Climate Watch (Serial No.: 20131014 – 00)

Initial/Updated/Final

Topic:		Warning:	0	No particular awareness
Organization issuing the statement:	SEEVCCC		1	Potentially dangerous
			2	Dangerous
<u>Issued</u> / Amended / Cancelled	14-10-2013 12:00 P.M.		3	Very dangerous
Contact:	E-mail: cws-seevccc@hidm Phone: +38112066925 Fax: +38112066929	net.gov.rs		
Valid from – to:	14-10-2013 - 27-10-2013	Next amendment:	21-10	0-2013
Region of concern: South-Eastern Europe				

"During next week, precipitation surplus is expected predominantly over Balkans with around 70% probability for exceeding upper tercile. During next month, Balkans is expected to experience above normal temperature, with anomaly around +2°C. The probability for this event is around 70%. "

Monitoring

In the period from October 06^{th} to 12^{th} , temperature above normal $1981-2010^1$, with anomaly up to $+3^{\circ}$ C, was recorded in most part of Croatia, Serbia, Bosnia and Herzegovina and southwestern Albania. Below normal temperature with anomaly up to -5° C was registered in Moldova, South Caucasus and most part of Romania, Bulgaria, Greece and Turkey, while in central and eastern part of Turkey below normal temperature with anomaly up to -9° C was observed. Precipitation from 25 up to 100 mm was recorded in the costal part of Adriatic Sea, while the rest of the SEE region received up to 10 mm.

Outlook

Within the first week (October 14th to 20th, 2013), ECMWF monthly forecast predicts above normal temperature, with anomaly up to +3°C, across most part of SEE region. The probability for this event is around 80%. Precipitation surplus is expected predominantly over Balkans, with

¹ Reference climatological period is the 1981-2010 period

around 70% probability for exceeding upper tercile. Precipitation deficit is expected in most of Turkey and south Caucasus with probability of around 80%.

During the second week (October 21^{st} to 27^{th} , 2013) Balkans is expected to experience above normal temperature, with anomaly up to $+3^{\circ}$ C and around 60% probability for exceeding upper tercile. The SEE region is expected to receive below and average amount of precipitation.

In the period from October 14^{th} to November 10^{th} , above normal temperature, with anomaly around $+2^{\circ}$ C, is forecast for Balkans. The probability for this event is around 70%. Precipitation deficit is expected in most of Turkey and south Caucasus, with probability around 80%.

During the following three months (October, November, December) SEEVCCC seasonal forecast predicts slightly above normal temperature in most of western Balkans and slightly below normal temperature in some parts of Turkey. Normal to dry weather conditions are expected in most of the SEE region, with the exception of the coastal regions where precipitation surplus is forecasted.

Update

An updated statement will be issued on 21-10-2013.

For further information please contact <u>cws-seevccc@hidmet.gov.rs</u>





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



Figure 3. Outlook for 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 14.10 - 20.10.2013. period



Figure 4. Outlook for 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 14.10 - 10.11.2013. period



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

Sources

- Republic Hydrometeorological Service of Serbia (<u>www.hidmet.gov.rs</u>)
- South East European Virtual Climate Change Center (<u>www.seevccc.rs</u>)
- European Center for Medium-range Weather Forecasts (<u>http://www.ecmwf.int/</u>)
- Climate Prediction Center USA (<u>http://www.cpc.ncep.noaa.gov/</u>)
- Deutscher Wetterdienst (<u>http://www.dwd.de/</u>)