



## CLIMATE OUTLOOK FOR 2012-2013 WINTER SEASON FOR SERBIA AND THE SEECOF REGION

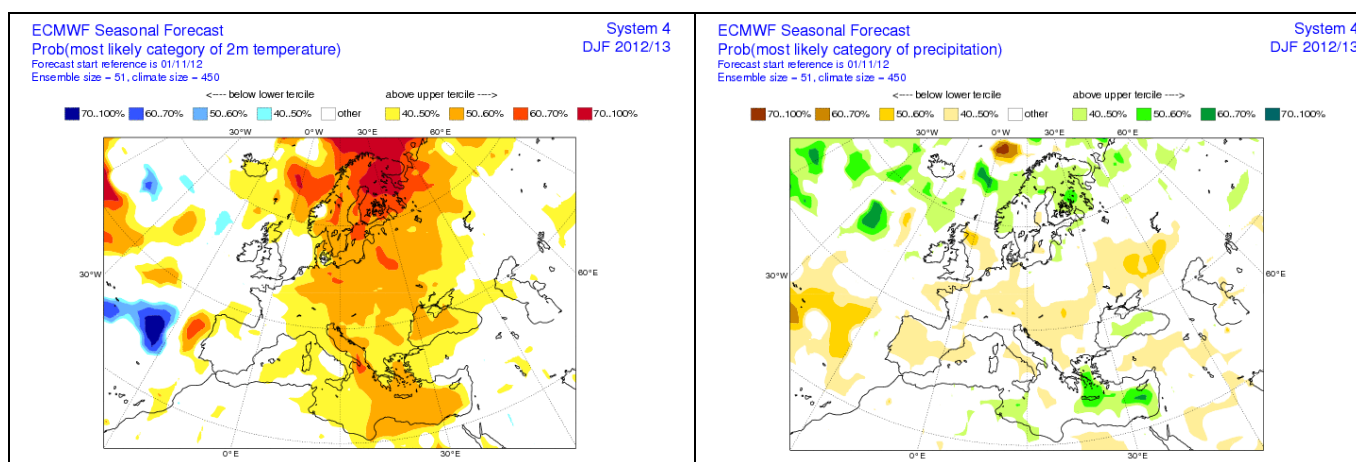
November 20<sup>th</sup> 2012

### INTRODUCTION

NHMS of Serbia regularly prepares climate outlook for our country on the basis of the ECMWF seasonal forecast model outputs, **but also from the SEEVCCC regional climate model outputs**. In this paper we will extend the scope of our climate outlook and give climate outlook for winter season not only for Serbia, but also for the entire SEECOF region.

### CLIMATE OUTLOOK FOR 2012-2013 WINTER SEASON BASED ON ECMWF SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

Winter season temperature in Serbia is more likely to be above normal, while winter season precipitation is more likely to be below normal. In other words, the whole territory of Serbia will have warm and drier winter.



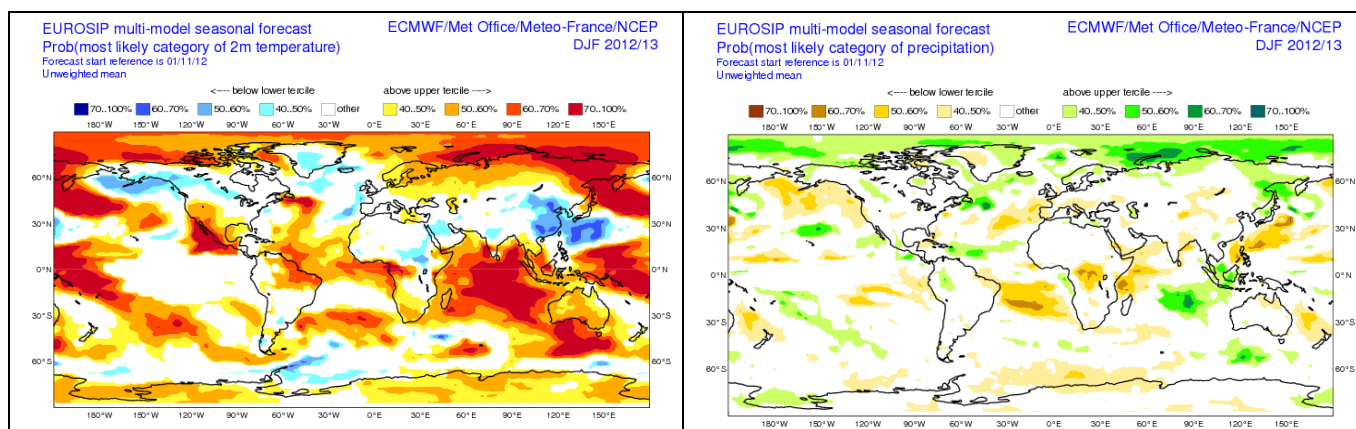
In the most of the SEECOF region winter season temperature is likely to be above normal, while in the Adriatic, Ionian, Aegean Sea and belonging coasts and in central Mediterranean it is more likely to be above normal. The exception is the Caucasus region, central and eastern parts of Turkey and eastern Mediterranean, where there is no predictive signal for winter season temperature.

Also, in the most of the Balkan Peninsula, central and easternmost parts of Turkey winter season precipitation is likely to be below normal, while winter season totals in the Aegean Sea, central and Eastern Mediterranean and belonging coasts are more likely to be above normal. In the eastern and southernmost part of the Balkans, in the Caucasus region, in the northern and western part of Turkey there is no predictive signal for winter season precipitation.



## CLIMATE OUTLOOK FOR 2012-2013 WINTER SEASON BASED ON EUROSIP SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

There is no signal for winter season temperature in Serbia, while for winter season precipitations deficit is expected. In other words, Serbia will have a dry winter.



In the most of the SEECOF region there is no predictive signal for winter season temperature, while in the south of Greece, in the central Mediterranean, Aegean and Caspian Sea with belonging coasts it is likely to be above normal. In the Pannonia Plain and the western and central part of the Balkans winter season precipitation is likely to be below normal, while in the central Mediterranean it is likely to be above normal conditions. In the rest of the SEECOF region, there is no predictive signal for winter season precipitation.



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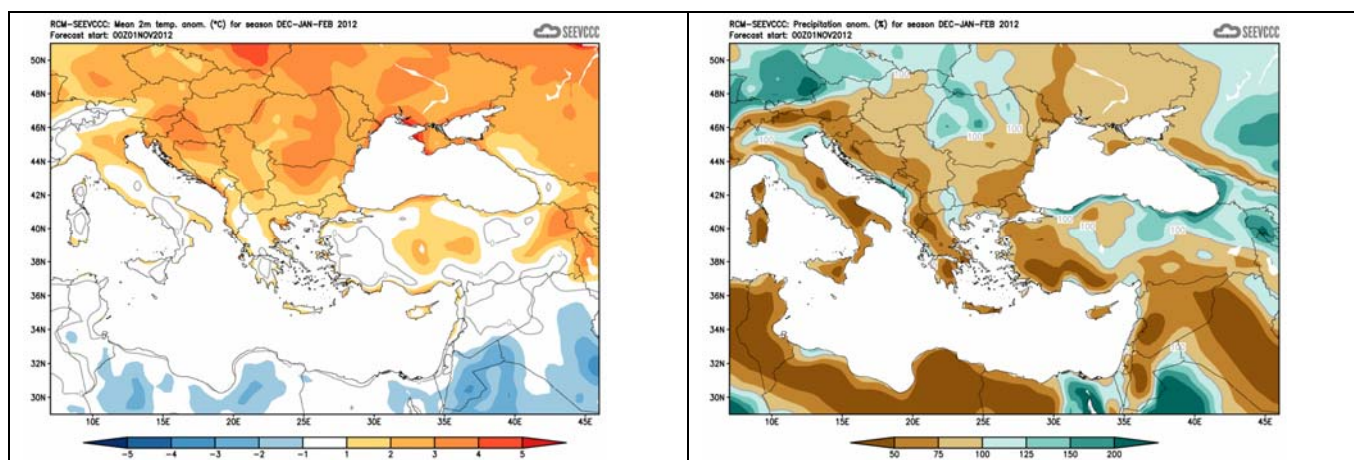
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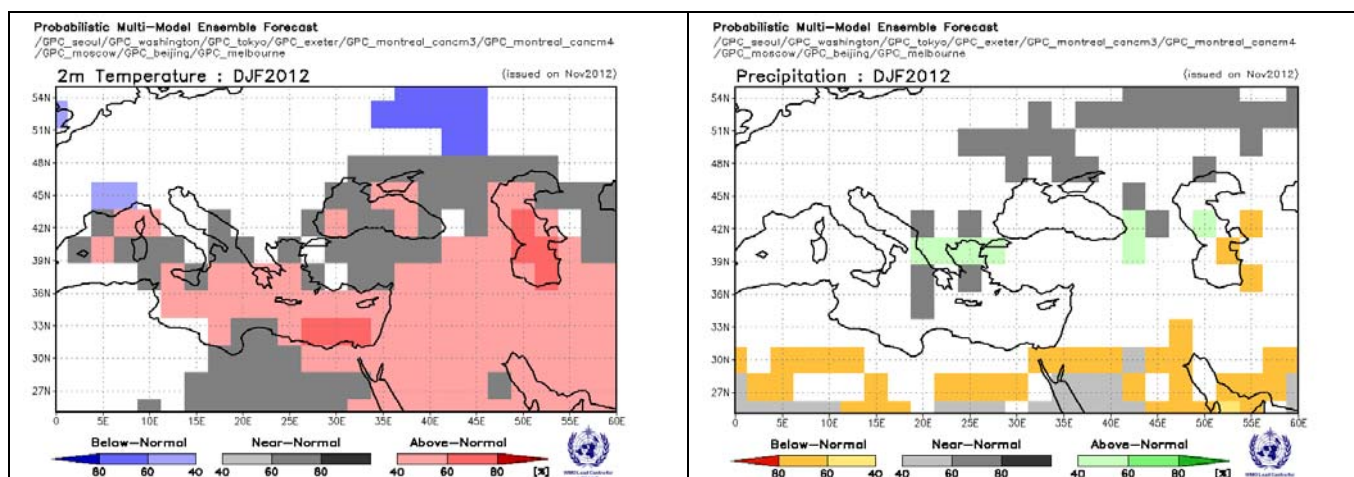
### CLIMATE OUTLOOK FOR 2021-2013 WINTER SEASON BASED ON RCM-SEEVCCC SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

Positive temperature anomalies are expected in Serbia during winter season. Precipitations quantities will be normal to below normal values.



In most of the Balkan Peninsula, central and eastern Turkey and southern Caucasus winter season temperature is likely to be above normal. In the rest of the region normal temperature conditions are expected. Winter season precipitation is likely to be below normal to normal in most of the region, while more precipitation may occur in northern and western Romania, northeastern Turkey, southern Caucasus, and along the Adriatic.

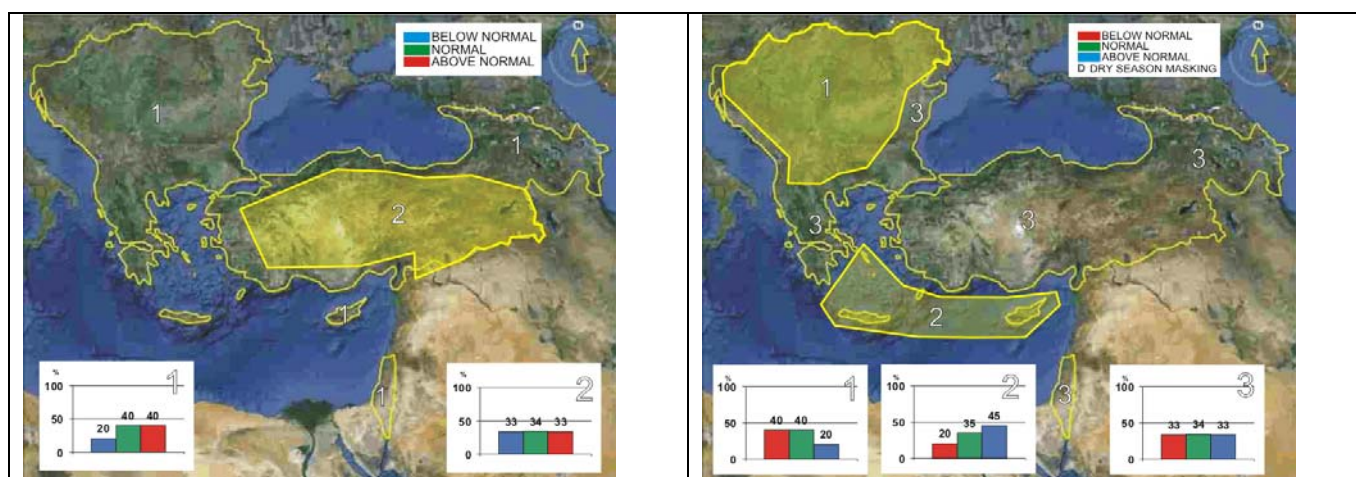
### WMOLC-MME





## SUGGESTED NHMS SERBIA - CLIMATE OUTLOOK FOR 2012-2013 WINTER SEASON FOR SERBIA AND SEE REGION

A milder and drier winter season is expected for whole Serbia.



In most of the SEECOF region winter season temperature is likely to be above normal, except in the inland of Turkey where no privileged scenario is predicted.

In the continental part of the Balkans winter season precipitation amount is likely to be normal to dry, while in the eastern Mediterranean normal to wet conditions are expected. In the rest of the region there is equal chance for all scenarios.