



CLIMATE OUTLOOK FOR THE WINTER OF 2017/2018 FOR SERBIA AND THE SEECOF REGION

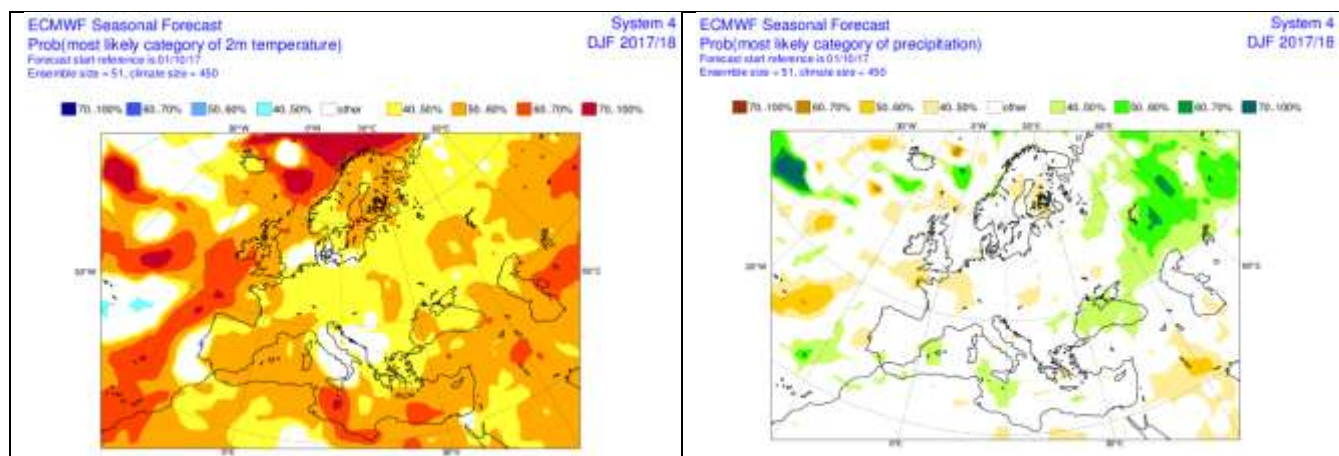
October 23st 2017

INTRODUCTION

NHMS of Serbia regularly prepares climate outlooks for our country on the basis of the ECMWF seasonal forecast model outputs, **as well as on the basis of the SEEVCCC regional climate model outputs**. In this paper we will extend the scope of our climate outlook and provide a winter outlook for both Serbia and the entire SEECOF region.

CLIMATE OUTLOOK FOR THE WINTER OF 2017-2018 BASED ON ECMWF SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

There is no signal for winter temperature and precipitations sums in Serbia. In other words there are equal probabilities for a colder, normal or warmer winter, as well as, for a dry, normal or wet winter compared to the 1981-2010 base period.



In the SEECOF region, winter temperature is likely to be above normal, with the probability increasing from the north and north-west toward south-east of the region. The exception, is in the central and western Balkans and along the coasts of Adriatic Sea, where it is equal probabilities for below-, near- or above-normal winter temperatures.

On the other hand, in most of the SEECOF region, there is no predictive signal for winter precipitation. Winter precipitation is likely to be near or above normal along the coasts of the Black Sea and eastern part of the Carpathian region, on the other hand the region of Pannonian Plain, eastern parts of Ukraine, as well as part of Jordan it is likely to be below normal.



REPUBLIC HYDROMETEOROLOGICAL SERVICE OF SERBIA

11030 Belgrade, Kneza Višeslava 66, Republic of Serbia

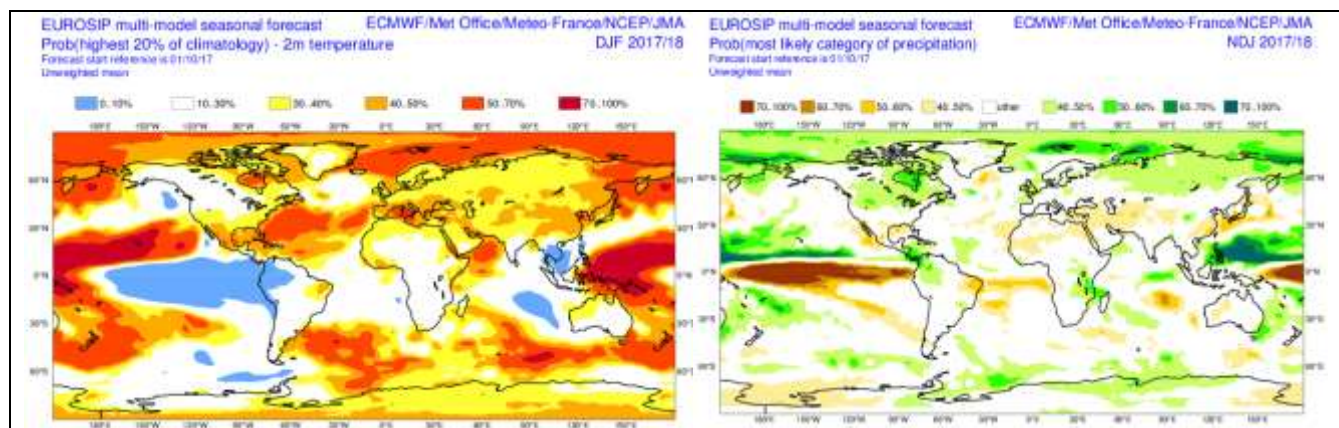
Tel.: +381 11/30 50 923, Fax: +381 11/30 50 847,

E-mail: office@hidmet.gov.rs



CLIMATE OUTLOOK FOR THE WINTER OF 2017/2018 BASED ON EUROSIP SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

Serbia is expected to experience above normal winter temperatures, while there is no signal for winter precipitation. In other words, Serbia will have a milder winter compared to the 1981-2010 base period.



In the SEECOF region winter temperature is likely to be above normal, with the probability decreasing from the western and central toward north-east, east of the of the region, as well as to the Central and Eastern Mediterranean.

In most of the SEECOF region, there is no predictive signal for winter precipitation totals, while in the South Caucasus region, Turkey, southern part of Greece, along the coasts of the Ionian, Aegean and Mediterranean Sea including continental parts of Israel, Jordan and Lebanon, will experience from below normal precipitations.

CLIMATE OUTLOOK FOR THE WINTER OF 2017-2018 BASED ON RCM-SEEVCCC SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

During winter 2017/2018, positive temperature anomalies are expected in the entire Serbia with normal to below normal precipitation sums.

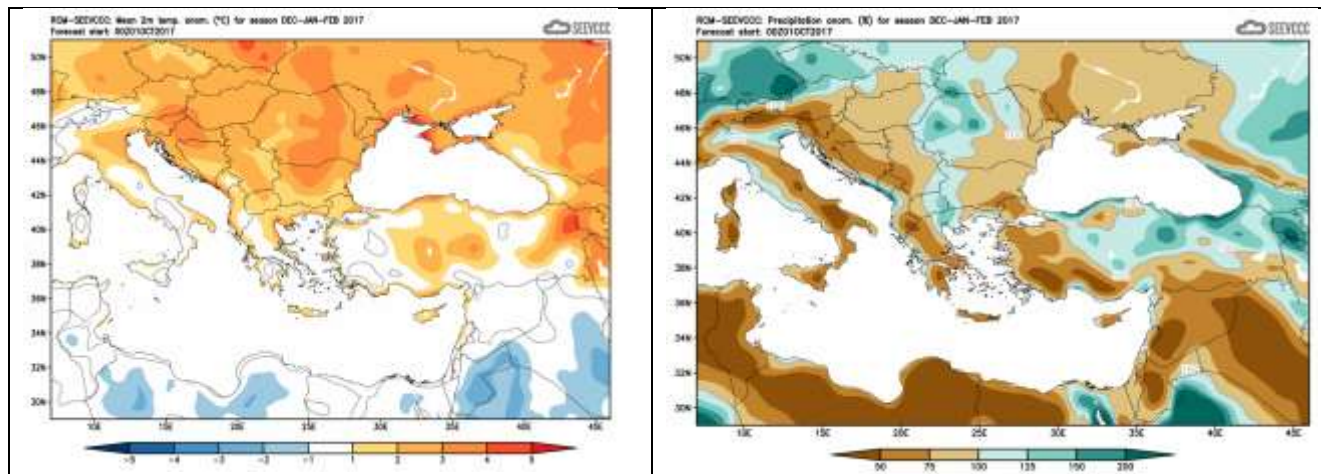


REPUBLIC HYDROMETEOROLOGICAL SERVICE OF SERBIA

11030 Belgrade, Kneza Višeslava 66, Republic of Serbia

Tel.: +381 11/30 50 923, Fax: +381 11/30 50 847,

E-mail: office@hidmet.gov.rs



In most of the SEECOF region winter temperature is likely to be above normal, with the exception of southern parts of Balkans, western and some parts on eastern and south-eastern Turkey, continental parts of Israel, Jordan and Lebanon where near normal conditions are predicted. Winter precipitation is likely to be below normal to normal in most of the region, while western part of Ukraine, western slopes of Carpathian region, southern slopes of the Dinaric Alps, southern and eastern coasts of the Black Sea, and some parts of the South Caucasus region may receive more precipitation.

SUGGESTED NHMS SERBIA CLIMATE OUTLOOK FOR THE WINTER OF 2017-2018 FOR SERBIA AND THE SEE REGION

A milder or normal winter compared to the 1981-2010 base period is expected in the entire Serbia, while there is no signal for winter precipitation totals.

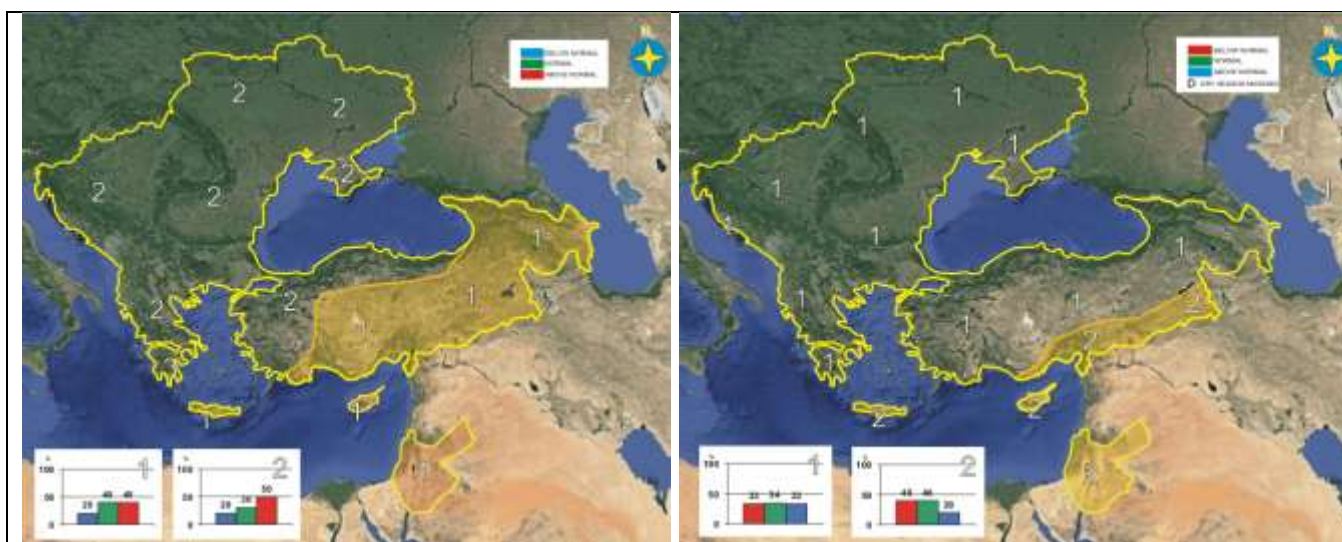


Figure 1. Graphical presentation of the 2017/18 winter temperature outlook

Figure 1. Graphical presentation of the 2017/18 winter precipitation outlook



REPUBLIC HYDROMETEOROLOGICAL SERVICE OF SERBIA

11030 Belgrade, Kneza Višeslava 66, Republic of Serbia

Tel.: +381 11/30 50 923, Fax: +381 11/30 50 847,

E-mail: office@hidmet.gov.rs



In most of the SEECOF region (zone 2 in Figure 1), winter temperature is likely to be near of above normal, while in the South Caucasus region, eastern, and south-eastern parts of Turkey, in the Central and Eastern Mediterranean with its belonging coasts, Israel and Jordan (zone 1 in Figure 1), it is likely to be above normal.

In Israel, Jordan, Central and Eastern Mediterranean with its belonging coasts, as well as on the southeast of the Turkey (zone 2 in Figure 2), winter precipitation totals are likely to be below normal, while in the most of the SEECOF region (zone 1 in Figure 2), the uncertainty is high: probabilities for below-, near- or above-average conditions are approximately equal.