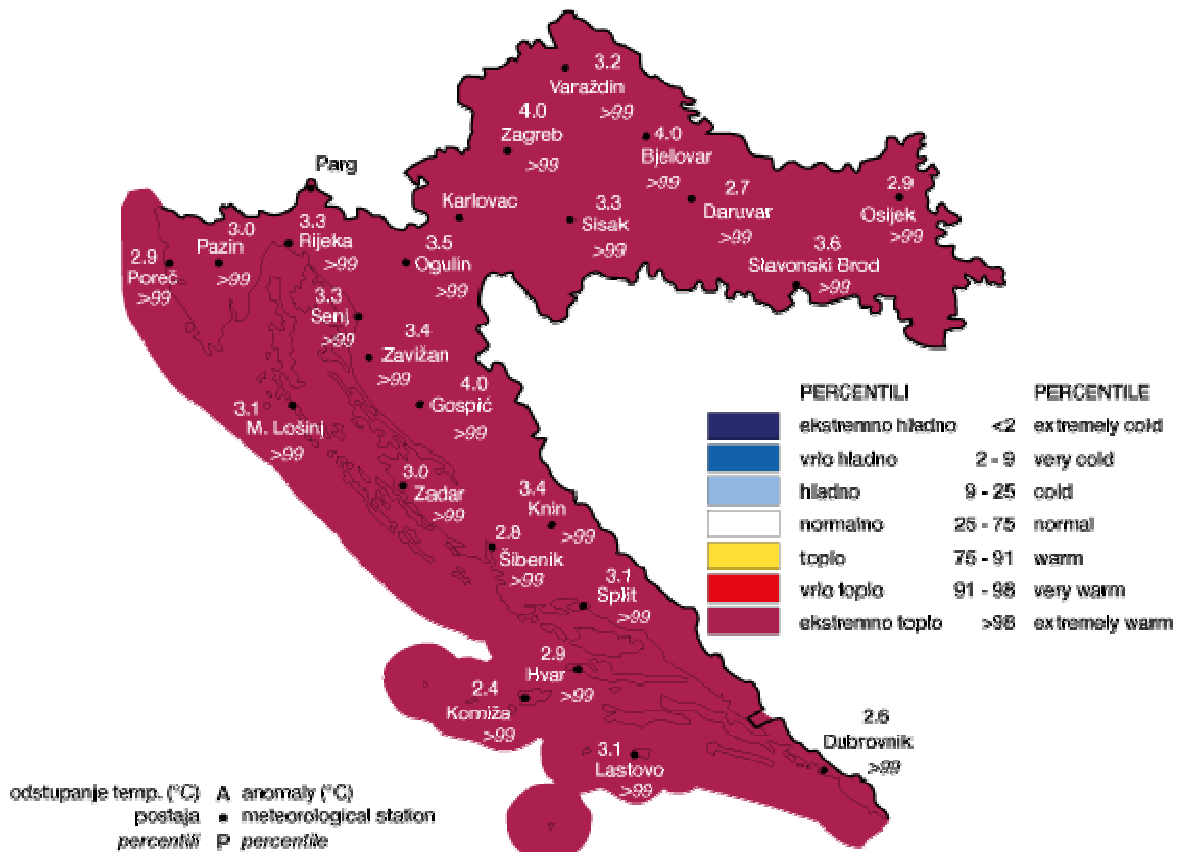


# Climate Report for Croatia for Summer 2017

## Air temperature anomalies for Croatia in summer 2017

Average air temperature on seasonal scale (summer) throughout Croatia were above the multi-annual average (1961 - 1990). Corresponding air temperature anomalies for summer (June, July, August) 2017 were within the range from 2.4 °C to 4.0 °C.

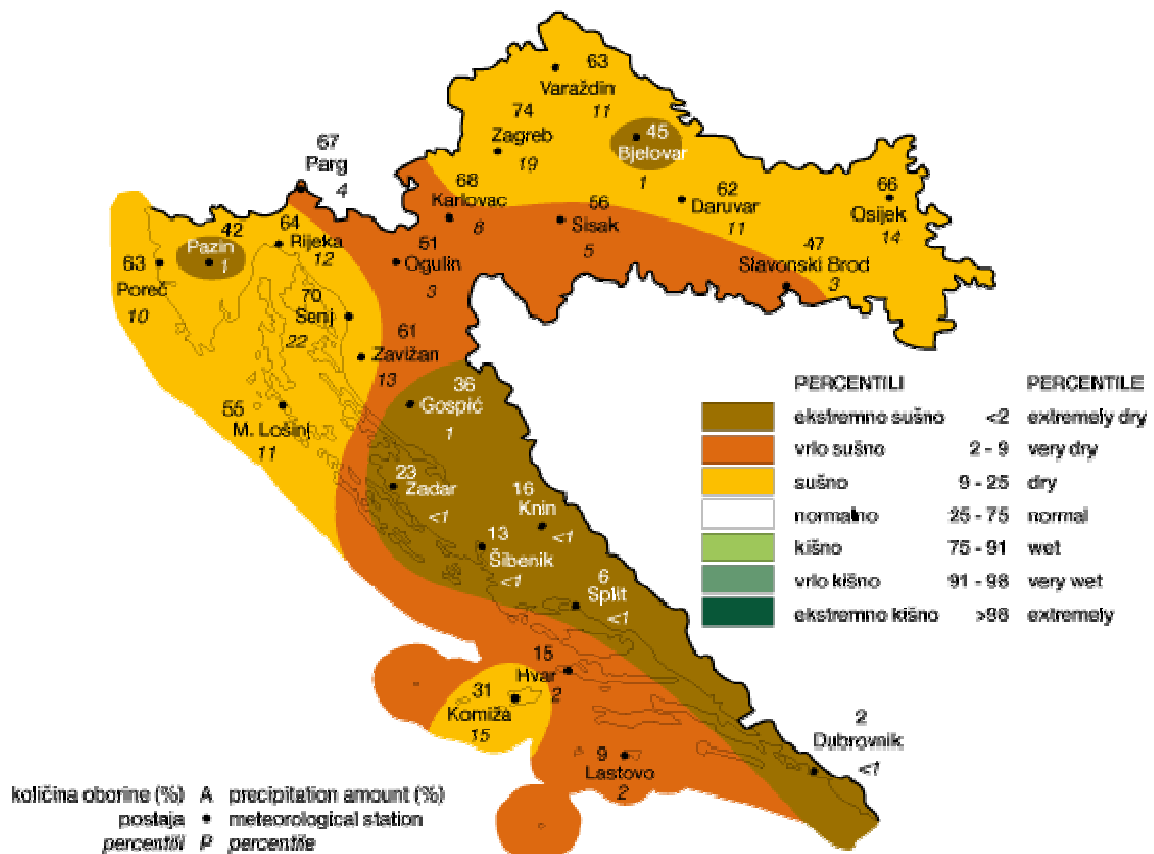
According to percentile ranks and classification ratings, thermal conditions in Croatia in summer 2017 dominantly fall into the **extremely warm** category (whole Croatia).



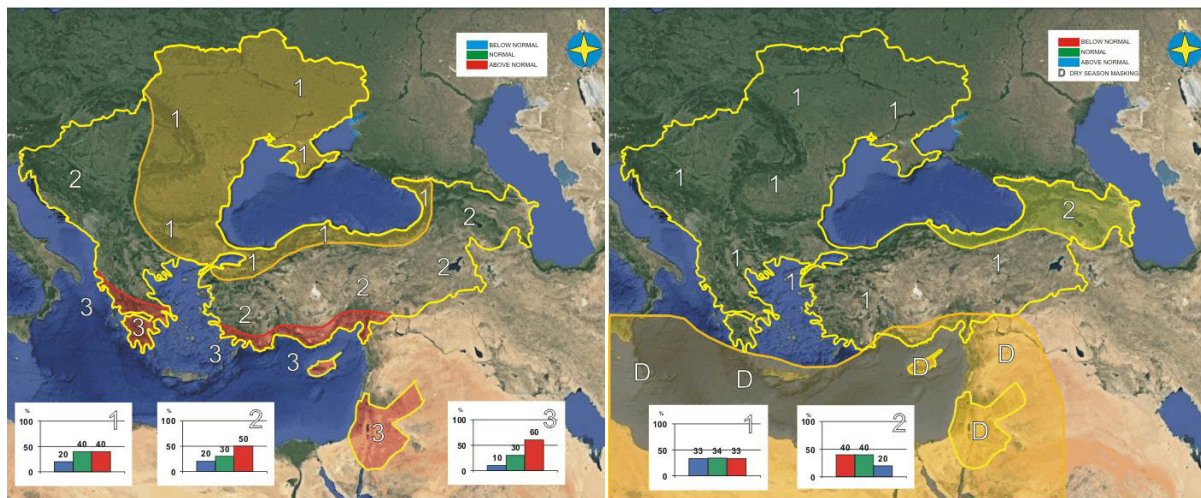
## Precipitation amounts for Croatia in summer 2017

An analysis of precipitation amounts for summer 2017 given in percentages (%) of 1961 - 1990 average, shows that these precipitation amounts in Croatia were below the average. Corresponding precipitation amounts for summer 2017 were within the range from 2% to 74% of multi-annual average for this season.

According to percentile ranks and classification ratings, precipitation amounts for summer 2017 have been described by the following categories: **extremely dry** (the wider areas of the towns of Bjelovar and Pazin, part of the Middle and Southern Adriatic and their hinterland), **very dry** (part of Northwestern, Central and Eastern Croatia as well as part of the Middle and Southern Adriatic) and **dry** (the rest Croatia).



## SEECOF-17 CLIMATE OUTLOOK VALIDATION



Graphical presentation of the 2017 summer temperature (left) and precipitation (right) outlook.

### Air temperature anomalies for Croatia in summer 2017

According to the SEECOF-17 climate outlook, for all Croatian territory, there were chance for above normal summer temperatures. Probability for exceeding the average summer season temperature was 50%.

The summer season in Croatia according to multi-annual average 1961-1990 was for the whole territory above normal (within the range from 2.4°C to 4.0°C). In relation to the multi-annual average 1981- 2010, the warmer anomaly is a slightly lower, within the range from 2.1 ° to 2.8 °C but just for the 5 biggest SYNOP stations in Croatia (Zagreb, Osijek, Gospić, Rijeka and Split).

We can conclude that the outlook was satisfactory.

### Precipitation amounts for Croatia in summer 2017

According to the SEECOF-17 climate outlook, the precipitation all over Croatia had no preference for any climate defined categories, with an equal probability of all three terciles.

The actual precipitation amounts were below normal in whole country (with lower amounts considering thirty-year average 1961-1990., somewhere substantial).

According to percentile ranks and classification ratings the categorie extremely dry were in the wider areas of the towns of Bjelovar and Pazin, part of the Middle and Southern Adriatic and

their hinterland – in some part just 2% of average amount of precipitation during summer were observed (the wider area of Dubrovnik) .

We can conclude that the outlook for the summer 2017 according the precipitation was not satisfactory.

Country	Seasonal temperature (JJA)		Seasonal precipitation (JJA)		High Impact Events
	Observed	SEECOF-17 climate outlook for temperature	Observed	SEECOF-17 climate outlook for precipitation	
Croatia	<b>Above normal</b>	<b>Above normal</b> (20,30,50)	<b>Below normal</b> (in the whole country)	<b>No predictive signal</b> (33,34,33)	<p><b>Summer 2017</b> was extremely warm in the whole country.</p> <p>Five heat waves were observed during summer – one in June and August, and three in July.</p> <p>In August the absolute maximum temperature was measured in Knin (hinterland of middle Adriatic) - 42,3°C on 10th of August (the measurement in Knin exist from 1949).</p> <p>In all three months forest fires hit mostly costal part of Croatia, but few of them was wild fires – especilly in July (the town Split in the middle Adriatic was endangered by fier).</p> <p>In all three months convective related severe weather phenomena (thunderstorms, hail, heavy rains, flash floods, waterspouts) were observed mostly all over Croatia.</p>

--	--	--	--	--	--