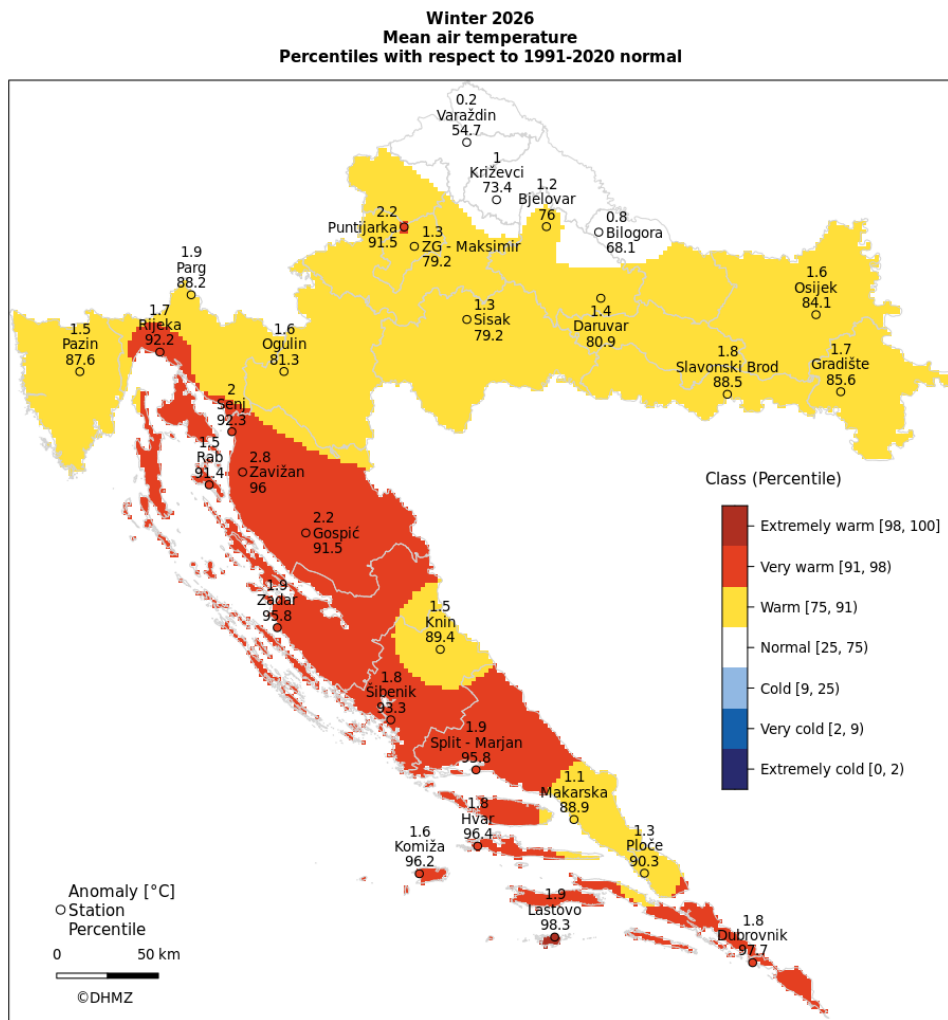


# Climate Report for Croatia for Winter 2025/2026

## Air temperature anomalies for Croatia in Winter 2025/2026

The average winter air temperature (December 2025, January 2026, February 2026) throughout Croatia was above the multi-annual average (1991 - 2020). Corresponding air temperature anomalies were within the range from 0,2 °C (Varaždin) to 2,8 °C (Zavižan).

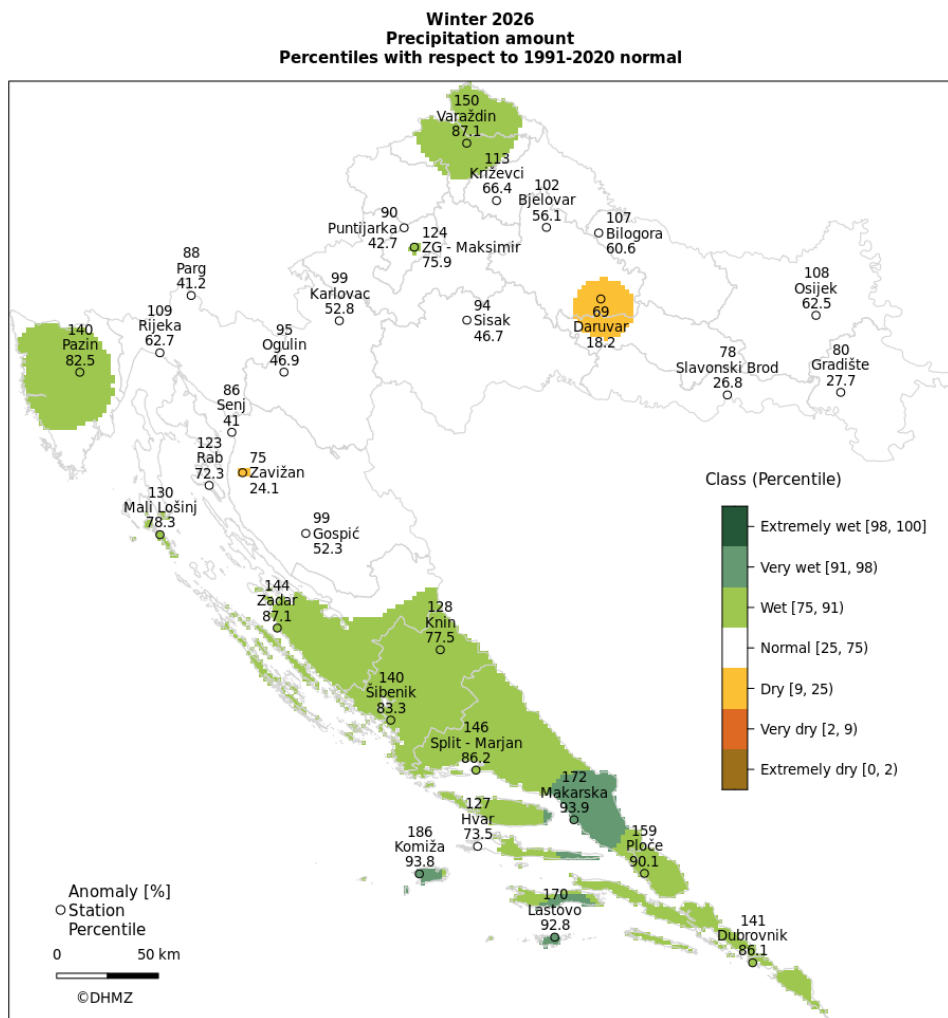
According to percentile ranks and classification ratings, thermal conditions in north part of Croatia for winter 2025/2026 have been described by the category **normal**, in most of country by the category **warm** and in some part of Dalmatia, the north Adriatic and mountainous part of country was **very warm**.



## Precipitation anomalies for Croatia in Winter 2025/2026

An analysis of the precipitation amounts for winter 2025/2026 expressed as percentages (%) of 1991 - 2020 average, shows that precipitation amounts were within the range of 69 % (Daruvar – 124,1 mm) to 186 % (Komiža, island Vis – 483,8 mm) of the multi-annual average for this season.

According to percentile ranks and classification ratings, the amount of precipitation recorded during the winter in most of continental part of Croatia and part of north Adriatic was around **normal**. At the highest mountain station (Zavižan) and in Daruvar winter 2025/2026 was **dry**, in the most part of Dalmatia and in Istria winter 2025/2026 was **wet**. At Lastovo and Komiža (Dalmatian Island) and in Makarska the precipitation amount for winter is in category **very wet**.



## Air temperature anomalies for Croatia in December 2025

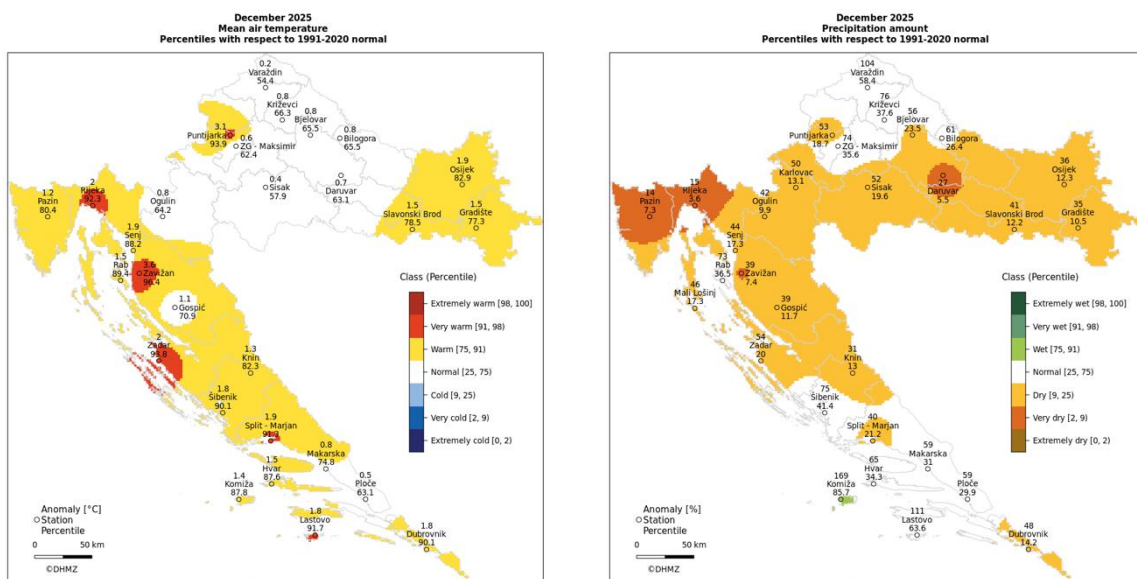
The anomalies of the mean air temperature in December 2025 with respect to the normal 1991 - 2020 were within the range from 0,2 °C (Varaždin) to 3,6 °C (Zavižan).

According to the percentile ranks and classification ratings, thermal conditions in Croatia for December 2025 are described in the following categories: **normal** (central part of continental Croatia and surrounding of Gospić and Ploče), **warm** (eastern and mountain part of Croatia, northern, middle and south part of Adriatic) and **very warm** in Rijeka, Zavižan, Zadar, Split and Lastovo.

## Precipitation anomalies for Croatia in December 2025

Precipitation anomalies expressed as a percentage (%) of the multi-annual average (1991-2020) were in December 2025 within the range from 14 % in Pazin (16,4 mm) to 169 % at Komiža (island Vis, 188,6 mm).

Precipitation conditions in December 2025 are described in more details in the following categories: **very dry** (area of Rijeka, Pazin (Istria), Zavižan and Daruvar), **dry** (most of continental and mountainous Croatia, part of north Adriatic and Dalmatia) and **normal** (rest of Croatia). Only at the Komiža station on the island of Vis it was **wet**.



Mean air temperature (left) and precipitation amount (right) - December 2025 - percentiles with respect to 1991-2020 normal

## Air temperature anomalies for Croatia in January 2026

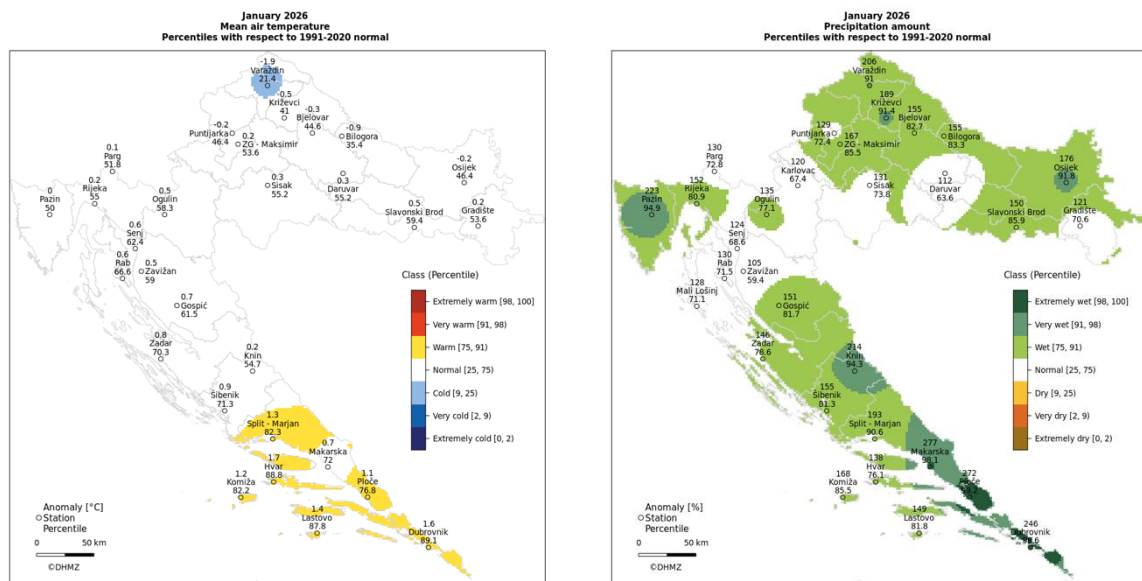
The anomalies of the mean air temperature in January 2026 with respect to the normal 1991 - 2020 were within the range from -1,9 °C (Varaždin) to 1,7 °C (Hvar).

According to the percentile ranks and classification ratings, thermal conditions in Croatia for January 2026 are described in the following categories: **normal** (most of Croatia), **warm** (in part of Dalmatia) and **cold** (in area of Varaždin).

## Precipitation anomalies for Croatia in January 2026

Precipitation anomalies expressed as a percentage (%) of the multi-annual (1991. - 2020.) average were in January 2026 within the range from 105 % (Zavižan 170,4 mm) to 277 % in Makarska (282,4 mm).

Precipitation conditions in January 2026 are described in more detail in the following categories: **normal** (surrounding of Gradište, Daruvar, part of mountainous and central Croatia and part of north Adriatic), **wet** (most of continental part of Croatia, part of mountainous Croatia, part of Dalmatia), **very wet** (wider area of Osijek, Križevci, Varaždin, Pazin and Knin) and **extremely wet** (area of town Makarska, Ploče and Dubrovnik).



Mean air temperature (left) and precipitation amount (right) - January 2026 - percentiles with respect to 1991-2020 normal

Table 1 - New record monthly precipitation for JANUARY at Makarska and Ploče stations in 2026. Comparison with previous record according to available data set

naziv meteorološke postaje	početna godina	dosadašnji rekord (mm)	godina dosadašnjeg rekorda	novi rekord 2026. (mm)
Makarska	1981.	269,0	1996.	282,4
Ploče	1978.	285,9	2013.	330,6

Table 2 - New daily precipitation record for the month of JANUARY at Makarska and Ploče stations in 2026. Comparison with the previous record according to the available data set

naziv meteorološke postaje	početna godina	dosadašnji rekord (mm)	datum dosadašnjeg rekorda	novi rekord 2026. (mm)	datum novog rekorda
Makarska	1981.	74,2	1. 1. 1996.	126,0	5. 1.
Ploče	1978.	87,5	19. 1. 2015.	137,3	6. 1.

### Air temperature anomalies for Croatia in February 2026

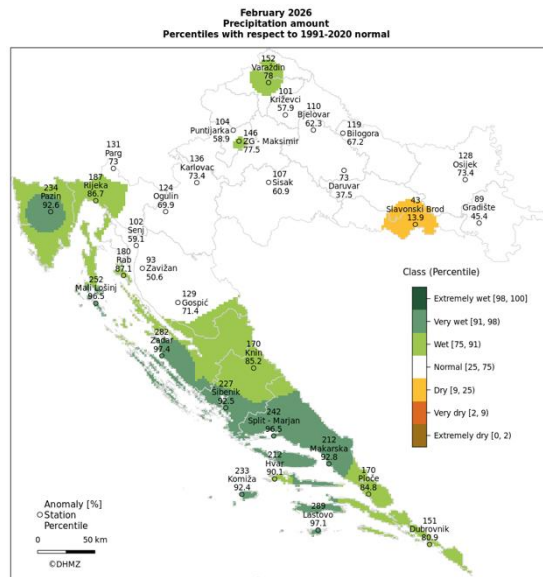
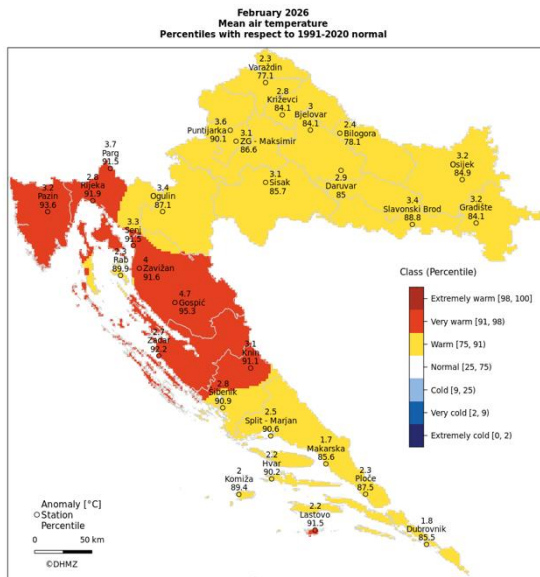
The anomalies of the mean air temperature in February 2026 with respect to the normal 1991 - 2020 were within the range from 1,7 °C (Makarska) to 4,7 °C (Gospić).

According to the percentile ranks and classification ratings, thermal conditions in Croatia for February 2026 are described in more detail in the following categories: **warm** (most of continental Croatia and Dalmatia) and **very warm** (Istria, part of north Adriatic, part of Mountains Croatia and part of Dalmatia).

### Precipitation anomalies for Croatia in February 2026

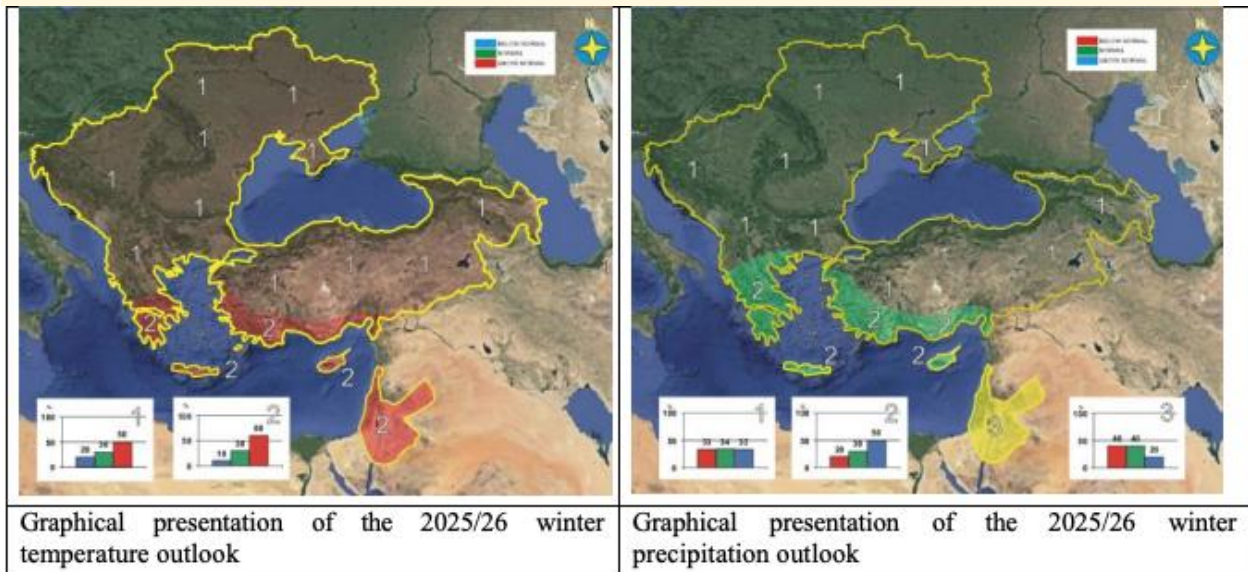
Precipitation anomalies expressed as a percentage (%) of the multi-annual (1991-2020) average were in February 2026 within the range from 43 % in Slavonski Brod (19,4 mm) to 289 % at island Lastovo (157,3 mm).

Precipitation conditions in February 2026 are described in more detail in the following categories: **normal** (most of continental and mountainous Croatia), **dry** (in Slavonski Brod), **wet** (in Varaždin, Zagreb, Rijeka and in part of Dalmatia) and **very wet** (at part of Dalmatia and at Island Lastovo).



Mean air temperature (left) and precipitation amount (right) - February 2026 - percentiles with respect to 1991-2020 normal

## SEECOF-34 CLIMATE OUTLOOK VALIDATION



### **Air temperature anomalies for Croatia in Winter 2025/2026**

According to the SEECOF-34 climate outlook, for all Croatian territory, winter temperature was expected to be above-normal. Probability for exceeding the average winter season temperature was 50 % (50/30/20).

The actual seasonal temperature was higher than normal in whole Croatia.

We can conclude that the outlook for the Winter 2025/2026 according the temperature can be considered successful.

### **Precipitation amounts for Croatia in Winter 2025/2026**

According to the SEECOF-34 climate outlook, winter precipitation sum in the whole Croatia had no privileged scenario, which means that climatology (middle tercile) had to be taken as the most likely result (33/34/33).

The actual precipitation amounts were mainly around the average (climatology). Only in part of Dalmatia was wetter than normal (and drier only around town Daruvar).

We can conclude that the outlook for the Winter 2025/2026 according the precipitation was correct.

Country	Seasonal temperature (DJF)		Seasonal precipitation (DJF)		High Impact Events
	Observed	SEECOF-34 climate outlook for temperature	Observed	SEECOF-34 climate outlook for precipitation	
Croatia	Above normal (in whole Croatia)	Normal or above normal (20,30,50)	Normal (most of Croatia)  Wet (part of Dalmatia)	Normal (33,34,33)	<p><b>Winter 2025/2026</b></p> <p><b>December 2025</b> – Heavy snow on Christmas caused traffic problems in the northern part of Croatia. Fallen trees made traffic difficult and even stopped it in some places. There was a strong and stormy bora (NE wind) along the coast, also causing damage and major traffic problems.</p> <p><b>January 2026</b> – From January 3rd to 9th, Croatia experienced heavy rain, flash floods, heavy snow, and freezing rain, which caused extensive material damage.</p> <p>On January 28th and 29th, a heavy rain and hail fell in the interior of Dalmatia. The thickness of the ice layer in some places was up to five centimeters. It is feared that the consequences will be long-lasting, especially in orchards, vineyards and olive groves.</p> <p><b>February 2026</b> - On February 4th, heavy rainfall and a hurricane-force south-east wind (jugo) caused flooding (sea levels in central Dalmatia were more than 70 centimeters above average), disruption of road and maritime transport (a number of catamaran, ferry and boat lines were interrupted).</p>

					<p>On February 14th, in Istria, after heavy rain, many agricultural areas, vineyards and olive groves were flooded.</p> <p>Heavy snowfall has fallen in northern Croatia. In the city of Varaždin, the snow cover reached 20 centimeters on February 21st. Several dozen traffic accidents were recorded, and the traffic situation was further complicated by fallen trees and branches, which led to several roads being closed. The snowfall also caused problems with the electricity supply.</p>
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