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## **Climate outlook for summer 2018 for Serbia**

### **Very warm and dry summer expected in the entire country**

Based on the latest results obtained from our regional numerical climate model for the seasonal weather forecast and in accordance with the forecasts from the other European and world centers, the summer of 2018 is expected to rank among the ten warmest on record in Serbia. In the lowland, mean summer air temperature is forecasted to be in a 21°C - 25°C range, and in the hilly-mountainous regions in a 15°C - 19°C range.

In July and August, it is likely that heat waves will occur, that is, periods marked by consecutive series of very warm days. In the summer, the number of tropical days (with the maximum air temperature above 30°C) in the lowland is expected to vary from 35 to 55 days, and on the mountains between 9 and 12 days. The number of tropical nights (with the minimum air temperature above 20°C) is expected to vary from 15 to 20 in the lowland of Serbia, in Belgrade around 29 days.

Summer precipitation sums are forecasted to be below the multiannual average in most of Serbia, whereas southern and southwestern parts of the country are expected to observe average precipitation totals. Precipitation sums are expected to range from 120 mm to 240 mm in the lowland, and in the hilly-mountainous regions between 190 mm and 250 mm.

The number of rainy days in summer will be in a range from 18 to 28, on the mountains up to 36. It should be noted that the hilly-mountainous regions may observe higher precipitation sums given the more intensive development of the convective cloudiness.