sums, ranging from 25 up to 100 mm were registered in western Romania, northern Serbia, northern Bosnia and Herzegovina, Croatia, northernmost and part of central Turkey.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (October 20th to 26th, 2014), ECMWF monthly forecast predicts below normal mean weekly air temperature, with anomaly from -1°C to -5°C, over easternmost Balkans, Turkey and south Caucasus. Probability for exceeding lower tercile is around 90%. Precipitation surplus is expected in Turkey and part of northern Romania. Probability for exceeding upper tercile is around 80%.

During the second week (October 27th to November 2nd, 2014), below normal mean weekly air temperature, with anomaly up to -3°C, is forecast for most of Turkey. Probability for exceeding lower tercile is around 70%. Average amount of precipitation is expected in the entire SEE region.

In the period from October 20th to November 16th 2014, below normal mean monthly air temperature, with anomaly up to -3°C, is forecast for Turkey. Probability for exceeding lower tercile is around 70%. Average precipitation is expected over the SEE region.

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

Update

An updated statement will be issued on 27-10-2014.

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

ANNEX

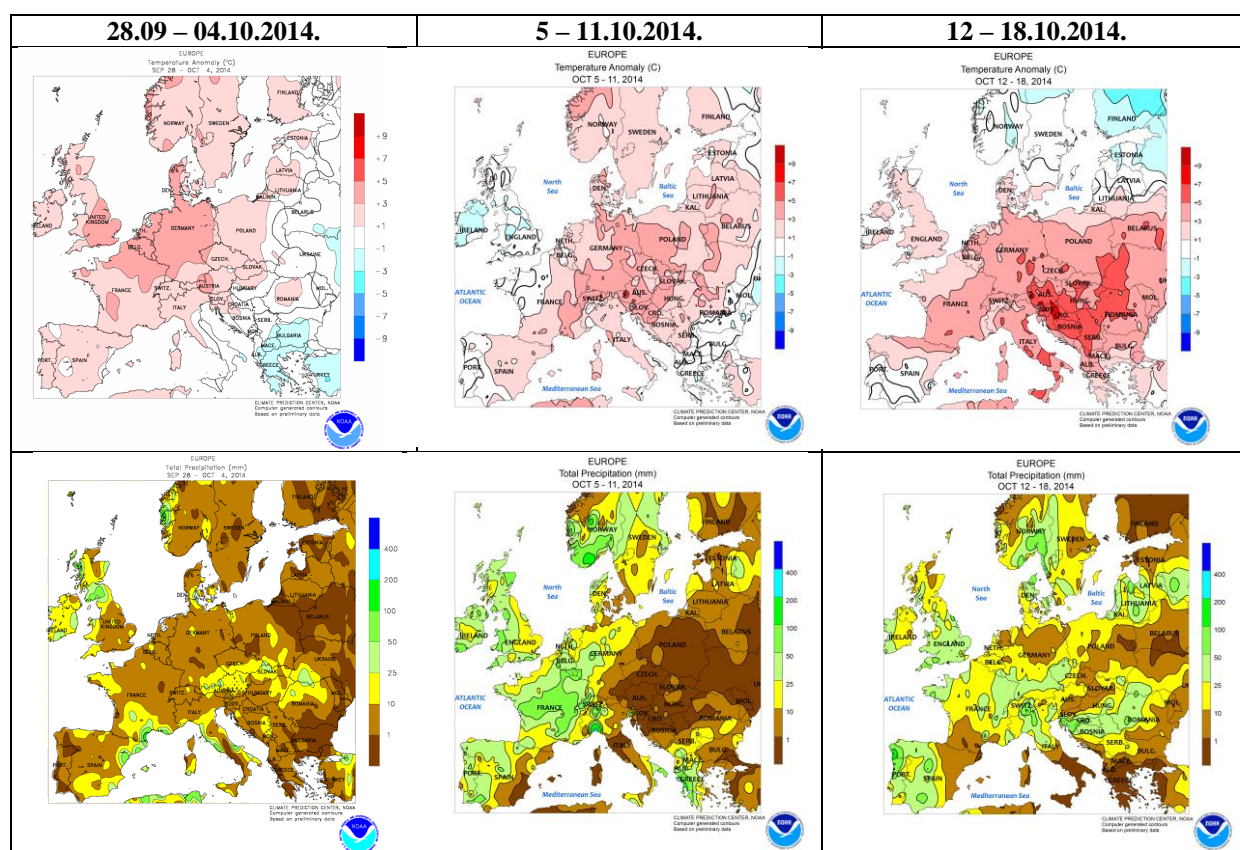


Figure 1. Temperature anomaly and total precipitation for recent weeks (source: Climate Prediction Center, USA)

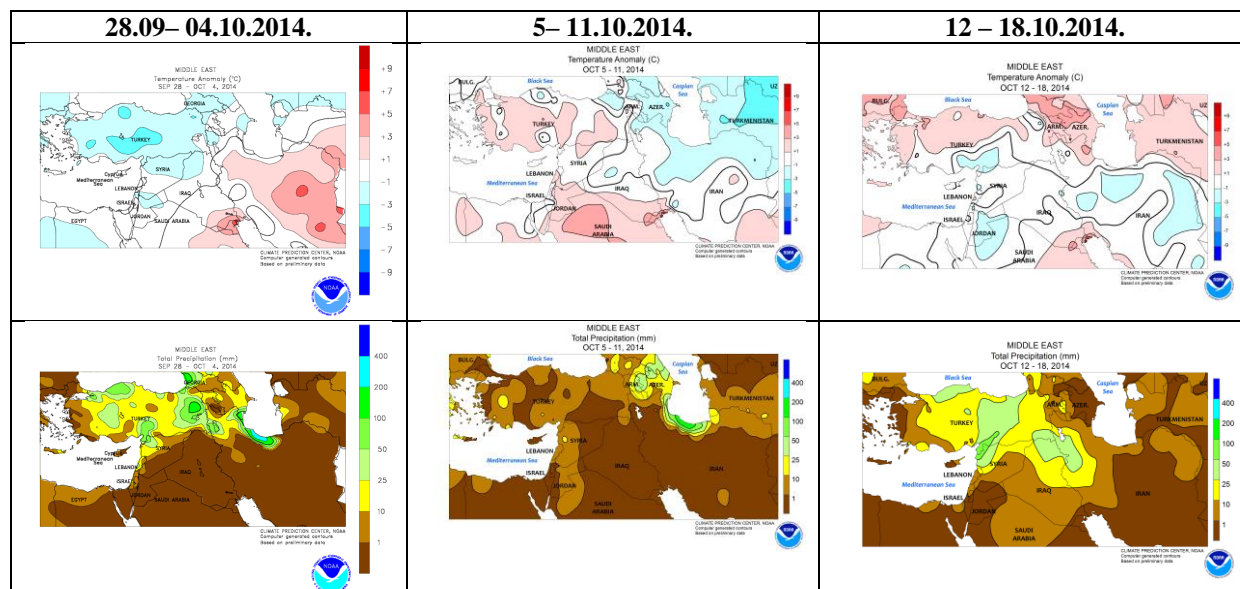


Figure 2. Temperature anomaly and total precipitation for recent weeks for Middle East (source: Climate Prediction Center, USA)

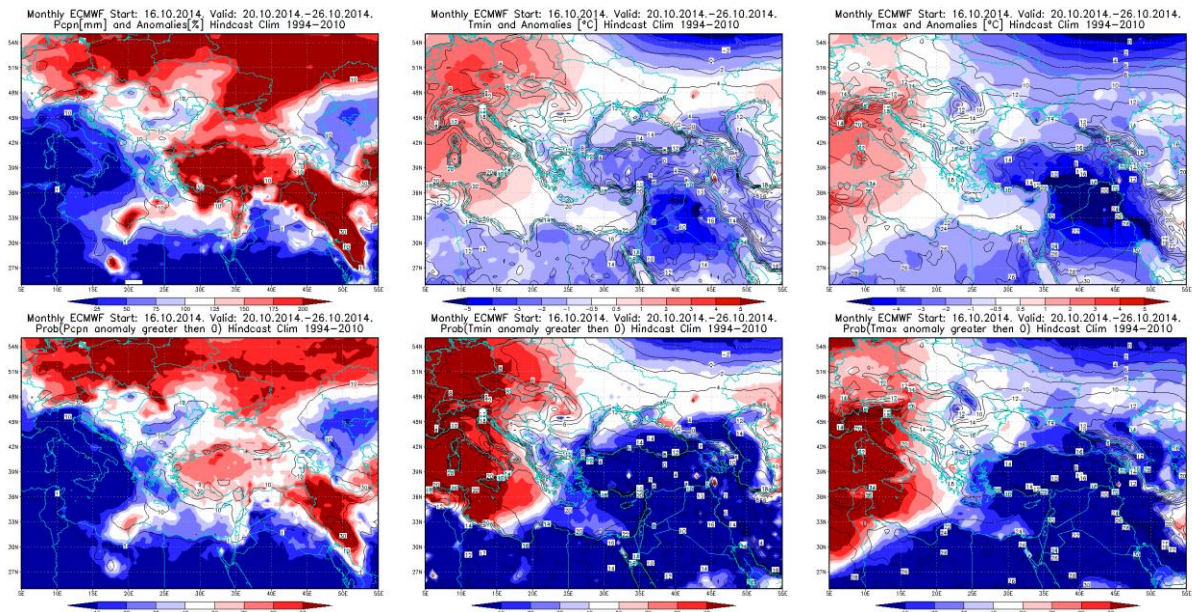


Figure 3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 20 – 26.10.2014. period

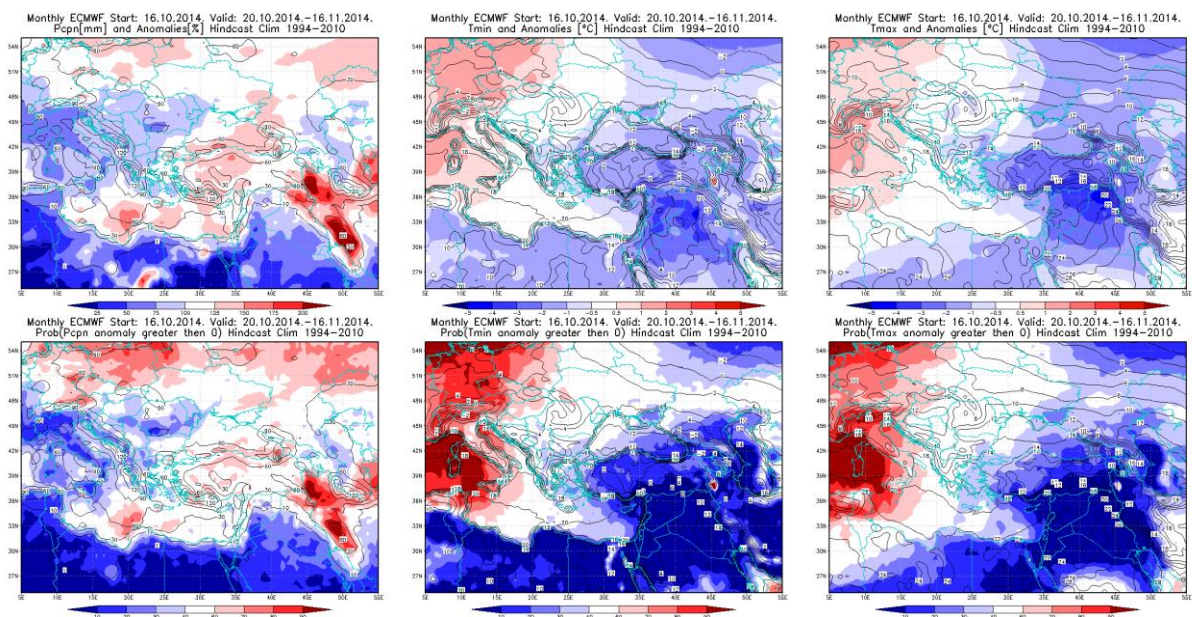


Figure 4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 20.10 – 16.11.2014. period

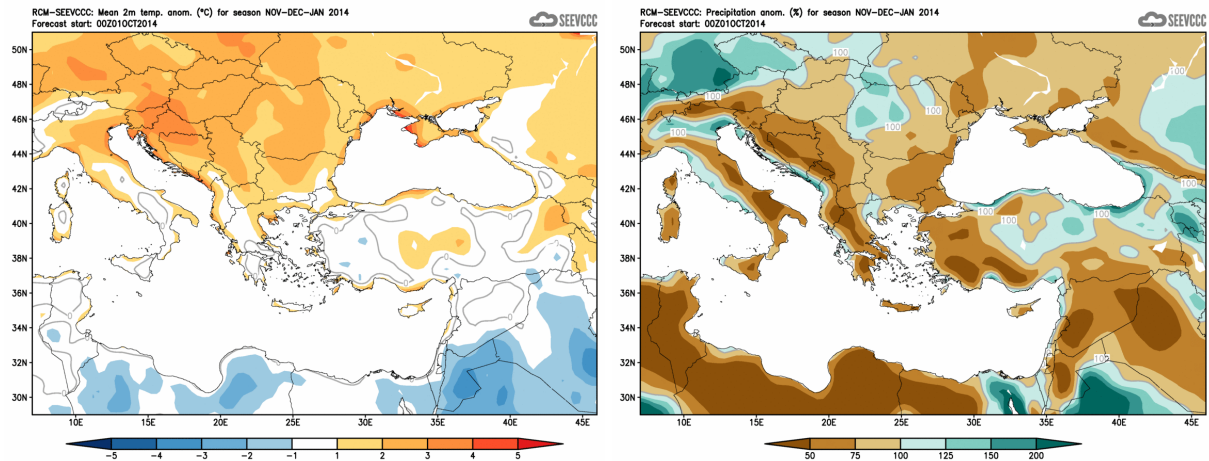


Figure 5. Mean seasonal temperature and precipitation anomaly for the season NDJ (seasonal outlook from RCM – SEEVCCC)

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/>)