Climate Watch (Serial No.: 20130211 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
Issued/ Amended / Cancelled	11-02-2013 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidmet.gov.rs Phone: +38112066925 Fax: +38112066929			
Valid from – to:	11-01-2013 – 24-02-2013	Next amendment: 18-02-2013		

Region of concern: South-eastern Europe

„ In SEE region, period with temperature above normal, with anomaly from +1 ^{o}C up to +5 ^{o}C, with probability up to 90% is expected. Over Balkans, western Turkey and part of south Caucasus surplus of precipitation is expected, with probability around 70%. With less confidence in rest of region precipitation deficit is expected ".

Monitoring

In the period from February 03rd to 09th in SEE region mean temperature anomaly was above normal 1981-2010[1] from +1 ^{o}C over Western Balkans up to +9 ^{o}C in Turkey. In most of SEE region precipitation up to 50mm was recorded, except along costal regions where precipitation was from 50 up to 100mm.

Outlook

Within the first week (February 11 to 17h, 2013), ECMWF mounthly forecast predicts in SEE region temperature above normal, with anomaly from +1 ^{o}C up to +5 ^{o}C, with probability up to 90%. Over Balkans, western Turkey and part of south Caucasus surplus of precipitation is expected, with probability around 70%. With less confidence in rest of region precipitation deficit is expected.

During the second week (February 18th to 24th, 2013) in Croatia, Bosnia and Herzegovina, Montenegro, Albania, westernmost of fYR of Macedonia, southwest of Serbia and northeast of

[1] Reference climatological period is the 1981-2010 period

Romania temperature below normal, from -1 ^{o}C up to -3 ^{o}C is expected, while in southeast Romania, east Bulgaria, Turkey and south Caucasus temperature will be above normal, from +1 ^{o}C up to +3 ^{o}C. The probability is around 70%. Average amount of precipitation is expected in whole SEE region.

In the period from February 11th to March 10th, in Turkey, south Caucasus, east and north Greece, Bulgaria, south, east and west Romania, Moldova, most part of Serbia and eastern fYR of Macedonia temperature above normal, from +1 ^{o}C up to +3 ^{o}C, is expected. The probability is around 80%. Over Balkans, western Turkey and part of south Caucasus precipitation surplus is expected, while in rest of region average amount is expected. The probability of these events is around 70%.

During the following three months (February, March, April) SEEVCCC seasonal forecast predict temperature above normal in most of Balkans, part of central and east Turkey and in South Caucasus. Precipitation surplus is expected in south Caucasus, north Turkey, central and northwestern Romania and along the Adriatic. In rest of SEE region normal to dry weather is expected.

Update

An updated statement will be issued on 18-02-2013.

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

ANNEX

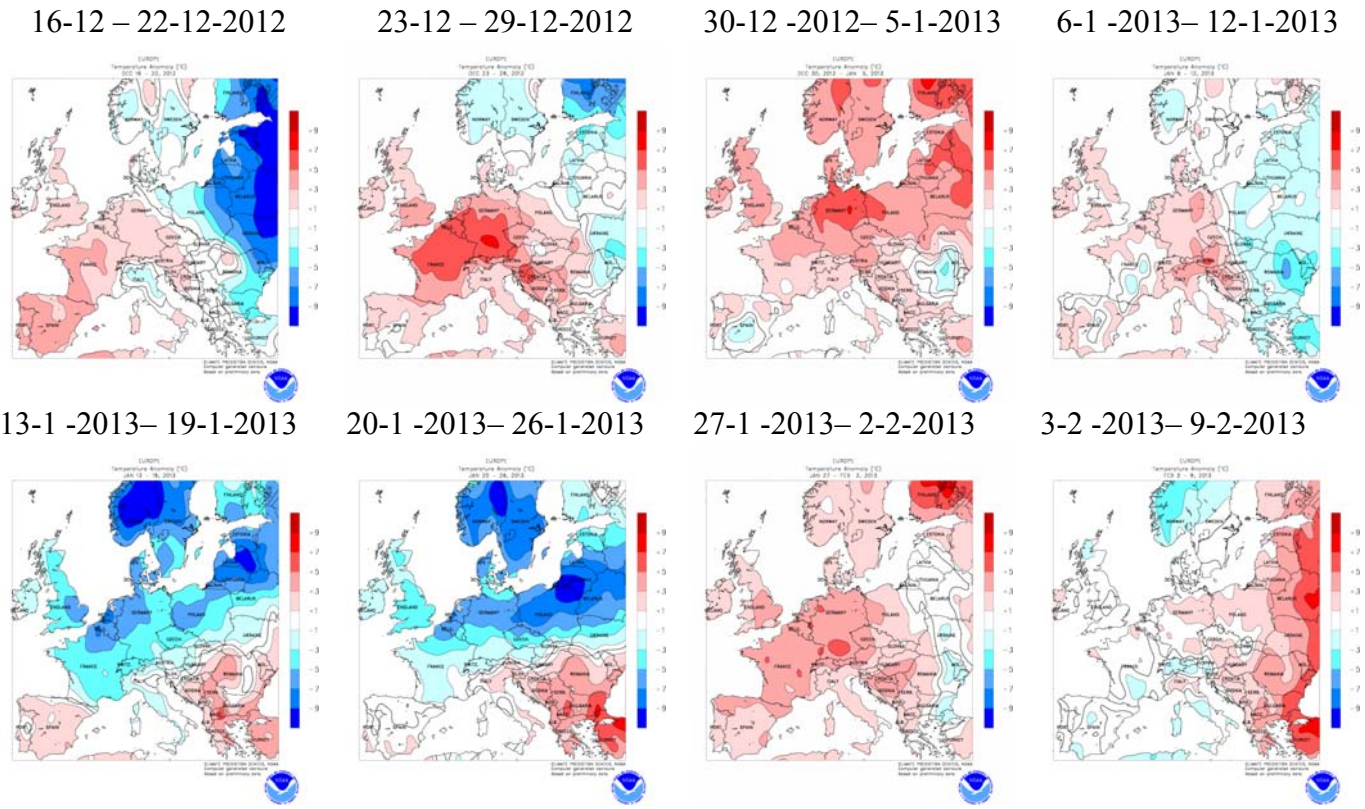

Figure 1. Temperature anomaly for recent weeks (source: Climate Predication Center, USA)

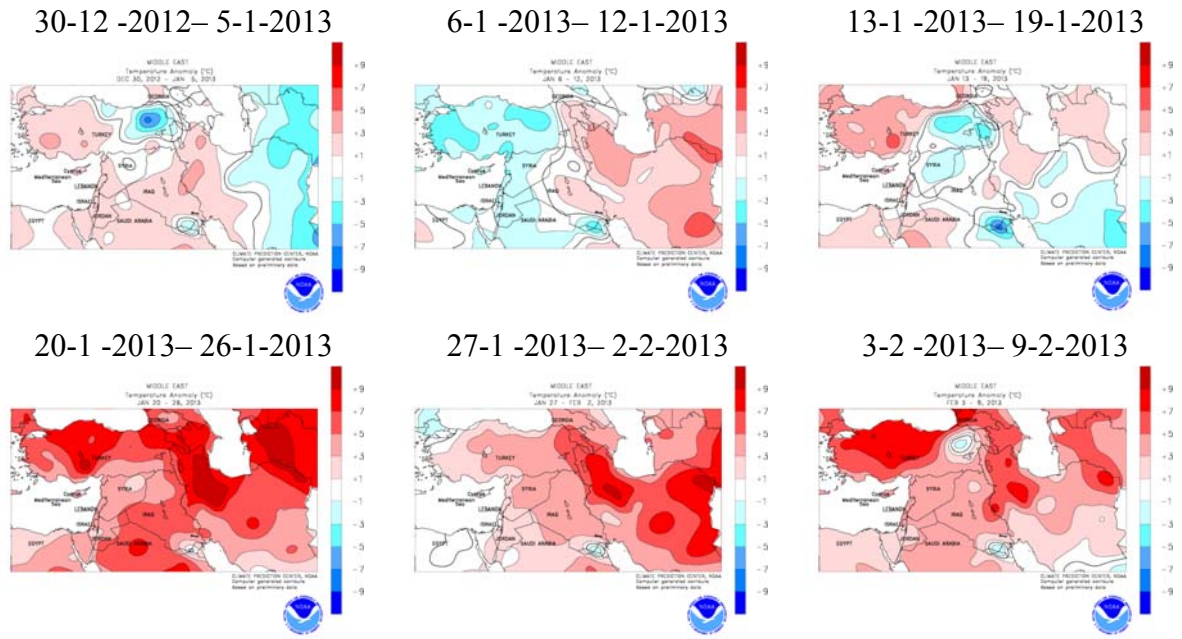

Figure 2. Temperature anomaly for recent weeks for Middle East (source: Climate Predication Center, USA)

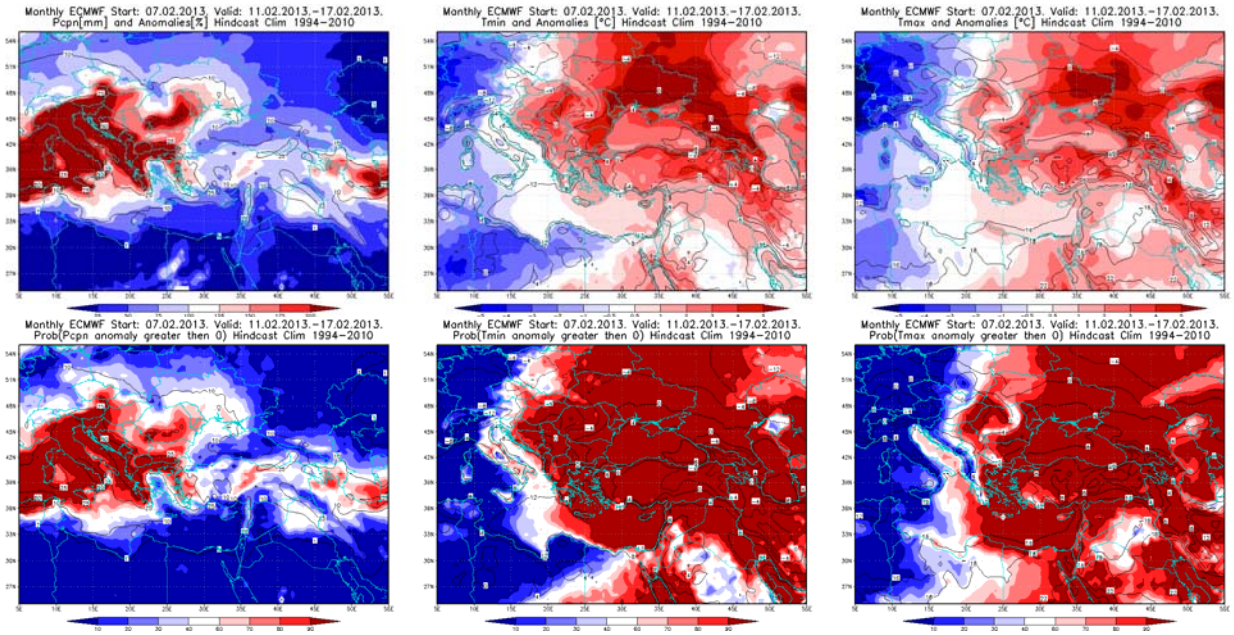

Figure 3. Outlook of the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 11 –17.02.2013 period

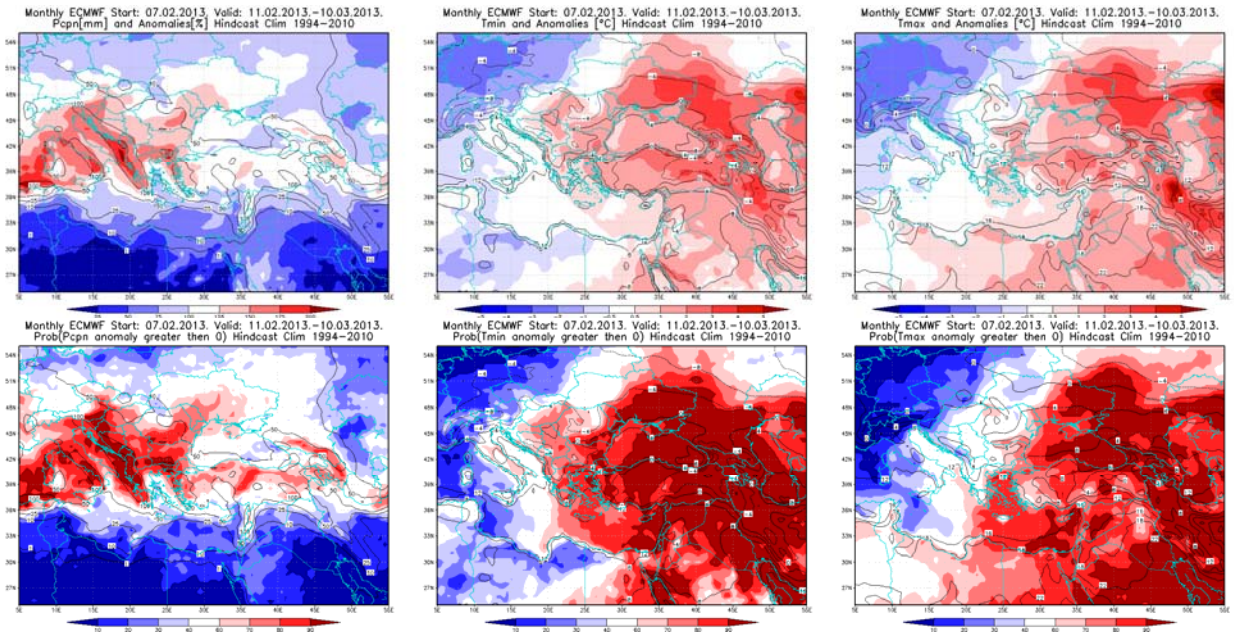

Figure 4. Outlook of the precipitation amount anomaly, minimum and maximum temperature anomalies (upper row), along with the probability of precipitation surplus and positive minimum and maximum temperature anomalies (lower row) for the 11.02– 10.03.2013 period

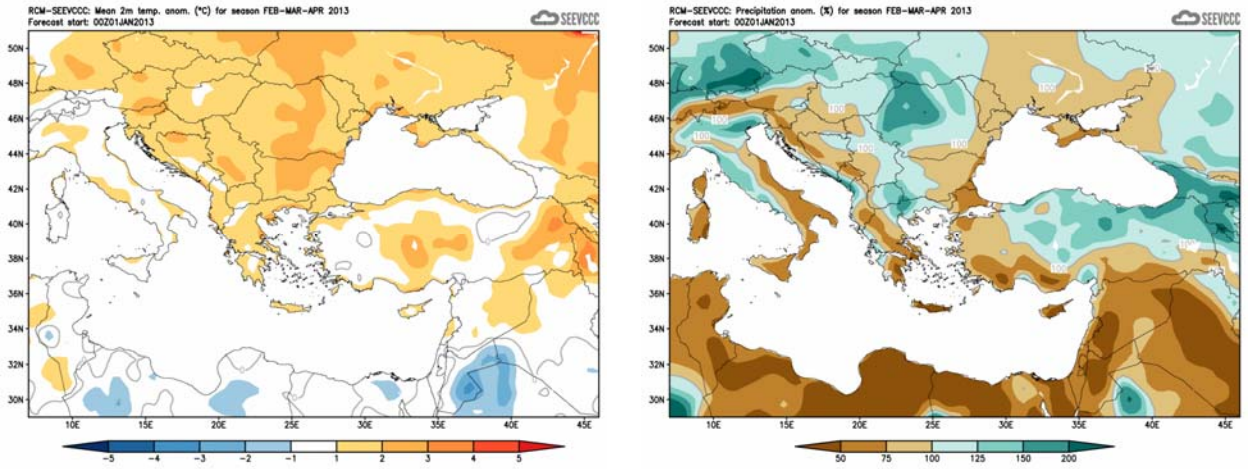

Figure 5. Mean seasonal temperature and precipitation anomaly for the season FMA (seasonal outlook of RCM – SEEVCCC)

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/)