

Climate Watch (Serial No.: 20140317 – 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>	17-3-2014 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929			
Valid from – to:	17-3 – 30-3-2014	Next amendment:	24-3-2014	
Region of concern: South-Eastern Europe				

„During next month, above normal mean monthly temperature with anomaly up to +2°C is forecast for Balkans, central Turkey and eastern part of South Caucasus. The probability for this event is around 80%. Precipitation deficit is expected in northwestern and coastal part of Croatia. Probability for this event is around 80%.“

Monitoring

In the period from March 9th to 15th, 2014 above normal temperature 1981-2010¹, with observed anomaly from +1°C to +5°C was registered in most part of SEE region, and up to +7°C in Moldova and western part of South Caucasus and up to +9°C in eastern Turkey. Weekly precipitation sums, were generally less than 25 mm, except in central and southern Turkey where they reached 100 mm.

¹ Reference climatological period is the 1981-2010 period

Outlook

Within the first week (March 17th to 23rd, 2014), ECMWF monthly forecast predicts above normal mean weekly air temperature, with anomaly from +2°C up to +5°C in most part of SEE region, except eastern part of Turkey and western part of South Caucasus. The probability for exceeding upper tercile is up to 90%. Precipitation deficit is expected in most part of SEE region, surplus is expected in easternmost Turkey and northern part of South Caucasus. Probability for exceeding upper/lower tercile is around 80%.

During the second week (March 24th to 30rd, 2014), above normal mean weekly temperature, with anomaly from +1°C up to +3°C is forecast for most part of SEE region. The probability for this event is around 80%. Weekly precipitation is expected within the normal values in whole SEE region.

In the period from March 17th to April 13th 2014, above normal mean monthly temperature is forecast for Balkans, central Turkey and eastern part of South Caucasus, with anomaly up to +2°C. The probability for this event is around 80%. Precipitation deficit is expected in northwestern and coastal part of Croatia. Probability for this event is around 80%.

During the following three months (April, May and June) SEEVCCC seasonal forecast predicts above normal temperature in most of Balkans and central, northernmost, parts of southern and eastern Turkey. Precipitation deficit is expected in most part of Croatia, part of western Bosnia and Herzegovina, in northern Serbia, in central part of Montenegro, southern Albania, coastal part of Greece, eastern Romania, eastern Bulgaria and western and part of southern Turkey. Precipitation surplus is expected in parts of northwestern and central Romania, central Bulgaria, northernmost Greece, in northeastern Turkey and south Caucasus.

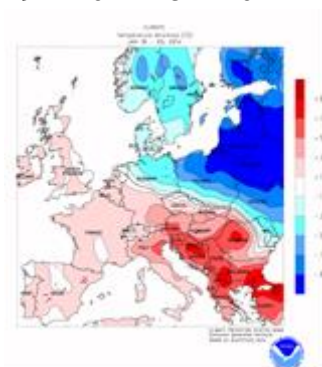
Update

An updated statement will be issued on 24-03-2014.

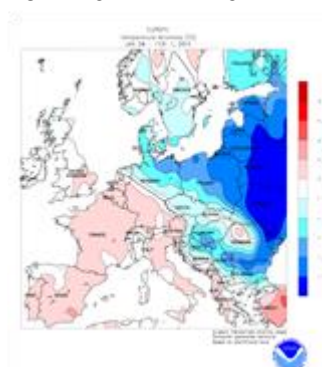
For further information please contact cws-seevccc@hidmet.gov.rs

ANNEX

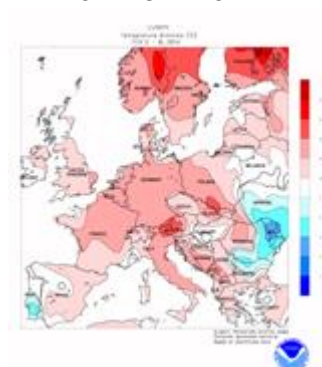
19-1-2014–25-1-2014



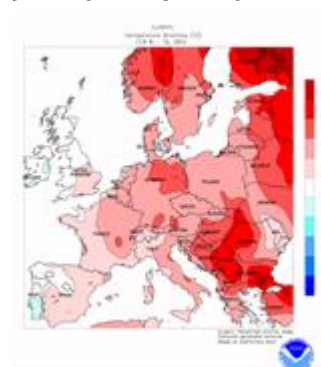
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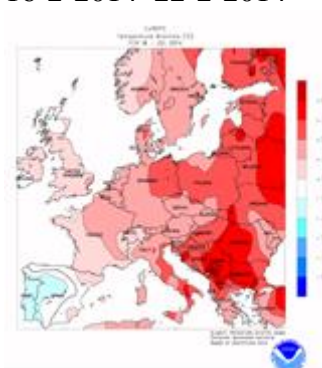
2-2-2014–8-2-2014



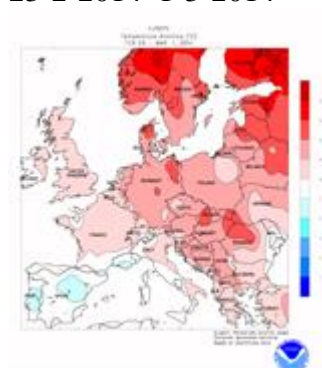
9-2-2014–15-2-2014



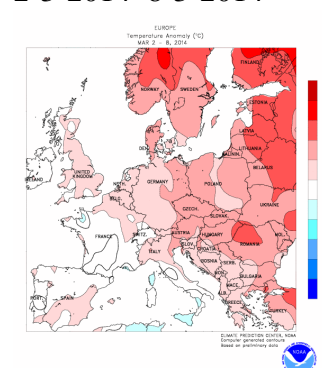
16-2-2014–22-2-2014



23-2-2014–1-3-2014



2-3-2014–8-3-2014



9-3-2014–15-3-2014

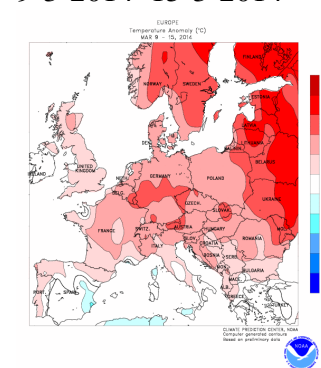
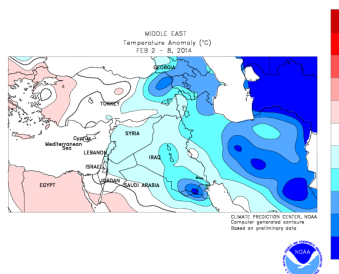
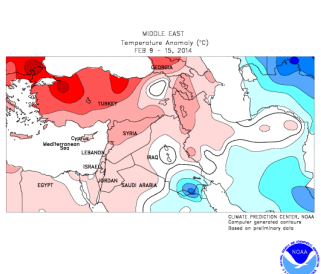


Figure 1. Temperature anomaly for recent weeks (source: Climate Prediction Center, USA)

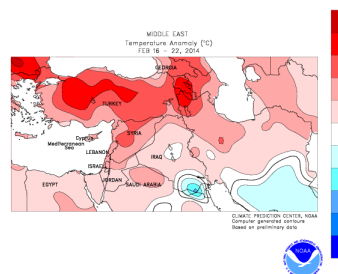
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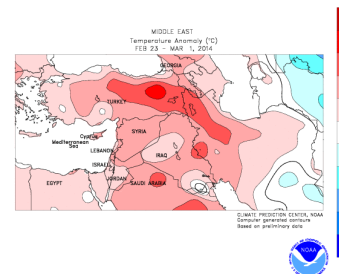
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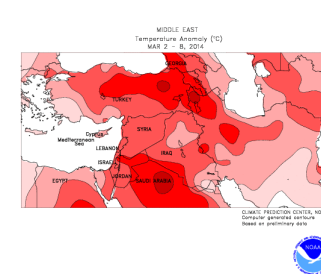
16-2-2014–22-2-2014



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2-3-2014–8-3-2014



9-3-2014–15-3-2014

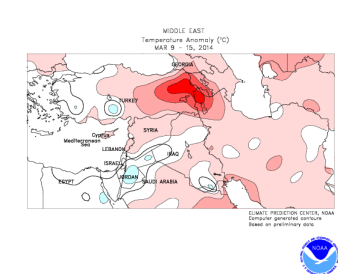


Figure2. Temperature anomaly for recent weeks for Middle East (source: Climate Prediction Center, USA)

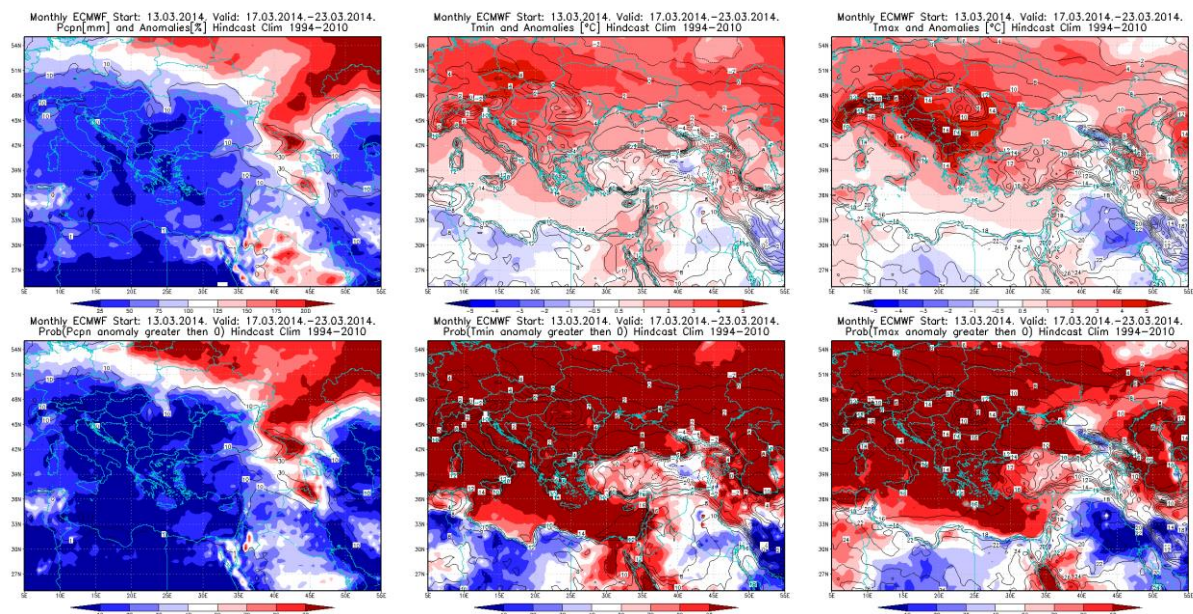


Figure3. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.3 – 23.3.2014. period

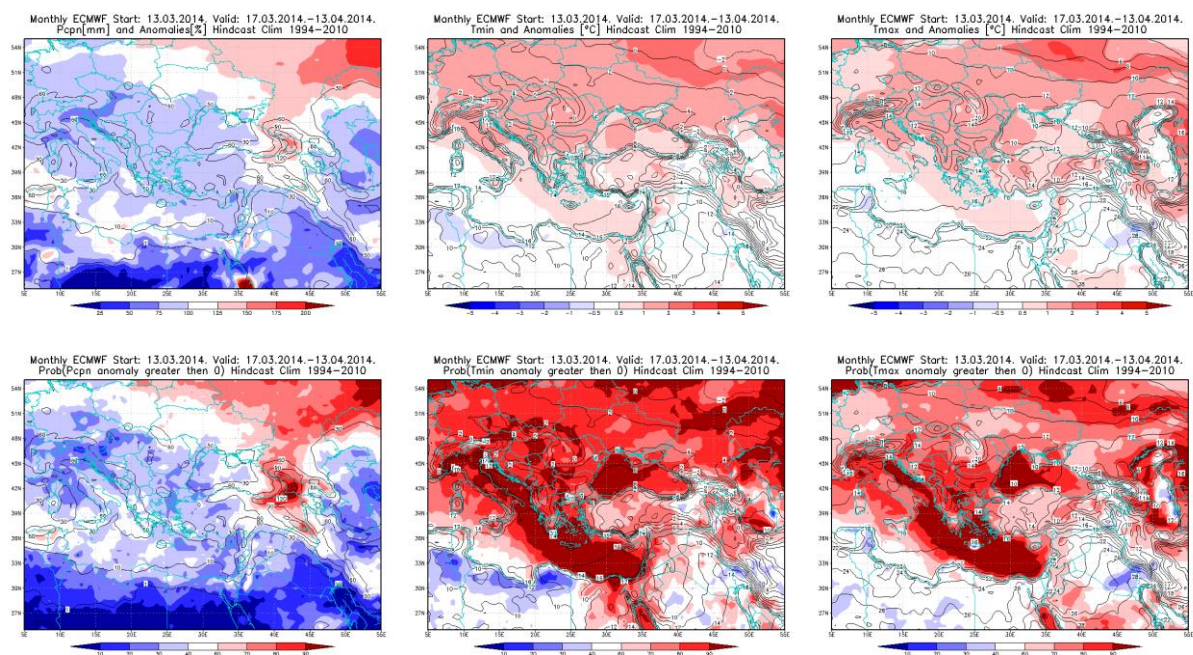


Figure4. Outlook for the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus/deficit and positive minimum and maximum temperature anomalies (lower row) for the 17.3 – 13.4.2014. period

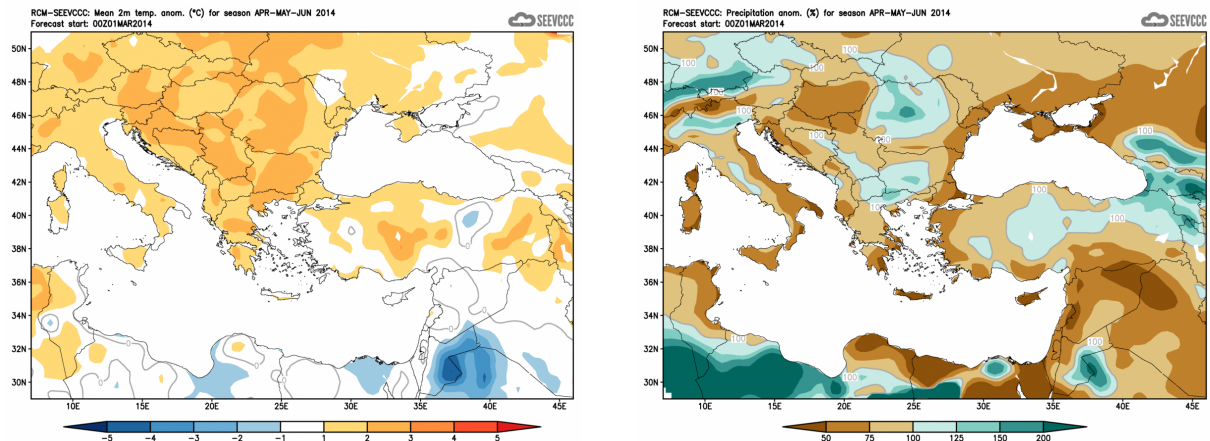


Figure5. Mean seasonal temperature and precipitation anomaly for the season AMJ (seasonal outlook for RCM – SEEVCCC)

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/>)