

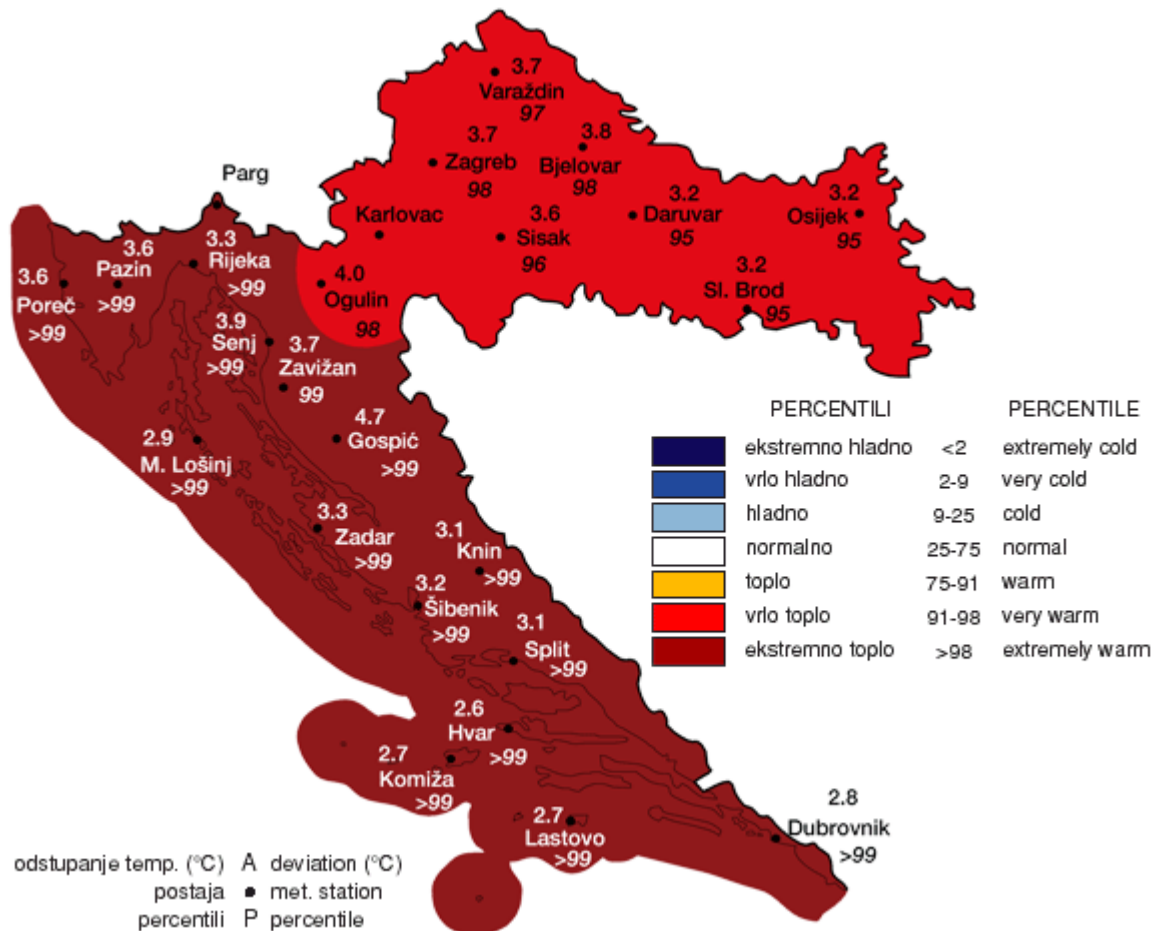
Climate Report for Croatia for Winter 2013/14

► Air temperature anomalies for Croatia in Winter 2013/14

During the winter 2013/2014 the average winter air temperatures (December, January, February) were above the multi-annual average (1961-1990).

Corresponding air temperature anomalies for the winter 2013/2014 were within the range from 2.6°C to 4.7°C.

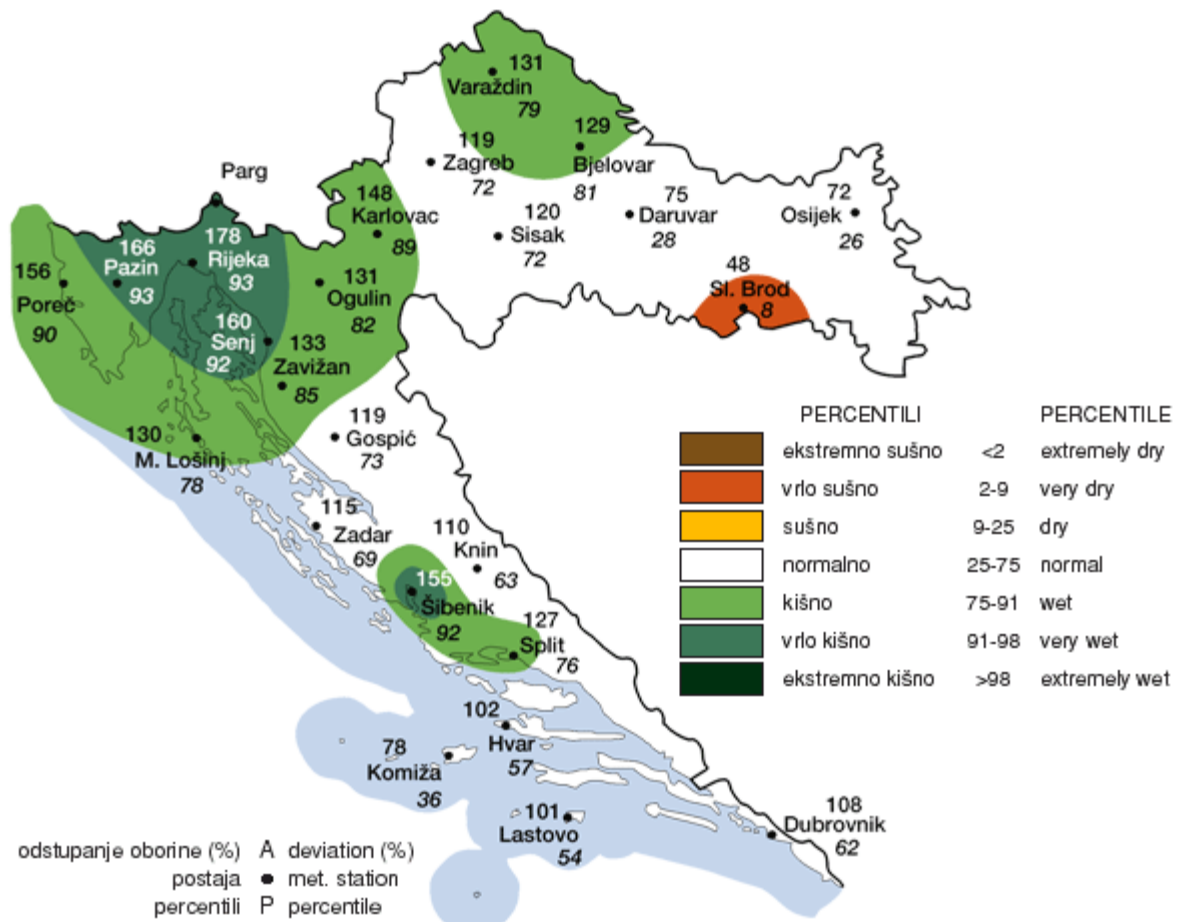
According to percentile ranks and classification ratings, thermal conditions in Croatia for the winter 2013/2014 have been classified by following categories: **very warm** (Northwestern and Eastern Croatia as well as the part of Central Croatia) and **extremely warm** (the remaining part of Croatia).



► Precipitation amounts for Croatia in winter 2013/14

An analysis of the precipitation amounts for the winter 2013/2014 expressed as percentages (%) of 1961-1990 average, shows that these precipitation amounts were mainly above the average. Corresponding precipitation amounts for the winter 2013/2014 were within the range from 48% to 178% of multi-annual average for this season.

According to percentile ranks and classification ratings, the precipitation amounts for the winter 2013/2014 have been described by the following categories: **very dry** (an area in Eastern Croatia), **wet** (part of the Northern Adriatic and its hinterland as well as part of Central Croatia and some areas in Northern Croatia and Middle Adriatic), **very wet** (part of the Northern Adriatic with its hinterland and an area in the Middle Adriatic) and **normal** (the remaining part of Croatia).



SEECOF-10 CLIMATE OUTLOOK VALIDATION

Air temperature anomalies for Croatia in Winter 2013/2014

According to the SEECOF-10 climate outlook, climatology was assigned for all three terciles for biggest part of Croatia. Furthermore, for Dalmatia there was weak tendency for upper tercile relative to the period 1981-2010.

The climate monitoring report is given in relation to the older climatology 1961-1990, and in relation to the multi-annual average 1981-2010 it is a bit less extreme with the temperature anomalies within the range from 2.7°C to 4.2°C for the 5 biggest stations in Croatia (Zagreb, Osijek, Gospić, Rijeka and Split). We can conclude that the outlook for the normal to slightly warmer winter was poor. Nevertheless, the signal for warmer anomaly in southern part of Croatia than in northern part has proved correct.

Precipitation amounts for Croatia in Winter 2013/2014

Furthermore, according to the SEECOF-10 climate outlook, the precipitation had no preference for any climate defined categories for most of Croatian territory. For central and southern Adriatic Sea with belonging coast 40 % chance for the wet tercile was given.

The actual precipitation amounts were mainly around and above thirty-year average 1961-1990. The newer climatology 1981-2010 is generally similar to the older one, with the exception of 10 % drier station Split.

We must emphasize that the signal for very wet conditions in locality around Rijeka was missed. Apart from that we can conclude that the outlook was satisfying. Of course, we have to bear in mind that the uncertainty of the forecast was so large that we couldn't make much use of the forecast information.