



CLIMATE OUTLOOK FOR THE 2020 SUMMER SEASON FOR SERBIA AND THE SEECOF REGION

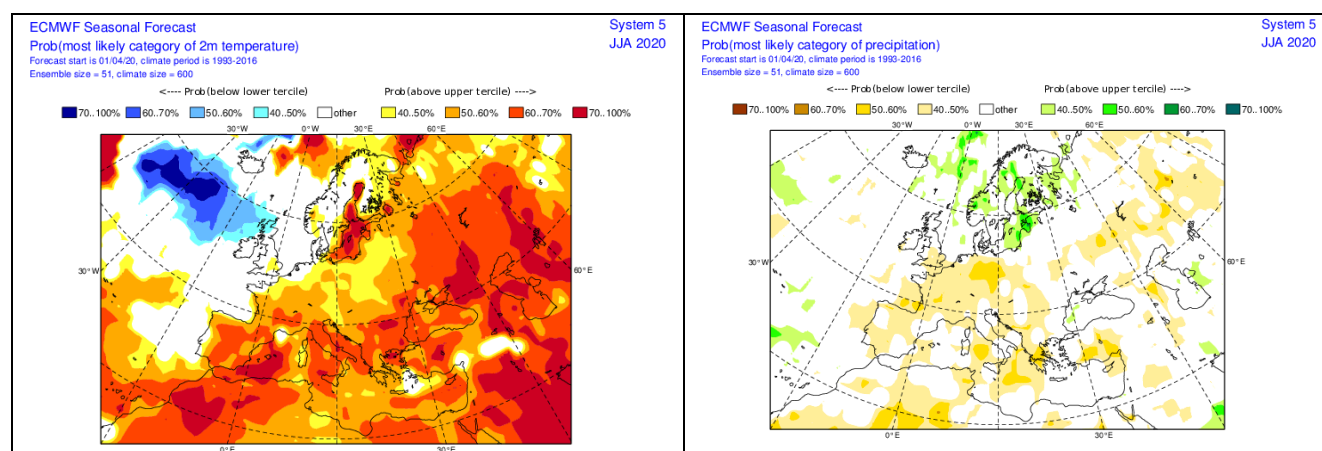
April 24th, 2020

INTRODUCTION

NHMS of Serbia regularly prepares climate outlook for our country based both the ECMWF seasonal forecast model outputs, **and the SEEVCCC regional climate model outputs**. This paper provides an extended climate outlook for summer season referring not only to Serbia, but the entire SEECOF region as well.

CLIMATE OUTLOOK FOR THE 2020 SUMMER SEASON BASED ON ECMWF SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION (Hindcast period 1993-2016)

Entire Serbia is likely to experience above-normal summer temperature. In most of the country there are equal probabilities for -below, -near or -above normal summer precipitation, while in southern and eastern parts of Serbia summer precipitations sums are likely to be below-normal. Consequently, southern and southeastern parts of Serbia will experience warmer and drier summer compared to the average conditions, while the most parts of Serbia will experience warmer and averagely dry conditions.



In most of the SEECOF region, summer temperature is likely to be above-normal, with the probability increasing from the northern to the southern and southeastern parts of the region. Contrastively, in southeastern parts of Turkey, southern part of the Aegean Sea there are equal probabilities for below-, near- or above- normal conditions.

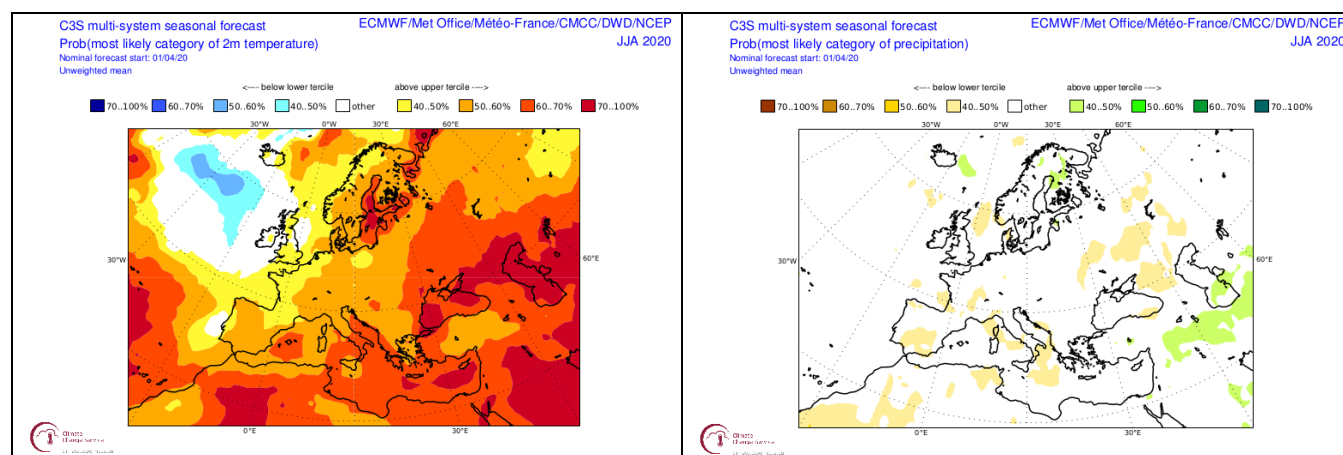
Summer precipitation is likely to be below-normal in Western and Southern Balkans, along the Dinaric Alps, western part of the Pannonia Plain, southeastern slopes of the Carpathian region, along the coasts



of the Ionian, Middle Adriatic Sea, Eastern Mediterranean, as well as in parts of the central and southern Turkey, while in most of the SEECOF region, there is no predictive signal for summer precipitation.

CLIMATE OUTLOOK FOR THE 2020 SUMMER SEASON BASED ON COPERNICUS SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION (Hindcast period 1993-2016)

Summer temperature in Serbia is likely to be above-normal, while there is no signal for summer precipitation. Consequently, the whole Serbia will observe a warmer and normally dry summer compared to the average.



In the entire SEECOF region, summer temperature is likely to be above-normal, with the probability increasing from the northern and northwestern to the southern and southeastern parts of the region. In southeastern parts of Turkey, summer precipitation is likely to be above-normal; along the coasts of the Ionian Sea, Middle and Southern Adriatic is likely to be below-normal, while in rest of the SEECOF region there is no predictive signal.

CLIMATE OUTLOOK FOR THE 2020 SUMMER SEASON BASED ON RCM-SEEVCCC SEASONAL FORECAST MODEL OUTPUTS FOR SERBIA AND THE SEE REGION

In summer 2020, positive temperature anomalies are expected in entire Serbia. In most of the country, summer precipitation sums will be below-normal with the exception of mountainous region in southwestern and central part of Serbia with precipitation totals near-normal.

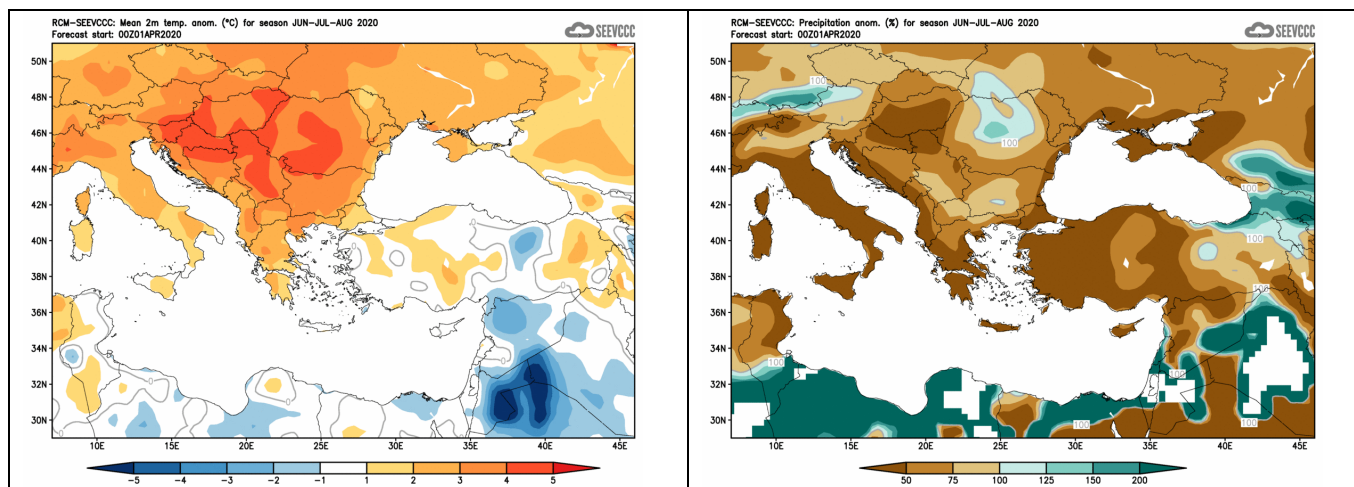


REPUBLIC HYDROMETEOROLOGICAL SERVICE OF SERBIA

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



In Ukraine, Balkan Peninsula, along the coasts of the Adriatic, Ionian, Aegean Sea, some parts of Turkey, summer temperature is likely to be above-normal, while normal conditions are expected in the South Caucasus region, Eastern Mediterranean Sea and most of Turkey. Contrastively, below-normal summer temperature is predicted for Jordan and mountainous part of Israel.

Summer precipitation is likely to be below-normal in most of the SEECOF region, while in the Eastern and mountainous region of the Central Balkans, as well as in eastern Turkey it will be within normal values. Convective activity may affect above normal summer precipitation in the South Caucasus, eastern coasts of the Black Sea, mountainous region of the Carpathian region, Lebanon, Israel and Syria.

SUGGESTED NHMS SERBIA - CLIMATE OUTLOOK FOR THE 2020 SUMMER SEASON FOR SERBIA AND THE SEE REGION

Summer temperature in Serbia is likely to be above-normal, while there is no predictive signal for summer precipitation sums. Consequently, the whole Serbia will experience a warmer and averagely dry conditions compared to the average.

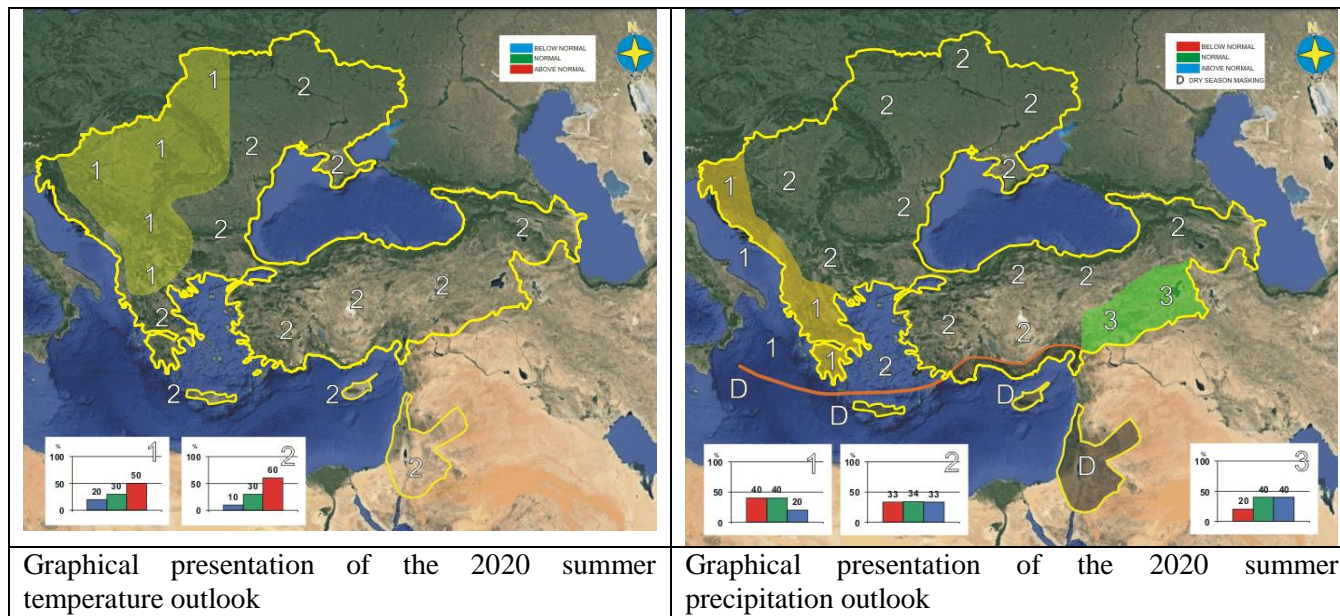


REPUBLIC HYDROMETEOROLOGICAL SERVICE OF SERBIA

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 the entire SEECOF region, summer temperature is likely to be above-normal with the probability increasing from the northern-northwestern to the eastern and southern part of the region.

Uncertainties in regional predictions are higher for precipitation than for temperature. The uncertainty is high for most of the SEECOF region - probabilities for below-, near- or above- average conditions are approximately equal. The northwestern and southern parts of Balkan Peninsula, as well as coasts of the Adriatic and Ionian Sea are likely to experience below- or near-normal conditions of summer precipitation sums. Contrastively, southeastern part of Turkey will receive above or near-normal summer precipitation sums. It should be noted that certain parts of the country, particularly mountain regions might receive near- or above- normal summer precipitation totals due to the episodes of enhanced convection accompanied by heavy precipitation. Due to dry season masking, it is not possible to forecast summer precipitation totals along the eastern coasts of Eastern Mediterranean, Crete, Israel and Jordan.